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Price List w.e.f. 15th November 2022

SIEMENS

LIST OF SITRAIN - INDIA TRAINING CENTERS

(including Training Service Providers, TSPs)

Code	Title	Location	Days
SIMATIC – Classic STEP 7, Industry 4.0 and Process Instrumentation			
AS-OL-400A	SIMATIC S7-400 with SIMATIC Manager (Advance Course)	Online Training	3 Days
DIGI-IN4.0	Introduction to Industry 4.0	Online Training	3 Days
AS-PI	Process Instrumentation	Online Training	4 Days
TIA Portal Courses			
AS-OL1500B	SIMATIC S7-1500 with TIA Portal V17 (Basic Course)	Online Training	5 Days
AS-1500B	SIMATIC S7-1500 with TIA V17 (Basic Course)	Siemens Ltd., Kalwa	5 Days
AS-1500A	SIMATIC S7-1500 with TIA V17 (Advance Course)	Siemens Ltd., Kalwa	5 Days
AS-OL1500A	SIMATIC S7-1500 with TIA Portal V17 (Advance Course)	Online Training	5 Days
AS-OL-WINT	SIMATIC WinCC SCADA (WinCC Prof) in the TIA Portal	Online Training	5 Days
AS-TIA150F	SIMATIC Distributed Safety on S7-1500F With TIA Portal **New**	Siemens Ltd., Kalwa	3 Days
Process Control System SIMATIC PCS 7			
AS-PCS7B	DCS: SIMATIC PCS 7 Basic	Siemens Ltd., Kalwa	10 Days
AS-PCS7A	DCS: SIMATIC PCS 7 Advance	Siemens Ltd., Kalwa	10 Days
AS-SFP	SIMATIC Fail-safe (Process Safety) Course **New**	Siemens Ltd., Kalwa	3 Days
Drive & Switchgear Technology			
AP-CRANE	Application Based Crane Training	Siemens Ltd., Kalwa	5 Days
DR-S120B	SINAMICS S120 Basic	Siemens Ltd., Kalwa	5 Days
DR-S120A	SINAMICS S120 Advance	Siemens Ltd., Kalwa	5 Days
DR-SIMOB	SIMOTION Basic	Siemens Ltd., Kalwa	5 Days
LV-SM	SIMOCODE AC-Motor Control	Siemens Ltd., Kalwa	3 Days
TIA-MC	Basics of Motion Control 1 in TIA Portal ** New**	Siemens Ltd., Kalwa	4 Days

Code	Title	Location	Days
COMBO Courses **New**			
CO-CLS3040	SIMATIC S7-300 & S7-400 with SIMATIC Manager	Online Training	6 Days
CO-300WIN	SIMATIC S7-300 and WinCC v7.x	Online Training	6 Days
CO-TIA1215	SIMATIC S7-1200 & S7-1500 with TIA Portal	Online Training	6 Days
CO-TIAS120	SIMATIC S7-1500 PLC & SINAMICS S120	Online Training	6 Days
CO-G12S12	SINAMICS G120 & S120 Drives with STARTER	Online Training	6 Days
Maintenance Focused Course **New**			
MFC-G13S12	SINAMICS G130 & S120	Siemens Ltd., Kalwa	5 Days
MFC-R70R80	DC DRIVE 6RA70 & 6RA80	Siemens Ltd., Kalwa	5 Days
MFC-S7400	SIMATIC S7-400 with SIMATIC Manager	Siemens Ltd., Kalwa	3 Days
MFC-S71500	SIMATIC S7-1500 with TIA Portal	Siemens Ltd., Kalwa	3 Days
Blended Training New****			
BT-1500	Blended Training on SIMATIC S7 1500 with TIA Portal	Online Training	45 Hrs.

Kindly download the SITRAIN app on your mobile from following link for course details

- For Android users:
  https://play.google.com/store/apps/details?id=com.siemens.industry.onlinesupport
- For Apple users:
  https://apps.apple.com/in/app/industry-online-support/id478868966

SITRAIN Training in India

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3WA air circuit breakers

Made for makers. Simply reliable

Fail-safe power distribution is a job for makers. The 3WA air circuit breaker makes sure you get the job done reliably.

3WA air circuit breakers continue Siemens' tradition of switchgear innovation and bring power distribution into the digital age. Whether you are quality-conscious, efficient, future-, or system-oriented: The 3WA air circuit breaker will be the new central component in your panel.

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Future ready

Easy operation

Advanced connectivity

Smallest footprint

Shorter downtime

Efficient metering

Easy upgrade

Enhanced safety

Cyber security

High system availability

3WA air circuit breakers

The future of digital power distribution

The future will be connected.

The makers of tomorrow will require advanced diagnostics and safety during operation.They will need access to their power distribution system remotely and securely. With 3WA we invite you to a more connected and sustainable tomorrow.

Welcome to the future of digital power distribution.

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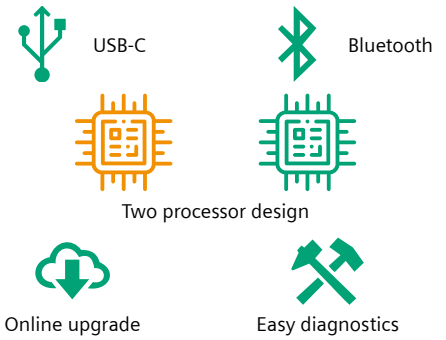
ACB: SENTRON 3WA

NEW

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Short circuit breaking capacity upto 150kA
- Fully rated upto 55°C with 100% rated neutral
- Best in class endurance
- Upgradeable ETU with unique dual processor
- Industry leading diagnostic & testing features
- Cybersecure communication module with dual communication
- Advanced metering as per IEC 61557-12



Standard breaking capacity I_{cs} = 100% I_{cu}

Manually operated ACB

Microprocessor based trip unit ETU600 with LSING[1] protection

Frame Size	Rated Current In (A)	Type	Withdrawable[2] design with Guide Frame		Fixed[3] mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WA1106....	POR	POR	POR	POR
	800	3WA1108....				
	1000	3WA1110....				
	1250	3WA1112....				
	1600	3WA1116....				
II	2000	3WA1220....				
	2500	3WA1225....				
	3200	3WA1232....				
	4000	3WA1240....				
III	5000	3WA1350....				
	6300	3WA1363....				

L: Overload protection
G: Ground fault protection
S: Delayed Short Circuit protection
N: Neutral protection
I: Short circuit protection

Note: Std. Pkg. = 1 unit

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.
2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, Spring charge, ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).
3) Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame Spring charge, ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Prices of ACBs with other breaking capacities, 1000/1150V AC applications & DC applications available on request

Add-on options (Factory fitted)

Description	Add LP* ₹
Door Interlock	POR
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit#	
Mutual Mechanical Interlocking (Bowden wire)	
PROFINET / MODBUS TCP Communication module	

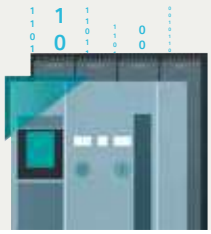
Castell locks are to be ordered separately.

Please contact your nearest Siemens Sales Office for complete ordering code.

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	POR
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	

Motorized mechanism with other control voltages are available on request

Scan for more info



Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil	–	24	3WA9111-0AD02	18270.-
Suitable for continuous operation	110	110	3WA9111-0AD05	18270.-
	230	220	3WA9111-0AD06	18270.-
Under Voltage Release (Instantaneous)	380-415	–	3WA9111-0AE07	20195.-
Motorised Operating Mechanism	–	24-30	3WA9111-0AF02	101010.-
	110-127	110-125	3WA9111-0AF05	101010.-
	208-240	220-250	3WA9111-0AF06	101010.-
Castell Lock	–	–	3WX3663-6JEL_ $	5715.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please contact your nearest Siemens Sales Office for type nos. and prices.

$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

Std. Pkg. = 1 unit POR: Price On Request

* LP - List Price

ACB: SENTRON 3WL*Plus*

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 55°C
- Neutral 100% rated
- Integrated online test facility
- Unique CubicleBus technology
- Data communication and power management options

Standard breaking capacity I_{cs} = 100% I_{cu}

Manually operated ACB

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

Frame Size	Rated Current In (A)	Type	Withdrawable design with Guide Frame		Fixed mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WL1106....	429905.-	543065.-	283690.-	425555.-
	800	3WL1108....	434610.-	553735.-	292420.-	436405.-
	1000	3WL1110....	446075.-	592040.-	320920.-	460885.-
	1250	3WL1112....	540055.-	683020.-	394745.-	562585.-
	1600	3WL1116....	595460.-	750295.-	417785.-	606020.-
II	2000	3WL1220....	658995.-	834685.-	466450.-	667880.-
	2500	3WL1225....	740920.-	970580.-	474255.-	727340.-
	3200	3WL1232....	959855.-	1318245.-	656155.-	1104465.-
	4000	3WL1240....	1104130.-	1402065.-	893215.-	1210465.-
III	5000	3WL1350....	1824020.-	2314245.-	1628305.-	2137420.-
	6300	3WL1363....	2452205.-	3081500.-	2125740.-	2803030.-

Prices of ACBs with other breaking capacities available on request.

Note: Std. Pkg. = 1 unit

L: Overload protection
S: Delayed Short Circuit protection
I: Short circuit protection
G: Ground fault protection
N: Neutral protection

Add-on options (Factory fitted)

Microprocessor based Release	Add LP* ₹
For ground fault protection	31915.-
Protection function LSIN with Current display	15255.-
Protection function LSING with Current display	45755.-

For prices of breakers with other types of microprocessor based trip unit, please contact your nearest Siemens Sales Office

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	117255.-
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	117255.-

Motorized mechanism with other control voltages are available on request

Add-on options (Factory fitted)

Description	Add LP* ₹
Spring Charge Signal Switch	10115.-
Door Interlock	8565.-
Position Signal Switch for Withdrawable Breaker	22180.-
Castell lock mounting kit#	7220.-
Mutual Mechanical Interlocking (Bowden wire)	POR
Metering function Plus *(voltage transformer must be ordered separately)*	
Profibus communication connection (COM15 + BSS)	
Modbus communication connection (COM16 + BSS)	
Modbus TCP/PROFINET communication connection (COM35 + BSS) NEW	

ACB for 1000/1150 V AC operation and DC application available on request

All ACBs are with Top Horizontal - Bottom Horizontal main terminals except 6300A & 4000A which have only Vertical-Vertical main termination.

Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, ready to close signal switch, auxiliary contacts 2NO+ 2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).

Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, ready to close signal switch, auxiliary contacts 2NO+2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Neutral CT if required, shall be ordered separately. #Castell locks are to be ordered separately.

Please contact your nearest Siemens Sales Office for complete ordering code.

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil	–	24	3WA9111-0AD02	18270.-
Suitable for continuous operation	110	110	3WA9111-0AD05	18270.-
	230	220	3WA9111-0AD06	18270.-
Under Voltage Release (Instantaneous)	380-415	–	3WA9111-0AE07	20195.-
Motorised Operating Mechanism	–	24-30	3WA9111-0AF02	101010.-
	110-127	110-125	3WA9111-0AF05	101010.-
	208-240	220-250	3WA9111-0AF06	101010.-
Auxiliary Switch Block	2NO+2NC		3WL9111-0AG01-0AA0	13035.-
Castell Lock	–	–	3WX3663-6JEL_ $	5715.-

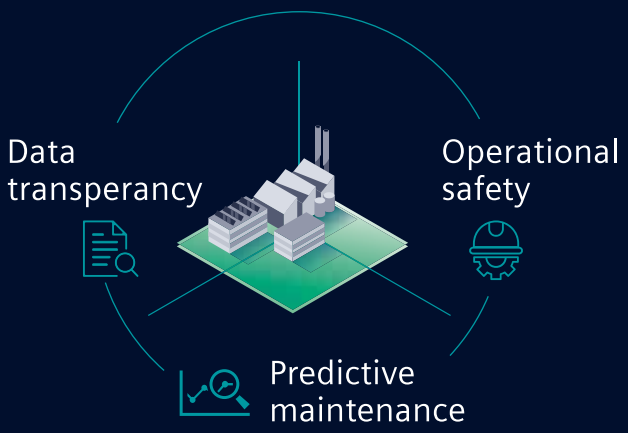
Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please contact your nearest Siemens Sales Office for type nos. and prices.
$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.
Std. Pkg. = 1 unit POR: Price On Request

* LP - List Price

SENTRON 3WT*Plus*
Air Circuit Breakers

Powering smart installations

- Integrated communication and metering option
- Easy parameterization and diagnostics with Powerconfig



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ACB: 3WT*Plus*

- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- U_{imp} = 12kV
- **Integrated communication & metering option**
- **Easy parameterization and diagnostics with Powerconfig**
- Mechanical contact erosion indicator
- Fully rated upto 50°C
- Integrated LCD display and Online test facility
- Variants available for 690V AC applications

Standard breaking capacity, 500VAC I_{cs} = 100% I_{cu}

Microprocessor based trip unit ETU37WT: LSING[1] + Display

Frame Size	Rated current In (A)			Withdrawable design with Guide Frame [2]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MDO	3WT8061-6AA04-5AB2	306835.-	3WT8065-6AA04-5AB2	398895.-
			EDO	3WT8061-6UA34-5AB2	396885.-	3WT8065-6UA34-5AB2	488945.-
		800	MDO	3WT8081-6AA04-5AB2	323825.-	3WT8085-6AA04-5AB2	423905.-
			EDO	3WT8081-6UA34-5AB2	413875.-	3WT8085-6UA34-5AB2	513955.-
		1000	MDO	3WT8101-6AA04-5AB2	332615.-	3WT8105-6AA04-5AB2	431445.-
			EDO	3WT8101-6UA34-5AB2	422665.-	3WT8105-6UA34-5AB2	521495.-
		1250	MDO	3WT8121-6AA04-5AB2	408550.-	3WT8125-6AA04-5AB2	485685.-
			EDO	3WT8121-6UA34-5AB2	498600.-	3WT8125-6UA34-5AB2	575735.-
	●	1600	MDO	3WT8161-6AA04-5AB2	438485.-	3WT8165-6AA04-5AB2	530800.-
			EDO	3WT8161-6UA34-5AB2	528535.-	3WT8165-6UA34-5AB2	620850.-
II	●	2000	MDO	3WT8202-6AA04-5AB2	550920.-	3WT8206-6AA04-5AB2	678050.-
			EDO	3WT8202-6UA34-5AB2	640970.-	3WT8206-6UA34-5AB2	768100.-
	●	2500	MDO	3WT8252-6AA04-5AB2	624035.-	3WT8256-6AA04-5AB2	793360.-
			EDO	3WT8252-6UA34-5AB2	714085.-	3WT8256-6UA34-5AB2	883410.-
	●	3200	MDO	3WT8322-6AA04-5AB2	800045.-	3WT8326-6AA04-5AB2	981665.-
			EDO	3WT8322-6UA34-5AB2	890095.-	3WT8326-6UA34-5AB2	1071715.-

Microprocessor based Trip Units
ETU35WT: LSI + Display — 5 Reduce 1235.- — 5 Reduce 1235.-

Microprocessor based trip unit ETU37WT: LSING[1] + Display

Frame Size	Rated current In (A)			Fixed Mounted design [3]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MF	3WT8061-6AA00-0AA2	225480.-	3WT8065-6AA00-0AA2	305060.-
			EF	3WT8061-6UA30-0AA2	315530.-	3WT8065-6UA30-0AA2	395110.-
		800	MF	3WT8081-6AA00-0AA2	243390.-	3WT8085-6AA00-0AA2	334890.-
			EF	3WT8081-6UA30-0AA2	333440.-	3WT8085-6UA30-0AA2	424940.-
		1000	MF	3WT8101-6AA00-0AA2	248115.-	3WT8105-6AA00-0AA2	354770.-
			EF	3WT8101-6UA30-0AA2	338165.-	3WT8105-6UA30-0AA2	444820.-
		1250	MF	3WT8121-6AA00-0AA2	337485.-	3WT8125-6AA00-0AA2	399085.-
			EF	3WT8121-6UA30-0AA2	427535.-	3WT8125-6UA30-0AA2	489135.-
	●	1600	MF	3WT8161-6AA00-0AA2	344590.-	3WT8165-6AA00-0AA2	427485.-
			EF	3WT8161-6UA30-0AA2	434640.-	3WT8165-6UA30-0AA2	517535.-
II	●	2000	MF	3WT8202-6AA00-0AA2	387540.-	3WT8206-6AA00-0AA2	556320.-
			EF	3WT8202-6UA30-0AA2	477590.-	3WT8206-6UA30-0AA2	646370.-
	●	2500	MF	3WT8252-6AA00-0AA2	437445.-	3WT8256-6AA00-0AA2	653165.-
			EF	3WT8252-6UA30-0AA2	527495.-	3WT8256-6UA30-0AA2	743215.-
	●	3200	MF	3WT8322-6AA00-0AA2	666040.-	3WT8326-6AA00-0AA2	820265.-
			EF	3WT8322-6UA30-0AA2	756090.-	3WT8326-6UA30-0AA2	910315.-

Microprocessor based Trip Units
ETU35WT: LSI + Display — 5 Reduce 1235.- — 5 Reduce 1235.-

For Non-Automatic ACBs please deduct ₹ 2810/- from the LPs of the ACBs marked ●. *For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office*

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection G: Ground fault protection[1] N: Neutral protection[1]

Standard accessories included for electrical ACB (EDO/EF) = Motor operated mechanism, with mechanical and electrical closing, motor and closing solenoid of 220-240V AC/DC and shunt release of 220-240V AC/DC.

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.

2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, sealing cap over Off button, door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+ 2NC

3) Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, trip signaling contact, ready to close signaling contact, auxiliary contacts 2NO+2NC

Note: Please contact your nearest Siemens Sales Office for information on prices of 4000A ACB. **Additional LP for 690V AC ACB - ₹ 40785/-**

Std. Pkg. = 1 unit * LP - List Price

3WT*Plus* Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Motorized Operating Mechanism with Electrical closing	110-127	110-125	3WT9831-1JH00	96630.-
	220-240	220-250	3WT9831-1JK00	96630.-
Shunt Release or Closing Coil Suitable for continuous operation	–	24	3WT9851-1JB00	8275.-
	110-127	110-125	3WT9851-1JH00	8275.-
	220-240	220-250	3WT9851-1JK00	8275.-
Under Voltage Release Instantaneous	110-127	110-125	3WT9853-1JH00	8600.-
	208-240	220-250	3WT9853-1JK00	8600.-
	380-415	–	3WT9853-1JM00	8600.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9825-1JC00	6045.-
	Drawout circuit breaker		3WT9827-1JA00	6045.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	4625.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	18705.-
5 digit operating cycle counter			3WT9864-0CA00	15615.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	14520.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	14520.-
Castell Lock Mounting Kit *(to prevent unauthorized closing of the circuit breaker)*			3WT9863-6JE00	13395.-
Castell Lock			3WX3663-6JEL_#	5715.-
Door Sealing Frame *(Also suitable for 3WL ACB)*			3WX3686-0JA00	3640.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	30495.-
	Size II		3WL9111-0AA22-0AA0	37080.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	33470.-
	Size II		3WL9111-0AA32-0AA0	38415.-

Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

For fitment of motor/ shunt/ closing coil/ UV release/ addl. auxiliary contacts please order necessary Auxiliary terminal blocks as per circuit diagram.

Add-on options (Factory fitted)

Description	Unit LP* ₹
MODBUS RTU communication module	POR
Metering function with integrated Voltage tap	
Arc chute cover	
Phase barriers	

Retrofit solution

Description	Unit LP* ₹
Ready to fit kit for upgrading from our old or other make conventional Air Circuit Breaker to modern SENTRON range of ACBs. • Minimum Shut Down Time • No change in the existing panel except door cut out • No change in the existing panel bus-bars • Proven Siemens Design • No over heating • Cost Effective & Quality Solution	Upon enquiry

For more details write to us at: ics.india@siemens.com • Toll Free No: 1800220987/18002090987

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price

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MCCB: SENTRON 3VA

- Rated current: 16A to 1250A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Thermal magnetic and Microprocessor based trip unit
- Common Internal accessories for the entire range
- Information on the GO - Unique Knowledge Manager (QR Code) for 24 X 7 Technical Information
- Innovative Accessories viz. Short Circuit Alarm Switch, Illuminated Handle, Shunt Trip Flexible etc

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	10535.-	3VA1096-2ED42-0AA0	13655.-
		20	3VA1020-2ED32-0AA0	10535.-	3VA1020-2ED42-0AA0	13655.-
		25	3VA1025-2ED32-0AA0	10535.-	3VA1025-2ED42-0AA0	13655.-
		32	3VA1032-2ED32-0AA0	10535.-	3VA1032-2ED42-0AA0	13655.-
		40	3VA1040-2ED32-0AA0	10535.-	3VA1040-2ED42-0AA0	13655.-
		50	3VA1050-2ED32-0AA0	10535.-	3VA1050-2ED42-0AA0	13655.-
		63	3VA1063-2ED32-0AA0	10535.-	3VA1063-2ED42-0AA0	13655.-
		80	3VA1080-2ED32-0AA0	11525.-	3VA1080-2ED42-0AA0	14965.-
		100	3VA1010-2ED32-0AA0	13340.-	3VA1010-2ED42-0AA0	17370.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	10820.-	3VA1096-3ED42-0AA0	14115.-
		20	3VA1020-3ED32-0AA0	10820.-	3VA1020-3ED42-0AA0	14115.-
		25	3VA1025-3ED32-0AA0	10820.-	3VA1025-3ED42-0AA0	14115.-
		32	3VA1032-3ED32-0AA0	10820.-	3VA1032-3ED42-0AA0	14115.-
		40	3VA1040-3ED32-0AA0	10820.-	3VA1040-3ED42-0AA0	14115.-
		50	3VA1050-3ED32-0AA0	10820.-	3VA1050-3ED42-0AA0	14115.-
		63	3VA1063-3ED32-0AA0	10820.-	3VA1063-3ED42-0AA0	14115.-
		80	3VA1080-3ED32-0AA0	11765.-	3VA1080-3ED42-0AA0	15310.-
		100	3VA1010-3ED32-0AA0	13870.-	3VA1010-3ED42-0AA0	17725.-
3VA11		125	3VA1112-3ED32-0AA0	23385.-	3VA1112-3ED42-0AA0	29800.-
		160	3VA1116-3ED32-0AA0	26705.-	3VA1116-3ED42-0AA0	34750.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	11420.-	3VA1196-4GD42-0AA0	15800.-
		20	3VA1020-4ED32-0AA0	11420.-	3VA1120-4GD42-0AA0	15800.-
		25	3VA1025-4ED32-0AA0	11420.-	3VA1125-4GD42-0AA0	15800.-
		32	3VA1032-4ED32-0AA0	11420.-	3VA1132-4GD42-0AA0	15800.-
		40	3VA1040-4ED32-0AA0	11420.-	3VA1140-4GD42-0AA0	15800.-
		50	3VA1050-4ED32-0AA0	11420.-	3VA1150-4GD42-0AA0	15800.-
		63	3VA1063-4ED32-0AA0	11420.-	3VA1163-4GD42-0AA0	15800.-
		80	3VA1080-4ED32-0AA0	11980.-	3VA1180-4GD42-0AA0	17325.-
		100	3VA1010-4ED32-0AA0	14425.-	3VA1110-4GD42-0AA0	20015.-
3VA11		125	3VA1112-4ED32-0AA0	24920.-	3VA1112-4GD42-0AA0	32395.-
		160	3VA1116-4ED32-0AA0	29055.-	3VA1116-4GD42-0AA0	37780.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	13380.-	3VA1196-5GD42-0AA0	17370.-
		20	3VA1120-5ED32-0AA0	13380.-	3VA1120-5GD42-0AA0	17370.-
		25	3VA1125-5ED32-0AA0	13380.-	3VA1125-5GD42-0AA0	17370.-
		32	3VA1132-5ED32-0AA0	13380.-	3VA1132-5GD42-0AA0	17370.-
		40	3VA1140-5ED32-0AA0	13380.-	3VA1140-5GD42-0AA0	17370.-
		50	3VA1150-5ED32-0AA0	13380.-	3VA1150-5GD42-0AA0	17370.-
		63	3VA1163-5ED32-0AA0	13640.-	3VA1163-5GD42-0AA0	17370.-
		80	3VA1180-5ED32-0AA0	14680.-	3VA1180-5GD42-0AA0	19075.-
		100	3VA1110-5ED32-0AA0	16995.-	3VA1110-5GD42-0AA0	22045.-
		125	3VA1112-5ED32-0AA0	27385.-	3VA1112-5GD42-0AA0	35590.-
		160	3VA1116-5ED32-0AA0	31935.-	3VA1116-5GD42-0AA0	41555.-

^ 3VA1 TMTU up to 160A

Std. Pkg. = 1 unit * LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	13735.-	3VA1196-3GE42-0AA0	19670.-
		20	3VA1120-3EE32-0AA0	13735.-	3VA1120-3GE42-0AA0	19670.-
		25	3VA1125-3EE32-0AA0	13735.-	3VA1125-3GE42-0AA0	19670.-
		32	3VA1132-3EE32-0AA0	13735.-	3VA1132-3GE42-0AA0	19670.-
		40	3VA1140-3EE32-0AA0	13735.-	3VA1140-3GE42-0AA0	19670.-
		50	3VA1150-3EE32-0AA0	13735.-	3VA1150-3GE42-0AA0	19670.-
		63	3VA1163-3EE32-0AA0	13735.-	3VA1163-3GE42-0AA0	19670.-
		80	3VA1180-3EE32-0AA0	13735.-	3VA1180-3GE42-0AA0	19670.-
		100	3VA1110-3EE32-0AA0	14680.-	3VA1110-3GE42-0AA0	19670.-
		125	3VA1112-3EE32-0AA0	24920.-	3VA1112-3GE42-0AA0	30685.-
		160	3VA1116-3EE32-0AA0	27490.-	3VA1116-3GE42-0AA0	35645.-
3VA11	36kA	16	3VA1196-4EE32-0AA0	16955.-	3VA1196-4GE42-0AA0	22195.-
		20	3VA1120-4EE32-0AA0	16955.-	3VA1120-4GE42-0AA0	22195.-
		25	3VA1125-4EE32-0AA0	16955.-	3VA1125-4GE42-0AA0	22195.-
		32	3VA1132-4EE32-0AA0	16955.-	3VA1132-4GE42-0AA0	22195.-
		40	3VA1140-4EE32-0AA0	16955.-	3VA1140-4GE42-0AA0	22195.-
		50	3VA1150-4EE32-0AA0	16955.-	3VA1150-4GE42-0AA0	22195.-
		63	3VA1163-4EE32-0AA0	16955.-	3VA1163-4GE42-0AA0	22195.-
		80	3VA1180-4EE32-0AA0	16955.-	3VA1180-4GE42-0AA0	22195.-
		100	3VA1110-4EE32-0AA0	16955.-	3VA1110-4GE42-0AA0	22195.-
		125	3VA1112-4EE32-0AA0	26090.-	3VA1112-4GE42-0AA0	33240.-
		160	3VA1116-4EE32-0AA0	29860.-	3VA1116-4GE42-0AA0	38755.-
3VA12		200	3VA1220-4EE32-0AA0	37670.-	3VA1220-4GE42-0AA0	46415.-
		250	3VA1225-4EE32-0AA0	39935.-	3VA1225-4GE42-0AA0	50140.-
3VA13		320	3VA1332-4EE32-0AA0	53550.-	3VA1332-4GE42-0AA0	69330.-
		400	3VA1340-4EE32-0AA0	53550.-	3VA1340-4GE42-0AA0	69330.-
3VA14		500	3VA1450-4EE32-0AA0	69115.-	3VA1450-4GE42-0AA0	89535.-
		630	3VA1463-4EE32-0AA0	69115.-	3VA1463-4GE42-0AA0	89535.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	19320.-	3VA1196-5GE42-0AA0	24420.-
		20	3VA1120-5EE32-0AA0	19320.-	3VA1120-5GE42-0AA0	24420.-
		25	3VA1125-5EE32-0AA0	19320.-	3VA1125-5GE42-0AA0	24420.-
		32	3VA1132-5EE32-0AA0	19320.-	3VA1132-5GE42-0AA0	24420.-
		40	3VA1140-5EE32-0AA0	19320.-	3VA1140-5GE42-0AA0	24420.-
		50	3VA1150-5EE32-0AA0	19320.-	3VA1150-5GE42-0AA0	24420.-
		63	3VA1163-5EE32-0AA0	19320.-	3VA1163-5GE42-0AA0	24420.-
		80	3VA1180-5EE32-0AA0	19320.-	3VA1180-5GE42-0AA0	24420.-
		100	3VA1110-5EE32-0AA0	19320.-	3VA1110-5GE42-0AA0	24420.-
		125	3VA1112-5EE32-0AA0	30345.-	3VA1112-5GE42-0AA0	36445.-
		160	3VA1116-5EE32-0AA0	32825.-	3VA1116-5GE42-0AA0	42365.-
3VA12		200	3VA1220-5EE32-0AA0	39225.-	3VA1220-5GE42-0AA0	47910.-
		250	3VA1225-5EE32-0AA0	41590.-	3VA1225-5GE42-0AA0	52690.-
3VA13		320	3VA1332-5EE32-0AA0	61060.-	3VA1332-5GE42-0AA0	76495.-
		400	3VA1340-5EE32-0AA0	61060.-	3VA1340-5GE42-0AA0	76495.-
3VA14		500	3VA1450-5EE32-0AA0	78975.-	3VA1450-5GE42-0AA0	98660.-
		630	3VA1463-5EE32-0AA0	78975.-	3VA1463-5GE42-0AA0	98660.-
3VA15		800#	3VA1580-5EF32-0AA0	117990.-	3VA1580-5GF42-0AA0	152905.-
		1000#	3VA1510-5EF32-0AA0	164835.-	3VA1510-5GF42-0AA0	213895.-
3VA11	70kA	16	3VA1196-6EE32-0AA0	26435.-	3VA1196-6GE42-0AA0	33230.-
		20	3VA1120-6EE32-0AA0	26435.-	3VA1120-6GE42-0AA0	33230.-
		25	3VA1125-6EE32-0AA0	26435.-	3VA1125-6GE42-0AA0	33230.-
		32	3VA1132-6EE32-0AA0	26435.-	3VA1132-6GE42-0AA0	33230.-
		40	3VA1140-6EE32-0AA0	26435.-	3VA1140-6GE42-0AA0	33230.-
		50	3VA1150-6EE32-0AA0	26435.-	3VA1150-6GE42-0AA0	33230.-
		63	3VA1163-6EE32-0AA0	26435.-	3VA1163-6GE42-0AA0	33230.-
		80	3VA1180-6EE32-0AA0	26435.-	3VA1180-6GE42-0AA0	33230.-
		100	3VA1110-6EE32-0AA0	26435.-	3VA1110-6GE42-0AA0	33230.-
		125	3VA1112-6EE32-0AA0	49150.-	3VA1112-6GE42-0AA0	52705.-
		160	3VA1116-6EE32-0AA0	49150.-	3VA1116-6GE42-0AA0	52705.-
3VA12		200	3VA1220-6EE32-0AA0	52900.-	3VA1220-6GE42-0AA0	68070.-
		250	3VA1225-6EE32-0AA0	59285.-	3VA1225-6GE42-0AA0	68070.-
3VA13		320	3VA1332-6EE32-0AA0	66930.-	3VA1332-6GE42-0AA0	86525.-
		400	3VA1340-6EE32-0AA0	66930.-	3VA1340-6GE42-0AA0	86525.-
3VA14		500	3VA1450-6EE32-0AA0	95140.-	3VA1450-6GE42-0AA0	123350.-
		630	3VA1463-6EE32-0AA0	95140.-	3VA1463-6GE42-0AA0	123350.-
3VA15		800#	3VA1580-6EF32-0AA0	129930.-	3VA1580-6GF42-0AA0	168375.-
		1000#	3VA1510-6EF32-0AA0	181185.-	3VA1510-6GF42-0AA0	235540.-

Std. Pkg. = 1 unit # - Adjustable Thermal, Adjustable Magnetic * LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Adj. Magnetic (ATAM), Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA12	36kA	250	3VA1225-4EF32-0AA0	POR	3VA1225-4GF42-0AA0	POR
3VA13		320	3VA1332-4EF32-0AA0		3VA1332-4GF42-0AA0	
		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
3VA14		500	3VA1450-4EF32-0AA0		3VA1450-4GF42-0AA0	
		630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA12	55kA	250	3VA1225-5EF32-0AA0		3VA1225-5GF42-0AA0	
3VA13		320	3VA1332-5EF32-0AA0		3VA1332-5GF42-0AA0	
		400	3VA1340-5EF32-0AA0		3VA1340-5GF42-0AA0	
3VA14		500	3VA1450-5EF32-0AA0		3VA1450-5GF42-0AA0	
		630	3VA1463-5EF32-0AA0		3VA1463-5GF42-0AA0	
3VA12	70kA	250	3VA1225-6EF32-0AA0		3VA1225-6GF42-0AA0	
3VA13		320	3VA1332-6EF32-0AA0		3VA1332-6GF42-0AA0	
		400	3VA1340-6EF32-0AA0		3VA1340-6GF42-0AA0	
3VA14		500	3VA1450-6EF32-0AA0		3VA1450-6GF42-0AA0	
		630	3VA1463-6EF32-0AA0		3VA1463-6GF42-0AA0	

For lower ratings, please contact your nearest Siemens Sales Office

SENTRON 3VA MCCB for Motor Starter Protection (Adjustable Magnetic trip unit, 3pole)

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)		Breaking Capacity (70kA, 415V, 50Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0&	17765.-	3VA1181-6MG32-0AA0&	21820.-
	2	3VA1102-5MG32-0AA0&	17765.-	3VA1102-6MG32-0AA0&	21820.-
	4	3VA1104-5MG32-0AA0&	17765.-	3VA1104-6MG32-0AA0&	21820.-
	8	3VA1108-5MG32-0AA0&	17765.-	3VA1108-6MG32-0AA0&	21820.-
	12.5	3VA1192-5MG32-0AA0&	17765.-	3VA1192-6MG32-0AA0&	21820.-
	20	3VA1120-5MH32-0AA0	17765.-	3VA1120-6MH32-0AA0	21820.-
	32	3VA1132-5MH32-0AA0	21225.-	3VA1132-6MH32-0AA0	22870.-
	40	3VA1140-5MH32-0AA0	21225.-	3VA1140-6MH32-0AA0	22870.-
	50	3VA1150-5MH32-0AA0	21225.-	3VA1150-6MH32-0AA0	22870.-
	63	3VA1163-5MH32-0AA0	21225.-	3VA1163-6MH32-0AA0	22870.-
	80	3VA1180-5MH32-0AA0	21225.-	3VA1180-6MH32-0AA0	22870.-
	100	3VA1110-5MH32-0AA0	21225.-	3VA1110-6MH32-0AA0	22870.-
	125	3VA1112-5MH32-0AA0	30445.-	3VA1112-6MH32-0AA0	32905.-
3VA12	160	3VA1216-5MH32-0AA0	31945.-	3VA1216-6MH32-0AA0	45525.-
	200	3VA1220-5MH32-0AA0	43935.-	3VA1220-6MH32-0AA0	53915.-
3VA13	250	3VA1325-5MH32-0AA0	47940.-	3VA1325-6MH32-0AA0	54565.-
	320	3VA1332-5MH32-0AA0	65785.-	3VA1332-6MH32-0AA0	74965.-
3VA14	400	3VA1440-5MH32-0AA0	75305.-	3VA1440-6MH32-0AA0	78680.-
	500	3VA1450-5MH32-0AA0	86690.-	3VA1450-6MH32-0AA0	98425.-
3VA15	630	3VA1563-5MH32-0AA0	99940.-	3VA1563-6MH32-0AA0	108875.-
	800	3VA1580-5MH32-0AA0	132750.-	3VA1580-6MH32-0AA0	146175.-

POR: Price On Request
Std. Pkg. = 1 unit
& Fixed magnetic trip unit

* LP - List Price

SENTRON 3VA MCCB, Switch Disconnector (without protection)

Frame Size	Breaking Capacity	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	NA	63	3VA1163-1AA32-0AA0	14910.-	3VA1163-1AA42-0AA0	22035.-
		100	3VA1110-1AA32-0AA0	14910.-	3VA1110-1AA42-0AA0	22035.-
		125	3VA1112-1AA32-0AA0	30505.-	3VA1112-1AA42-0AA0	40665.-
		160	3VA1116-1AA32-0AA0	30505.-	3VA1116-1AA42-0AA0	40665.-
3VA12	NA	250	3VA1225-1AA32-0AA0	30505.-	3VA1225-1AA42-0AA0	40665.-
3VA13	NA	400	3VA1340-1AA32-0AA0	39345.-	3VA1340-1AA42-0AA0	51155.-

NA - Not Applicable

Earth fault and Earth leakage protection for SENTRON 3VA moulded case circuit breaker

Earth fault monitoring relay

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	5805.-
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	2005.-
	4P	7UG09911	2285.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 250A	3P	7UG09912	2420.-
	4P	7UG09913	2850.-
CBCT for EFR: 630 frame Suitable for 3VA2 400A/ 630A	3P	7UG09914	3565.-
	4P	7UG09915	3855.-

Earth leakage monitoring relay

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	5615.-
	230VAC	7UG0842-1CD20	5670.-
CBCT for ELR	35 mm dia	7UG0996	2045.-
	70 mm dia	7UG0997	2335.-
	120 mm dia	7UG0999	3975.-
	210 mm dia	7UG0994	7650.-
	310 mm dia	7UG0995	11400.-

Note: Order 1 no of shunt trip release for MCCB seperately along with earth fault relay / earth leakage relay

MCCB
with O/L & S/C protection

+

Shunt release

+

Ext. Earth fault / Ext. Earth
Leakage Relay & CBCT

=

MCCB
with O/L, S/C & E/F protection
with O/L, S/C & Earth Leakage
protection

Std. Pkg. = 1 unit

* LP - List Price

SIEMENS

Condition monitoring with the 3VA moulded case circuit breaker. **As simple as that.**

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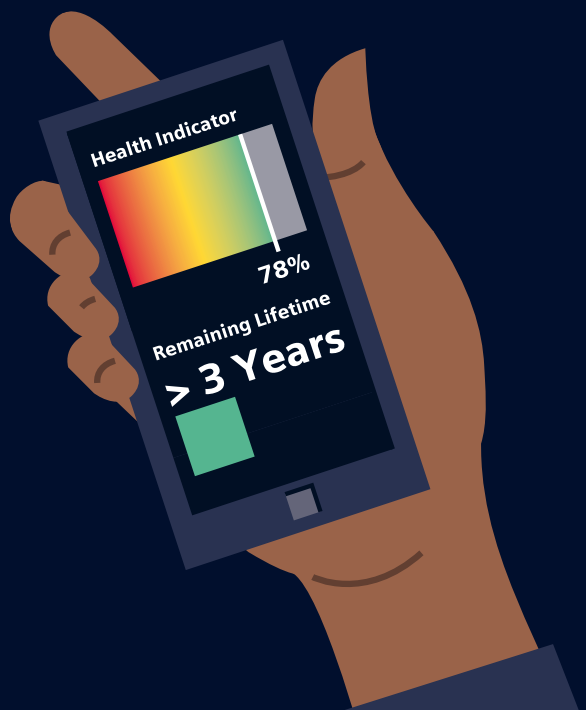
Thanks to optimally scheduled maintenance times, you can prevent equipment and plant failures due to uncoordinated maintenance of individual devices and optimize the health of your entire plant.

- Predictive maintenance
- Improved organization of personnel and material costs
- Optimized energy availability
- Reduced time and costs for maintenance

When time savings go hand in hand with optimized plant reliability

With condition monitoring directly on the 3VA and remotely on the end device, you get reliable information about the health of your system and the remaining service life of your circuit breaker.



SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	32340.-	3VA2025-4HL42-0AA0	41690.-
		40	3VA2040-4HL32-0AA0	32340.-	3VA2040-4HL42-0AA0	41690.-
		63	3VA2063-4HL32-0AA0	32340.-	3VA2063-4HL42-0AA0	41690.-
		100	3VA2010-4HL32-0AA0	32340.-	3VA2010-4HL42-0AA0	41690.-
3VA21		160	3VA2116-4HL32-0AA0	43720.-	3VA2116-4HL42-0AA0	61020.-
3VA22		250	3VA2225-4HL32-0AA0	60000.-	3VA2225-4HL42-0AA0	81355.-
3VA23		400	3VA2340-4HL32-0AA0	80165.-	3VA2340-4HL42-0AA0	105515.-
3VA24		630	3VA2463-4HL32-0AA0	83345.-	3VA2463-4HL42-0AA0	110440.-
3VA20	55kA	25	3VA2025-5HL32-0AA0	41125.-	3VA2025-5HL42-0AA0	56335.-
		40	3VA2040-5HL32-0AA0	41125.-	3VA2040-5HL42-0AA0	56335.-
		63	3VA2063-5HL32-0AA0	41125.-	3VA2063-5HL42-0AA0	56335.-
		100	3VA2010-5HL32-0AA0	41125.-	3VA2010-5HL42-0AA0	56335.-
3VA21		160	3VA2116-5HL32-0AA0	52125.-	3VA2116-5HL42-0AA0	67500.-
3VA22		250	3VA2225-5HL32-0AA0	68105.-	3VA2225-5HL42-0AA0	89920.-
3VA23		400	3VA2340-5HL32-0AA0	86435.-	3VA2340-5HL42-0AA0	113275.-
3VA24		630	3VA2463-5HL32-0AA0	106175.-	3VA2463-5HL42-0AA0	118575.-
3VA25		800	3VA2580-5HL32-0AA0	155250.-	3VA2580-5HL42-0AA0	198600.-
		1000	3VA2510-5HL32-0AA0	205715.-	3VA2510-5HL42-0AA0	274635.-
3VA26		1250	3VA2612-5HL32-0AA0	291660.-	3VA2612-5HL42-0AA0	389460.-
3VA20	85kA	25	3VA2025-6HL32-0AA0	53760.-	3VA2025-6HL42-0AA0	66605.-
		40	3VA2040-6HL32-0AA0	53760.-	3VA2040-6HL42-0AA0	66605.-
		63	3VA2063-6HL32-0AA0	53760.-	3VA2063-6HL42-0AA0	66605.-
		100	3VA2010-6HL32-0AA0	53760.-	3VA2010-6HL42-0AA0	66605.-
3VA21		160	3VA2116-6HL32-0AA0	70495.-	3VA2116-6HL42-0AA0	89990.-
3VA22		250	3VA2225-6HL32-0AA0	78290.-	3VA2225-6HL42-0AA0	114015.-
3VA23		400	3VA2340-6HL32-0AA0	98245.-	3VA2340-6HL42-0AA0	129005.-
3VA24		630	3VA2463-6HL32-0AA0	117365.-	3VA2463-6HL42-0AA0	156605.-
3VA25		800	3VA2580-6HL32-0AA0	170690.-	3VA2580-6HL42-0AA0	227045.-
		1000	3VA2510-6HL32-0AA0	235255.-	3VA2510-6HL42-0AA0	314030.-
3VA26		1250	3VA2612-6HL32-0AA0	333325.-	3VA2612-6HL42-0AA0	446170.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU330 LIG, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HM32-0AA0	44540.-	3VA2025-4HM42-0AA0	54910.-
		40	3VA2040-4HM32-0AA0	44540.-	3VA2040-4HM42-0AA0	54910.-
		63	3VA2063-4HM32-0AA0	44540.-	3VA2063-4HM42-0AA0	54910.-
		100	3VA2010-4HM32-0AA0	44540.-	3VA2010-4HM42-0AA0	54910.-
3VA21		160	3VA2116-4HM32-0AA0	56335.-	3VA2116-4HM42-0AA0	70160.-
3VA22		250	3VA2225-4HM32-0AA0	71195.-	3VA2225-4HM42-0AA0	89490.-
3VA23		400	3VA2340-4HM32-0AA0	95750.-	3VA2340-4HM42-0AA0	120775.-
3VA24		630	3VA2463-4HM32-0AA0	105330.-	3VA2463-4HM42-0AA0	132830.-
3VA20	55kA	25	3VA2025-5HM32-0AA0	50770.-	3VA2025-5HM42-0AA0	58175.-
		40	3VA2040-5HM32-0AA0	50770.-	3VA2040-5HM42-0AA0	58175.-
		63	3VA2063-5HM32-0AA0	50770.-	3VA2063-5HM42-0AA0	58175.-
		100	3VA2010-5HM32-0AA0	51815.-	3VA2010-5HM42-0AA0	60805.-
3VA21		160	3VA2116-5HM32-0AA0	69810.-	3VA2116-5HM42-0AA0	83770.-
3VA22		250	3VA2225-5HM32-0AA0	85135.-	3VA2225-5HM42-0AA0	106250.-
3VA23		400	3VA2340-5HM32-0AA0	102800.-	3VA2340-5HM42-0AA0	129670.-
3VA24		630	3VA2463-5HM32-0AA0	113100.-	3VA2463-5HM42-0AA0	142615.-
3VA25		800	3VA2580-5HM32-0AA0	164125.-	3VA2580-5HM42-0AA0	213370.-
		1000	3VA2510-5HM32-0AA0	220485.-	3VA2510-5HM42-0AA0	289415.-
3VA26		1250	3VA2612-5HM32-0AA0	308440.-	3VA2612-5HM42-0AA0	407400.-
3VA20	85kA	25	3VA2025-6HM32-0AA0	63390.-	3VA2025-6HM42-0AA0	77095.-
		40	3VA2040-6HM32-0AA0	63390.-	3VA2040-6HM42-0AA0	77095.-
		63	3VA2063-6HM32-0AA0	63390.-	3VA2063-6HM42-0AA0	77095.-
		100	3VA2010-6HM32-0AA0	63390.-	3VA2010-6HM42-0AA0	77095.-
3VA21		160	3VA2116-6HM32-0AA0	80765.-	3VA2116-6HM42-0AA0	101375.-
3VA22		250	3VA2225-6HM32-0AA0	94590.-	3VA2225-6HM42-0AA0	132710.-
3VA23		400	3VA2340-6HM32-0AA0	114610.-	3VA2340-6HM42-0AA0	145370.-
3VA24		630	3VA2463-6HM32-0AA0	126065.-	3VA2463-6HM42-0AA0	159925.-
3VA25		800	3VA2580-6HM32-0AA0	184925.-	3VA2580-6HM42-0AA0	241820.-
		1000	3VA2510-6HM32-0AA0	249480.-	3VA2510-6HM42-0AA0	328800.-
3VA26		1250	3VA2612-6HM32-0AA0	350685.-	3VA2612-6HM42-0AA0	464105.-

Std. Pkg. = 1 unit * LP - List Price

SENTRON 3VA - Accessories

Frame	3VA1 100A/ 160A/ 250A/ 400A/ 630A/ 800A/ 1000A	Unit LP* ₹	3VA2 100A / 160A / 250A 3VA2 400A/630A/800A/1000A/1250A	Unit LP* ₹
Accessory	Type		Type	
Auxiliary switch (AUX)	3VA9988-0AA12 (1 C/O)	2410.-	3VA9988-0AA12 (1 C/O)	2410.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	3720.-	3VA9988-0AB12 (1 C/O)	3720.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	1985.- 1985.-	–	–
Electrical alarm switches (EAS) for 3VA2 Only	–	–	3VA9988-0AB22	1985.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz 208-230 V AC 50/60 Hz 380-400 V AC 50/60 Hz	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	5695.-	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	5695.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	4290.-	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	4290.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	4290.-	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	4290.-
Extended Door Mounted Rotary Operator (including 8UC handle)	3VA9157-0FK51 (for 3VA10/ 11 100A/160A) 3VA9257-0FK51 (for 3VA12 250A) 3VA9467-0FK51 (for 3VA13/ 14 400/ 630A)	2945.- 3100.- 4855.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A) –	3100.- 4855.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	12305.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	12305.-
Illuminated - Door mounted rotary operator 24V DC	3VA9157-0FK23 (for 3VA10/ 11 100A/160A) 3VA9257-0FK23 (for 3VA12 250A) 3VA9467-0FK23 (for 3VA13/ 14 400A/ 630A) 3VA9687-0FK23 (for 3VA15 800A/1000A)	7345.- 8075.- 10265.- 13510.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	8075.- 10265.- 13510.-
Castell interlock kit# (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC607-01YQ.. (for 3VA10/ 11/ 12/ 13/ 14)	5925.-	8UC607-01YQ.. (for 3VA20/ 21/ 22/ 23/ 24)	5925.-
Sliding Bar Interlock (for same size breakers with Toggle Lever)	3VA9158-0VF30 (for 3VA10/ 11 100A/160A) 3VA9258-0VF30 (for 3VA12 250A) 3VA9368-0VF30 (for 3VA13/ 14 400A/ 630A)	7345.- 7625.- 8610.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	8075.- 8610.-
Locking device for breaker with Toggle lever	3VA9088-0LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A) 3VA9388-0LB10 (for 3VA13/ 14 400A/ 630A) 3VA9588-0LB10 (3VA15 800/ 1000A)	2245.- 2955.- 6375.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	2955.- 6375.-
Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC	3VA9157-0HA20 (for 3VA11 160A) 3VA9257-0HA20 (for 3VA12 250A) 3VA9467-0HA20 (for 3VA13/ 14 400A/ 630A)	24650.- 32260.- 38090.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	32260.- 38090.-
Spreader links - Broadened (with phase barriers)	3VA9153-0QC50 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9154-0QC50 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9253-0QC50 (for 3pole, 3VA12 250A) 3VA9254-0QC50 (for 4pole, 3VA12 250A) 3VA9483-0QC50 (for 3pole 3VA13/ 14 400A/ 630A) 3VA9484-0QC50 (for 4pole 3VA13/ 14 400A/ 630A)	1215.- 1555.- 1515.- 2015.- 2035.- 2635.-	3VA9263-0QC50 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9264-0QC50 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9483-0QC50 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9484-0QC50 (for 4pole, 3VA23/ 24 400A/ 630A)	1640.- 2140.- 2035.- 2635.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	6765.- 9035.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	6765.- 9035.-
Rear Terminals - Flat 1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole)	3VA9113-0QE00 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9114-0QE00 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9213-0QE00 (for 3pole, 3VA12 250A) 3VA9214-0QE00 (for 4pole, 3VA12 250A) 3VA9403-0QE00 (for 3pole, 3VA13/ 14 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA13/ 14 400A/ 630A)	2520.- 3405.- 3220.- 4310.- 5225.- 6970.-	3VA9203-0QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9204-0QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9403-0QE00 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA23/ 24 400A/ 630A)	3220.- 4310.- 5225.- 6970.-
Phase Barriers (1 set = 2 phase barriers)	3VA9152-0WA00 (for 3VA10/ 11 100A/ 160A) 3VA9252-0WA00 (for 3VA12 250A) 3VA9482-0WA00 (for 3VA13/ 14 400A/ 630A) 3VA9602-0WA00 (for 3VA15 800A/ 1000A)	480.- 480.- 1130.- 1135.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	480.- 1130.- 1135.-
3VA Adapter for mounting on 8US 60mm busbar system	8US1213-4AU01 (for 3pole, 3VA10/ 11) 8US1213-4AP03 (for 3-pole, 3VA12) 8US1213-4AH04 (for 3pole, 3VA13/ 14)	POR	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	POR

Notes:

The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

For higher breaking capacities (110kA and 150kA) and other special application MCCB, please contact your nearest Siemens Sales Office.

For side mounted handles please contact your nearest Siemens Sales Office.

@ 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive.

Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

1) Door mounted rotary handles are not available for 1pole/ 2pole 3VA1 MCCBs

^ 3VA2 800A/1000A/1250A, extended rotary operator imported version (with 8UD handles)

Standard packing of 3VA26 1250A MCCB includes spreaders & phase barriers

Std. Pkg. = 1 unit * LP - List Price POR: Price On Request

SENTRON 3VA27 moulded case circuit breakers

- Line, motor, starter protection and non-automatic circuit breaker
- Rated currents 800A to 1600A (3pole/ 4pole)
- Fixed & Draw-out variants
- Toggle lever or Stored-energy Operator (factory fitted)
- Interchangeable ETU LI/ LSI/ LSIG protection
- Short-circuit breaking capacity 55kA to 110 kA @ 415 V AC
- Communication via Modbus TCP, Modbus RTU, PROFIBUS & PROFINET
- Metering function according to IEC 61557-12

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	311420.-	3VA2712-5AB13-0AA0	418860.-
		1600	3VA2716-5AB03-0AA0	431000.-	3VA2716-5AB13-0AA0	580005.-
	85kA	1250	3VA2712-6AB03-0AA0	342115.-	3VA2712-6AB13-0AA0	460415.-
		1600	3VA2716-6AB03-0AA0	473205.-	3VA2716-6AB13-0AA0	637550.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIG, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AD03-0AA0	337000.-	3VA2712-5AD13-0AA0	443790.-
		1600	3VA2716-5AD03-0AA0	455940.-	3VA2716-5AD13-0AA0	604935.-
	85kA	1250	3VA2712-6AD03-0AA0	367050.-	3VA2712-6AD13-0AA0	485995.-
		1600	3VA2716-6AD03-0AA0	498150.-	3VA2716-6AD13-0AA0	665045.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	5555.-	1
	Alarm switch (TAS)	3VW9011-0AH14	2745.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	12780.-	1
	Under voltage release (UVR)			
	110-120 V AC 50/60 Hz 220-240 V AC 50/60 Hz 415-440 V AC 50/60 Hz	3VW9011-0AE05 3VW9011-0AE07 3VW9011-0AE18	13840.-	1
	Extended Door Mounted Rotary Operator ^ (Standard - Gray)	3VW9727-0FK21	12305.-	1

$ Toggle lever variants ^3VA27 extended door mounted rotary operator (imported) with 8UD handles
All MCCBs are suitable for Front Terminals connection only.
Accessories can also be offered in factory fitted options
Please contact your nearest Siemens Sales Office for more Auxiliary combinations & choice of accessories

Std. Pkg. = 1 unit * LP - List Price

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- From medium-voltage in-feed down to final distribution
- Based on calculations as per IS/ IEC standards
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- Cut-off current characteristics
- Let-through energy curves

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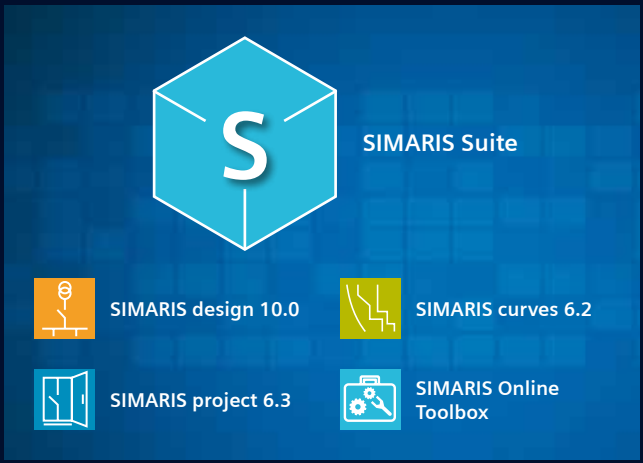

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MCCB: SENTRON 3VM

- Rated current: 16A to 630A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Breaking capacity: 16kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM, AM, FM)
- Switch disconnectors
- Common Internal accessories for the entire range
- Knowledge Manager (QR Code)

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit MRP® ₹	4 Pole Type	Unit MRP® ₹
3VM10	16kA	16	3VM1096-2ED32-0AA0	9455.-	3VM1096-2ED42-0AA0	12255.-
		20	3VM1020-2ED32-0AA0	9455.-	3VM1020-2ED42-0AA0	12255.-
		25	3VM1025-2ED32-0AA0	9455.-	3VM1025-2ED42-0AA0	12255.-
		32	3VM1032-2ED32-0AA0	9455.-	3VM1032-2ED42-0AA0	12255.-
		40	3VM1040-2ED32-0AA0	9455.-	3VM1040-2ED42-0AA0	12255.-
		50	3VM1050-2ED32-0AA0	9455.-	3VM1050-2ED42-0AA0	12255.-
		63	3VM1063-2ED32-0AA0	9455.-	3VM1063-2ED42-0AA0	12255.-
		80	3VM1080-2ED32-0AA0	10335.-	3VM1080-2ED42-0AA0	13420.-
		100	3VM1010-2ED32-0AA0	11215.-	3VM1010-2ED42-0AA0	14610.-
3VM10	25kA	16	3VM1096-3ED32-0AA0	9800.-	3VM1096-3ED42-0AA0	12795.-
		20	3VM1020-3ED32-0AA0	9800.-	3VM1020-3ED42-0AA0	12795.-
		25	3VM1025-3ED32-0AA0	9800.-	3VM1025-3ED42-0AA0	12795.-
		32	3VM1032-3ED32-0AA0	9800.-	3VM1032-3ED42-0AA0	12795.-
		40	3VM1040-3ED32-0AA0	9800.-	3VM1040-3ED42-0AA0	12795.-
		50	3VM1050-3ED32-0AA0	9800.-	3VM1050-3ED42-0AA0	12795.-
		63	3VM1063-3ED32-0AA0	9800.-	3VM1063-3ED42-0AA0	12795.-
		80	3VM1080-3ED32-0AA0	10670.-	3VM1080-3ED42-0AA0	13875.-
		100	3VM1010-3ED32-0AA0	11455.-	3VM1010-3ED42-0AA0	14910.-
3VM11		125	3VM1112-3ED32-0AA0	14685.-	3VM1112-3ED42-0AA0	19390.-
		160	3VM1116-3ED32-0AA0	19155.-	3VM1116-3ED42-0AA0	24255.-

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM1196-4ED32-0AA0	10340.-	3VM1196-4GD42-0AA0	14315.-
		20	3VM1120-4ED32-0AA0	10340.-	3VM1120-4GD42-0AA0	14315.-
		25	3VM1125-4ED32-0AA0	10340.-	3VM1125-4GD42-0AA0	14315.-
		32	3VM1132-4ED32-0AA0	10340.-	3VM1132-4GD42-0AA0	14315.-
		40	3VM1140-4ED32-0AA0	10340.-	3VM1140-4GD42-0AA0	14315.-
		50	3VM1150-4ED32-0AA0	10340.-	3VM1150-4GD42-0AA0	14315.-
		63	3VM1163-4ED32-0AA0	10340.-	3VM1163-4GD42-0AA0	14315.-
		80	3VM1180-4ED32-0AA0	10855.-	3VM1180-4GD42-0AA0	15695.-
		100	3VM1110-4ED32-0AA0	12600.-	3VM1110-4GD42-0AA0	18140.-
		125	3VM1112-4ED32-0AA0	22120.-	3VM1112-4GD42-0AA0	28755.-
		160	3VM1116-4ED32-0AA0	24435.-	3VM1116-4GD42-0AA0	31775.-
3VM12		200	3VM1220-4ED32-0AA0	26250.-	3VM1220-4GD42-0AA0	32495.-
		250	3VM1225-4ED32-0AA0	35015.-	3VM1225-4GD42-0AA0	41255.-
3VM13		320	3VM1332-4ED32-0AA0	47500.-	3VM1332-4GD42-0AA0	58735.-
		400	3VM1340-4ED32-0AA0	48750.-	3VM1340-4GD42-0AA0	59990.-
3VM14		500	3VM1450-4ED32-0AA0	53630.-	3VM1450-4GD42-0AA0	64875.-
		630	3VM1463-4ED32-0AA0	53630.-	3VM1463-4GD42-0AA0	64875.-

^ 3VM11 TMTU up to 160A

Std. Pkg. = 1 unit

AM: Adjustable Magnetic FM: Fixed Magnetic

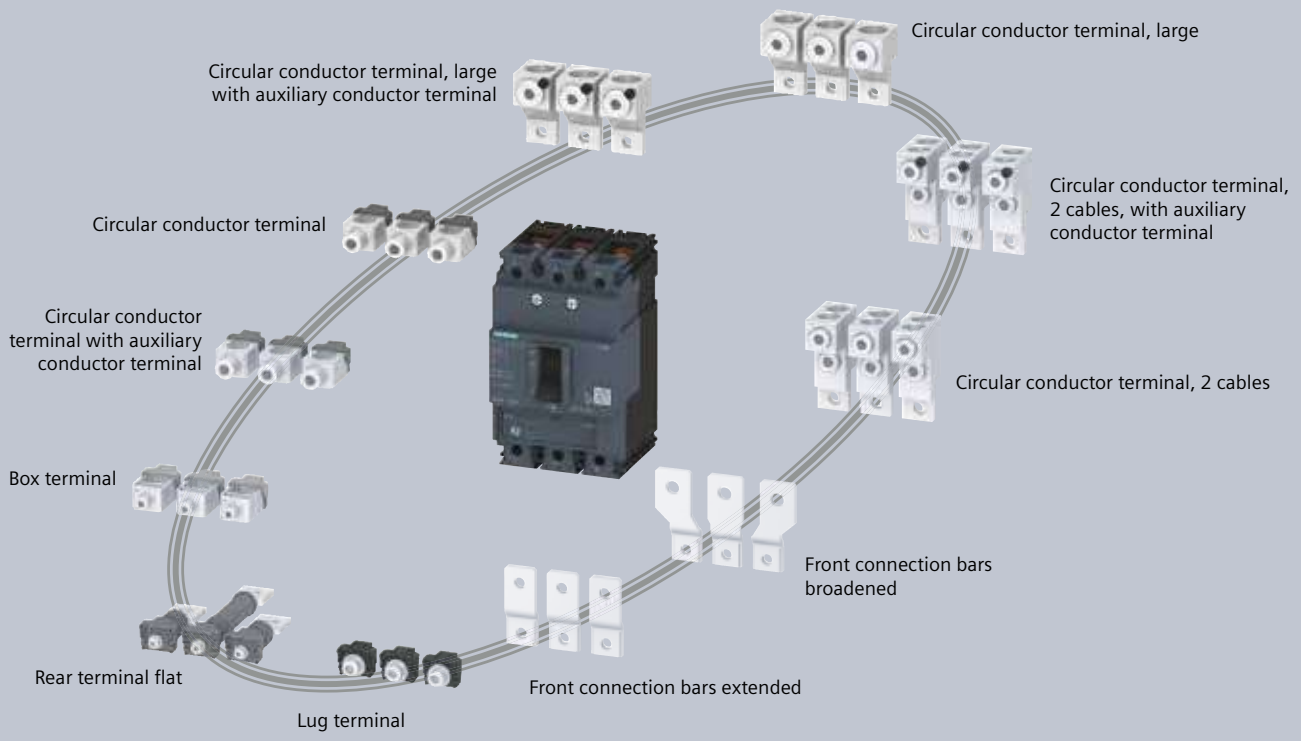
* LP - List Price

® MRP - Max. Retail Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz (Contd.)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM1196-5ED32-0AA0	11885.-	3VM1196-5GD42-0AA0	15420.-
		20	3VM1120-5ED32-0AA0	11885.-	3VM1120-5GD42-0AA0	15420.-
		25	3VM1125-5ED32-0AA0	11885.-	3VM1125-5GD42-0AA0	15420.-
		32	3VM1132-5ED32-0AA0	11885.-	3VM1132-5GD42-0AA0	15420.-
		40	3VM1140-5ED32-0AA0	11885.-	3VM1140-5GD42-0AA0	15420.-
		50	3VM1150-5ED32-0AA0	11885.-	3VM1150-5GD42-0AA0	15420.-
		63	3VM1163-5ED32-0AA0	11885.-	3VM1163-5GD42-0AA0	15420.-
		80	3VM1180-5ED32-0AA0	13025.-	3VM1180-5GD42-0AA0	16930.-
		100	3VM1110-5ED32-0AA0	15085.-	3VM1110-5GD42-0AA0	19580.-
		125	3VM1112-5ED32-0AA0	24310.-	3VM1112-5GD42-0AA0	31605.-
		160	3VM1116-5ED32-0AA0	26855.-	3VM1116-5GD42-0AA0	34945.-
3VM12		200	3VM1220-5ED32-0AA0	29050.-	3VM1220-5GD42-0AA0	36810.-
		250	3VM1225-5ED32-0AA0	37815.-	3VM1225-5GD42-0AA0	45580.-
3VM13		320	3VM1332-5ED32-0AA0	51510.-	3VM1332-5GD42-0AA0	61830.-
		400	3VM1340-5ED32-0AA0	52775.-	3VM1340-5GD42-0AA0	63090.-
3VM14		500	3VM1450-5ED32-0AA0	57640.-	3VM1450-5GD42-0AA0	67960.-
		630	3VM1463-5ED32-0AA0	57640.-	3VM1463-5GD42-0AA0	67960.-

An extensive portfolio of connection components....



..to meet ALL installation requirements.

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	25kA	16	3VM1196-3EE32-0AA0	11640.-	3VM1196-3GE42-0AA0	17545.-
		20	3VM1120-3EE32-0AA0	11640.-	3VM1120-3GE42-0AA0	17545.-
		25	3VM1125-3EE32-0AA0	11640.-	3VM1125-3GE42-0AA0	17545.-
		32	3VM1132-3EE32-0AA0	11640.-	3VM1132-3GE42-0AA0	17545.-
		40	3VM1140-3EE32-0AA0	11640.-	3VM1140-3GE42-0AA0	17545.-
		50	3VM1150-3EE32-0AA0	11640.-	3VM1150-3GE42-0AA0	17545.-
		63	3VM1163-3EE32-0AA0	11640.-	3VM1163-3GE42-0AA0	17545.-
		80	3VM1180-3EE32-0AA0	11640.-	3VM1180-3GE42-0AA0	17545.-
		100	3VM1110-3EE32-0AA0	11640.-	3VM1110-3GE42-0AA0	17545.-
		125	3VM1112-3EE32-0AA0	15025.-	3VM1112-3GE42-0AA0	20555.-
		160	3VM1116-3EE32-0AA0	20670.-	3VM1116-3GE42-0AA0	26310.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	15055.-	3VM1196-4GE42-0AA0	19705.-
		20	3VM1120-4EE32-0AA0	15055.-	3VM1120-4GE42-0AA0	19705.-
		25	3VM1125-4EE32-0AA0	15055.-	3VM1125-4GE42-0AA0	19705.-
		32	3VM1132-4EE32-0AA0	15055.-	3VM1132-4GE42-0AA0	19705.-
		40	3VM1140-4EE32-0AA0	15055.-	3VM1140-4GE42-0AA0	19705.-
		50	3VM1150-4EE32-0AA0	15055.-	3VM1150-4GE42-0AA0	19705.-
		63	3VM1163-4EE32-0AA0	15055.-	3VM1163-4GE42-0AA0	19705.-
		80	3VM1180-4EE32-0AA0	15055.-	3VM1180-4GE42-0AA0	19705.-
		100	3VM1110-4EE32-0AA0	15055.-	3VM1110-4GE42-0AA0	19705.-
		125	3VM1112-4EE32-0AA0	23170.-	3VM1112-4GE42-0AA0	29510.-
		160	3VM1116-4EE32-0AA0	25110.-	3VM1116-4GE42-0AA0	32595.-
3VM12		200	3VM1220-4EE32-0AA0	36315.-	3VM1220-4GE42-0AA0	42380.-
		250	3VM1225-4EE32-0AA0	36315.-	3VM1225-4GE42-0AA0	42380.-
3VM13		320	3VM1332-4EE32-0AA0	48615.-	3VM1332-4GE42-0AA0	59520.-
		400	3VM1340-4EE32-0AA0	49065.-	3VM1340-4GE42-0AA0	59520.-
3VM14		500	3VM1450-4EE32-0AA0	55535.-	3VM1450-4GE42-0AA0	66435.-
		630	3VM1463-4EE32-0AA0	55535.-	3VM1463-4GE42-0AA0	66435.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	17155.-	3VM1196-5GE42-0AA0	21675.-
		20	3VM1120-5EE32-0AA0	17155.-	3VM1120-5GE42-0AA0	21675.-
		25	3VM1125-5EE32-0AA0	17155.-	3VM1125-5GE42-0AA0	21675.-
		32	3VM1132-5EE32-0AA0	17155.-	3VM1132-5GE42-0AA0	21675.-
		40	3VM1140-5EE32-0AA0	17155.-	3VM1140-5GE42-0AA0	21675.-
		50	3VM1150-5EE32-0AA0	17155.-	3VM1150-5GE42-0AA0	21675.-
		63	3VM1163-5EE32-0AA0	17155.-	3VM1163-5GE42-0AA0	21675.-
		80	3VM1180-5EE32-0AA0	17155.-	3VM1180-5GE42-0AA0	21675.-
		100	3VM1110-5EE32-0AA0	17155.-	3VM1110-5GE42-0AA0	21675.-
		125	3VM1112-5EE32-0AA0	26935.-	3VM1112-5GE42-0AA0	32350.-
		160	3VM1116-5EE32-0AA0	27615.-	3VM1116-5GE42-0AA0	35635.-
3VM12		200	3VM1220-5EE32-0AA0	39030.-	3VM1220-5GE42-0AA0	46565.-
		250	3VM1225-5EE32-0AA0	39030.-	3VM1225-5GE42-0AA0	46565.-
3VM13		320	3VM1332-5EE32-0AA0	52510.-	3VM1332-5GE42-0AA0	62520.-
		400	3VM1340-5EE32-0AA0	53000.-	3VM1340-5GE42-0AA0	62520.-
3VM14		500	3VM1450-5EE32-0AA0	59415.-	3VM1450-5GE42-0AA0	69430.-
		630	3VM1463-5EE32-0AA0	59415.-	3VM1463-5GE42-0AA0	69430.-

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Motor Starter Protection, 3pole, Adjustable Magnetic (AM) trip unit

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)	Unit LP* ₹
3VM11	8 [1]	3VM1108-5MG32-0AA0	14945.-
	12.5 [1]	3VM1192-5MG32-0AA0	14945.-
	20	3VM1120-5MH32-0AA0	14945.-
	32	3VM1132-5MH32-0AA0	17850.-
	40	3VM1140-5MH32-0AA0	17850.-
	50	3VM1150-5MH32-0AA0	17850.-
	63	3VM1163-5MH32-0AA0	17850.-
	80	3VM1180-5MH32-0AA0	17850.-
	100	3VM1110-5MH32-0AA0	17850.-
	125	3VM1112-5MH32-0AA0	26570.-
3VM12	160	3VM1216-5MH32-0AA0	26570.-
	200	3VM1220-5MH32-0AA0	40310.-
3VM13	250	3VM1325-5MH32-0AA0	40310.-
	320	3VM1332-5MH32-0AA0	57760.-
3VM14	400	3VM1440-5MH32-0AA0	57760.-
	500	3VM1450-5MH32-0AA0	64020.-

SENTRON 3VM, Switch Disconnector (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	11150.-	3VM1163-1AA42-0AA0	16475.-
	100	3VM1110-1AA32-0AA0	11150.-	3VM1110-1AA42-0AA0	16475.-
	125	3VM1112-1AA32-0AA0	16265.-	3VM1112-1AA42-0AA0	20475.-
	160	3VM1116-1AA32-0AA0	16265.-	3VM1116-1AA42-0AA0	20475.-
3VM12	250	3VM1225-1AA32-0AA0	27075.-	3VM1225-1AA42-0AA0	36110.-
3VM13	400	3VM1340-1AA32-0AA0	34930.-	3VM1340-1AA42-0AA0	45420.-

[1] Fixed magnetic

3VM Plug in Portfolio

16A-630A, 3P & 4P

3VM MCCB

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Plug in kit

Plug in technology

- Easy to handle
- Quick Replacement
- Safe Installation

Available as complete kit and/or conversion kit. Please contact your nearest Siemens Sales Office for further information.

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM)

Frame Size	Breaking Capacity	Rated Current In (A)	1 Pole Type	Unit LP* ₹	2 Pole Type	Unit LP* ₹
3VM11	25kA[1)]	16	3VM1196-3ED12-0AA0	4350.-	3VM1196-3ED22-0AA0	7800.-
		20	3VM1120-3ED12-0AA0	4350.-	3VM1120-3ED22-0AA0	7800.-
		25	3VM1125-3ED12-0AA0	4350.-	3VM1125-3ED22-0AA0	7800.-
		32	3VM1132-3ED12-0AA0	4350.-	3VM1132-3ED22-0AA0	7800.-
		40	3VM1140-3ED12-0AA0	4350.-	3VM1140-3ED22-0AA0	7800.-
		50	3VM1150-3ED12-0AA0	4350.-	3VM1150-3ED22-0AA0	7800.-
		63	3VM1163-3ED12-0AA0	4350.-	3VM1163-3ED22-0AA0	7800.-
		80	3VM1180-3ED12-0AA0	4785.-	3VM1180-3ED22-0AA0	8545.-
		100	3VM1110-3ED12-0AA0	5520.-	3VM1110-3ED22-0AA0	10015.-
		125	3VM1112-3ED12-0AA0	8920.-	3VM1112-3ED22-0AA0	16205.-
		160	3VM1116-3ED12-0AA0	10390.-	3VM1116-3ED22-0AA0	18710.-
3VM11	36kA[1)]	16	3VM1196-4ED12-0AA0	4710.-	3VM1196-4ED22-0AA0	8545.-
		20	3VM1120-4ED12-0AA0	4710.-	3VM1120-4ED22-0AA0	8545.-
		25	3VM1125-4ED12-0AA0	4710.-	3VM1125-4ED22-0AA0	8545.-
		32	3VM1132-4ED12-0AA0	4710.-	3VM1132-4ED22-0AA0	8545.-
		40	3VM1140-4ED12-0AA0	4710.-	3VM1140-4ED22-0AA0	8545.-
		50	3VM1150-4ED12-0AA0	4710.-	3VM1150-4ED22-0AA0	8545.-
		63	3VM1163-4ED12-0AA0	4710.-	3VM1163-4ED22-0AA0	8545.-
		80	3VM1180-4ED12-0AA0	5230.-	3VM1180-4ED22-0AA0	9435.-
		100	3VM1110-4ED12-0AA0	5630.-	3VM1110-4ED22-0AA0	10900.-
		125	3VM1112-4ED12-0AA0	9660.-	3VM1112-4ED22-0AA0	17375.-
		160	3VM1116-4ED12-0AA0	11265.-	3VM1116-4ED22-0AA0	20330.-

[1)] 1pole : Icu 25kA/ 36kA @ 240VAC, 2pole : Icu 25kA/ 36kA @ 415VAC

Earth fault protection for SENTRON 3VM moulded case circuit breaker

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	5805.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	2005.-
	4P	7UG09911	2285.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	2420.-
	4P	7UG09913	2850.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	3565.-
	4P	7UG09915	3855.-

Earth leakage protection for SENTRON 3VM moulded case circuit breaker

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	5615.-
	230VAC	7UG0842-1CD20	5670.-
CBCT for ELR	35 mm dia	7UG0996	2045.-
	70 mm dia	7UG0997	2335.-
	120 mm dia	7UG0999	3975.-
	210 mm dia	7UG0994	7650.-
	310 mm dia	7UG0995	11400.-

Note: Order 1 no of shunt trip release for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit

* LP - List Price

Internal accessories for SENTRON 3VM10/11/12/13/14 100A-630A

MLFB	Description	Unit LP*₹
Auxiliary Switches and Alarm Switches (1 C/O)		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	**1870.-**
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	**1870.-**
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	**4175.-**
3VM9908-0BB12	UVR 48V DC	**4175.-**
3VM9908-0BB23	UVR 110 V AC 50/60HZ	**4175.-**
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	**4175.-**
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	**4175.-**
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	**3385.-**
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	**3385.-**
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	**3385.-**
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	**3385.-**
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	**3385.-**

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles [1)]		
3VM9117-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	**2290.-**
3VM9217-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	**2895.-**
3VM9417-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	**3265.-**
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	**2675.-**
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	**3515.-**
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	**3875.-**
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	**1215.-**
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	**1555.-**
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	**1515.-**
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	**2015.-**
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	**2035.-**
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	**2635.-**
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	**1020.-**
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	**1360.-**
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	**1375.-**
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	**1790.-**
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	**785.-**
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	**1095.-**
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	**1095.-**
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	**2085.-**
3VM9388-0LB10	Locking device for: 3VM13/ 14	**2740.-**
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ..[#]	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	**5925.-**

AUX

TAS

UVR

STL

Notes:

[#] The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

[@] 1 set contains rotary mechanism, coupler, shaft and 8UC Front drive. Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole; and 4 nos. links and 3 nos. phase barriers in case of 4 pole.

[1)] Rotary handles are not available for 1pole/ 2pole 3VM1 MCCBs

Std. Pkg. = 1 unit

* LP - List Price

3VT2..3

Main switching unit without Trip Unit (ETU)

To be ordered along with trip unit

Frame Size	Breaking capacity (Icu, 415V AC, 50Hz)	Rated current I_n (A)	3 pole		4 pole		Std. pkg. (nos.)
			Type	Unit LP* ₹	Type	Unit LP* ₹	
3VT2	36 kA	250	3VT2725-2AA36-0AA0	13795.-	3VT2725-2AA46-0AA0	21440.-	1
3VT3		630	3VT3763-2AA36-0AA0	33690.-	3VT3763-2AA46-0AA0	47450.-	1
3VT2	65 kA	250	3VT2725-3AA36-0AA0	17220.-	3VT2725-3AA46-0AA0	26730.-	1
3VT3		630	3VT3763-3AA36-0AA0	38595.-	3VT3763-3AA46-0AA0	51235.-	1

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Microprocessor based Trip Unit (ETU)

To be ordered along with the MCCB Main switching unit

Trip unit for system protection ETU LP, LI function (Fixed Overload & Fixed Short Circuit, 3P / 4P)

Frame size	Rated current I_n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	160	3VT9216-6AB00	12580.-	1
	200	3VT9220-6AB00	18865.-	1
3VT3	315	3VT9331-6AB00	25180.-	1
	400	3VT9340-6AB00	26765.-	1
	630	3VT9363-6AB00	32905.-	1

Trip unit for Motor & Generator Protection ETU MP, LI function (Adj Overload & Adj Short Circuit Settings 3P / 4P)

Frame size	Rated current I_n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	160	3VT9216-6AP00	15745.-	1
	250	3VT9225-6AP00	33055.-	1
3VT3	400	3VT9340-6AP00	33055.-	1
	630	3VT9363-6AP00	40935.-	1

Trip unit for system protection ETU DP, LI function (Adj Overload & Adj Short Circuit, 3P / 4P)$

Frame size	Rated current I_n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	100	3VT9210-6AC00	11115.-	1
	160	3VT9216-6AC00	15585.-	1
	250	3VT9225-6AC00	32975.-	1
3VT3	400	3VT9340-6AC00	28490.-	1
	630	3VT9363-6AC00	37465.-	1

Benefits of interchangeable trip units

- Suitable for various applications
- Easy upgradation at site

Accessories for 3VT2..3

Accessory		3VT2 Type	Unit LP* ₹	3VT3 Type	Unit LP* ₹
Auxiliary Switch		3VT9300-2AF10 (1NO+1NC)	3455.-	3VT9300-2AF10 (1NO+1NC)	3455.-
		3VT9300-2AC10 (1NO)	1740.-	3VT9300-2AC10 (1NO)	1740.-
Alarm Switch		3VT9300-2AD10 (1NC)	1740.-	3VT9300-2AD10 (1NC)	1740.-
Shunt Release	AC 230V/DC 220V	3VT9300-1SE00$	3910.-	3VT9300-1SE00$	3910.-
Under-voltage Release	AC 230V/DC 220V	3VT9300-1UE00$	4735.-	3VT9300-1UE00$	4735.-
Spreader Links[&]	3 pole (1 set = 3 links + 2 phase barriers)	3VT9200-4ED30-0RC1	1515.-	3VT9300-4ED30-0RC1	2035.-
	4 pole (1 set = 4 links + 3 phase barriers)	3VT9200-4ED40-0RC1	2015.-	3VT9300-4ED40-0RC1	2635.-
Panel door mounted rotary operating handles[2]	1 set **	3VT9200-3HQ00	3040.-	3VT9300-3HQ00	3275.-
Castell Interlock Kit[1]	1 set (1 lock + 1 key)	8UC60701YQ..	5925.-	8UC60701YQ..	5925.-

Available till stocks last 3VT2..3 (Main Switching Unit + ETU) & accessories

$ Also suitable for 400/500V AC

** 1 set contains rotary mechanism, coupler, shaft and door drive

& spreaders with higher phase-to-phase clearance

Std. Pkg. = 1 unit * LP - List Price

MCCB: SENTRON 3VT4...5

- Rated current - 800A to 1600A
- Microprocessor based trip unit
- Adjustable settings
- Suitable for various applications
- Inbuilt extended terminals
- Higher clearances

Main switching unit without Trip Unit (ETU)

To be ordered along with trip unit

Frame Size	Breaking capacity (Icu, 415V AC, 50Hz)	Rated current I_n (A)	3 pole	
			Type	Unit LP* ₹
3VT4	65 kA	1000	**3VT4710-3AA30-0AA0**	**64030.-**
3VT5	55 kA	1600	**3VT5716-3AA30-0AA0**	**96065.-**

+

Microprocessor based Trip Unit (ETU)

To be ordered along with the MCCB Main switching unit

Trip unit for system protection ETU DP, LI function (Adj Overload & Adj Short Circuit)

Frame size	Rated current I_n (A)	Type	Unit LP* ₹
3VT4	800	**3VT9480-6AC00**	**31180.-**
	1000	**3VT9410-6AC00**	**98190.-**
3VT5	1250	**3VT9512-6AC00**	**106360.-**
	1600	**3VT9516-6AC00**	**180000.-**

Circuit Breakers

Accessories for 3VT4...5

Accessory		3VT4/5 Type	Unit LP* ₹
Auxiliary Switch		**3VT9500-2AF10** (2NO+2NC)	**5730.-**
Alarm Switch		**3VT9500-2AF10** (2NO+2NC)	**5730.-**
Shunt Release AC 230V/ DC 220V		**3VT9500-1SJ00**	**4320.-**

Accessory		3VT4/5 Type	Unit LP* ₹
Under-voltage Release AC 230V/ DC 220V		**3VT9500-1UJ00**	**4690.-**
Panel door mounted rotary operating handles 1 set **		**3VT9500-3HQ00**	**6960.-**
Castell Interlock Kit[1] 1 set (1 lock + 1 key)		**8UC6070-2YQ..**	**6085.-**

** 1 set contains rotary mechanism, coupler, shaft and door drive

1 The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.

Main switching unit + Trip unit

Main switching unit

+

Trip unit

=

Complete unit

Std. Pkg. = 1 unit

* LP - List Price

SINOVA

3VJ Moulded Case Circuit Breakers

Simply Efficient

- Rated current: 20A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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SIEMENS

3VJ Moulded Case Circuit Breaker

3VJ10 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	20	3VJ1002-0DA22-0AA0	2930.-	3VJ1002-0DA32-0AA0	3630.-	3VJ1002-0EA42-0AA0	5205.-
		25	3VJ1092-0DA22-0AA0	2930.-	3VJ1092-0DA32-0AA0	3630.-	3VJ1092-0EA42-0AA0	5205.-
		32	3VJ1003-0DA22-0AA0	2930.-	3VJ1003-0DA32-0AA0	3630.-	3VJ1003-0EA42-0AA0	5205.-
		40	3VJ1004-0DA22-0AA0	2930.-	3VJ1004-0DA32-0AA0	3630.-	3VJ1004-0EA42-0AA0	5205.-
		50	3VJ1005-0DA22-0AA0	2930.-	3VJ1005-0DA32-0AA0	3630.-	3VJ1005-0EA42-0AA0	5205.-
		63	3VJ1006-0DA22-0AA0	2930.-	3VJ1006-0DA32-0AA0	3630.-	3VJ1006-0EA42-0AA0	5205.-
		80	3VJ1008-0DA22-0AA0	2930.-	3VJ1008-0DA32-0AA0	3630.-	3VJ1008-0EA42-0AA0	5205.-
		100	3VJ1010-0DA22-0AA0	2930.-	3VJ1010-0DA32-0AA0	3630.-	3VJ1010-0EA42-0AA0	5205.-
		125	3VJ1012-0DA22-0AA0	4520.-	3VJ1012-0DA32-0AA0	5445.-	3VJ1012-0EA42-0AA0	7810.-
	18kA	20	3VJ1002-1DA22-0AA0	4045.-	3VJ1002-1DA32-0AA0	5835.-	3VJ1002-1EA42-0AA0	7490.-
		25	3VJ1092-1DA22-0AA0	4045.-	3VJ1092-1DA32-0AA0	5835.-	3VJ1092-1EA42-0AA0	7490.-
		32	3VJ1003-1DA22-0AA0	4045.-	3VJ1003-1DA32-0AA0	5835.-	3VJ1003-1EA42-0AA0	7490.-
		40	3VJ1004-1DA22-0AA0	4045.-	3VJ1004-1DA32-0AA0	5835.-	3VJ1004-1EA42-0AA0	7490.-
		50	3VJ1005-1DA22-0AA0	4045.-	3VJ1005-1DA32-0AA0	5835.-	3VJ1005-1EA42-0AA0	7490.-
		63	3VJ1006-1DA22-0AA0	4045.-	3VJ1006-1DA32-0AA0	5835.-	3VJ1006-1EA42-0AA0	7490.-
		80	3VJ1008-1DA22-0AA0	4045.-	3VJ1008-1DA32-0AA0	5835.-	3VJ1008-1EA42-0AA0	7490.-
		100	3VJ1010-1DA22-0AA0	4045.-	3VJ1010-1DA32-0AA0	5835.-	3VJ1010-1EA42-0AA0	7490.-
		125	3VJ1012-1DA22-0AA0	4685.-	3VJ1012-1DA32-0AA0	6695.-	3VJ1012-1EA42-0AA0	8710.-
	25kA	20	3VJ1002-3DA22-0AA0	4855.-	3VJ1002-3DA32-0AA0	6370.-	3VJ1002-3EA42-0AA0	8445.-
		25	3VJ1092-3DA22-0AA0	4855.-	3VJ1092-3DA32-0AA0	6370.-	3VJ1092-3EA42-0AA0	8445.-
		32	3VJ1003-3DA22-0AA0	4855.-	3VJ1003-3DA32-0AA0	6370.-	3VJ1003-3EA42-0AA0	8445.-
		40	3VJ1004-3DA22-0AA0	4855.-	3VJ1004-3DA32-0AA0	6370.-	3VJ1004-3EA42-0AA0	8445.-
		50	3VJ1005-3DA22-0AA0	4855.-	3VJ1005-3DA32-0AA0	6370.-	3VJ1005-3EA42-0AA0	8445.-
		63	3VJ1006-3DA22-0AA0	4855.-	3VJ1006-3DA32-0AA0	6370.-	3VJ1006-3EA42-0AA0	8445.-
		80	3VJ1008-3DA22-0AA0	4855.-	3VJ1008-3DA32-0AA0	6370.-	3VJ1008-3EA42-0AA0	8445.-
		100	3VJ1010-3DA22-0AA0	4855.-	3VJ1010-3DA32-0AA0	6370.-	3VJ1010-3EA42-0AA0	8445.-
		125	3VJ1012-3DA22-0AA0	4855.-	3VJ1012-3DA32-0AA0	7275.-	3VJ1012-3EA42-0AA0	9285.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price

3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	9860.-	3VJ1216-3DA32-0AA0	11435.-	3VJ1216-3EA42-0AA0	15045.-
		200	3VJ1220-3DA22-0AA0	9970.-	3VJ1220-3DA32-0AA0	11610.-	3VJ1220-3EA42-0AA0	16515.-
		250	3VJ1225-3DA22-0AA0	10075.-	3VJ1225-3DA32-0AA0	13065.-	3VJ1225-3EA42-0AA0	17205.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	25885.-	3VJ1332-3EA42-0AA0	33330.-
		400	–	–	3VJ1340-3DA32-0AA0	25885.-	3VJ1340-3EA42-0AA0	33330.-
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DA22-0AA0	7470.-	3VJ1192-5DA32-0AA0	8890.-	3VJ1192-5EA42-0AA0	11745.-
		32	3VJ1103-5DA22-0AA0	7470.-	3VJ1103-5DA32-0AA0	8890.-	3VJ1103-5EA42-0AA0	11745.-
		40	3VJ1104-5DA22-0AA0	7470.-	3VJ1104-5DA32-0AA0	8890.-	3VJ1104-5EA42-0AA0	11745.-
		50	3VJ1105-5DA22-0AA0	7470.-	3VJ1105-5DA32-0AA0	8890.-	3VJ1105-5EA42-0AA0	11745.-
		63	3VJ1106-5DA22-0AA0	7470.-	3VJ1106-5DA32-0AA0	8890.-	3VJ1106-5EA42-0AA0	11745.-
		80	3VJ1108-5DA22-0AA0	7470.-	3VJ1108-5DA32-0AA0	9155.-	3VJ1108-5EA42-0AA0	12105.-
		100	3VJ1110-5DA22-0AA0	7470.-	3VJ1110-5DA32-0AA0	9155.-	3VJ1110-5EA42-0AA0	12105.-
		125	3VJ1112-5DA22-0AA0	7470.-	3VJ1112-5DA32-0AA0	10065.-	3VJ1112-5EA42-0AA0	13160.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	10405.-	3VJ1216-5DA32-0AA0	12805.-	3VJ1216-5EA42-0AA0	15570.-
		200	3VJ1220-5DA22-0AA0	10955.-	3VJ1220-5DA32-0AA0	15790.-	3VJ1220-5EA42-0AA0	20375.-
		250	3VJ1225-5DA22-0AA0	12365.-	3VJ1225-5DA32-0AA0	18145.-	3VJ1225-5EA42-0AA0	23350.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	26530.-	3VJ1332-5EA42-0AA0	33985.-
		400	–	–	3VJ1340-5DA32-0AA0	26530.-	3VJ1340-5EA42-0AA0	33985.-
3VJ14 (VJ1 630) NEW		500	–	–	3VJ1450-5DA32-0AA0	39800.-	3VJ1450-5EA42-0AA0	50975.-
		630	–	–	3VJ1463-5DA32-0AA0	39800.-	3VJ1463-5EA42-0AA0	50975.-
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DA22-0AA0	7865.-	3VJ1192-7DA32-0AA0	11370.-	3VJ1192-7EA42-0AA0	15000.-
		32	3VJ1103-7DA22-0AA0	7865.-	3VJ1103-7DA32-0AA0	11370.-	3VJ1103-7EA42-0AA0	15000.-
		40	3VJ1104-7DA22-0AA0	7865.-	3VJ1104-7DA32-0AA0	11370.-	3VJ1104-7EA42-0AA0	15000.-
		50	3VJ1105-7DA22-0AA0	7865.-	3VJ1105-7DA32-0AA0	11370.-	3VJ1105-7EA42-0AA0	15000.-
		63	3VJ1106-7DA22-0AA0	7865.-	3VJ1106-7DA32-0AA0	11370.-	3VJ1106-7EA42-0AA0	15000.-
		80	3VJ1108-7DA22-0AA0	7865.-	3VJ1108-7DA32-0AA0	11370.-	3VJ1108-7EA42-0AA0	15000.-
		100	3VJ1110-7DA22-0AA0	7865.-	3VJ1110-7DA32-0AA0	11370.-	3VJ1110-7EA42-0AA0	15000.-
		125	3VJ1112-7DA22-0AA0	7865.-	3VJ1112-7DA32-0AA0	12515.-	3VJ1112-7EA42-0AA0	16500.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	11280.-	3VJ1216-7DA32-0AA0	15835.-	3VJ1216-7EA42-0AA0	20920.-
		200	3VJ1220-7DA22-0AA0	11500.-	3VJ1220-7DA32-0AA0	18210.-	3VJ1220-7EA42-0AA0	24050.-
		250	3VJ1225-7DA22-0AA0	12595.-	3VJ1225-7DA32-0AA0	20940.-	3VJ1225-7EA42-0AA0	27660.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-7DA32-0AA0	27180.-	3VJ1332-7EA42-0AA0	34955.-
		400	–	–	3VJ1340-7DA32-0AA0	27180.-	3VJ1340-7EA42-0AA0	34955.-
3VJ14 (VJ1 630) NEW		500	–	–	3VJ1450-7DA32-0AA0	40770.-	3VJ1450-7EA42-0AA0	52430.-
		630	–	–	3VJ1463-7DA32-0AA0	40770.-	3VJ1463-7EA42-0AA0	52430.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price

3VJ10 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	20	3VJ1002-0DB32-0AA0	4630.-	3VJ1002-0EB42-0AA0	6255.-
		25	3VJ1092-0DB32-0AA0	4630.-	3VJ1092-0EB42-0AA0	6255.-
		32	3VJ1003-0DB32-0AA0	4630.-	3VJ1003-0EB42-0AA0	6255.-
		40	3VJ1004-0DB32-0AA0	4630.-	3VJ1004-0EB42-0AA0	6255.-
		50	3VJ1005-0DB32-0AA0	4630.-	3VJ1005-0EB42-0AA0	6255.-
		63	3VJ1006-0DB32-0AA0	4630.-	3VJ1006-0EB42-0AA0	6255.-
		80	3VJ1008-0DB32-0AA0	4630.-	3VJ1008-0EB42-0AA0	6255.-
		100	3VJ1010-0DB32-0AA0	4630.-	3VJ1010-0EB42-0AA0	6255.-
		125	3VJ1012-0DB32-0AA0	6660.-	3VJ1012-0EB42-0AA0	9395.-
	18kA	20	3VJ1002-1DB32-0AA0	6995.-	3VJ1002-1EB42-0AA0	8985.-
		25	3VJ1092-1DB32-0AA0	6995.-	3VJ1092-1EB42-0AA0	8985.-
		32	3VJ1003-1DB32-0AA0	6995.-	3VJ1003-1EB42-0AA0	8985.-
		40	3VJ1004-1DB32-0AA0	6995.-	3VJ1004-1EB42-0AA0	8985.-
		50	3VJ1005-1DB32-0AA0	6995.-	3VJ1005-1EB42-0AA0	8985.-
		63	3VJ1006-1DB32-0AA0	6995.-	3VJ1006-1EB42-0AA0	8985.-
		80	3VJ1008-1DB32-0AA0	6995.-	3VJ1008-1EB42-0AA0	8985.-
		100	3VJ1010-1DB32-0AA0	6995.-	3VJ1010-1EB42-0AA0	8985.-
		125	3VJ1012-1DB32-0AA0	8025.-	3VJ1012-1EB42-0AA0	10440.-
	25kA	20	3VJ1002-3DB32-0AA0	8040.-	3VJ1002-3EB42-0AA0	10660.-
		25	3VJ1092-3DB32-0AA0	8040.-	3VJ1092-3EB42-0AA0	10660.-
		32	3VJ1003-3DB32-0AA0	8040.-	3VJ1003-3EB42-0AA0	10660.-
		40	3VJ1004-3DB32-0AA0	8040.-	3VJ1004-3EB42-0AA0	10660.-
		50	3VJ1005-3DB32-0AA0	8040.-	3VJ1005-3EB42-0AA0	10660.-
		63	3VJ1006-3DB32-0AA0	8040.-	3VJ1006-3EB42-0AA0	10660.-
		80	3VJ1008-3DB32-0AA0	8040.-	3VJ1008-3EB42-0AA0	10660.-
		100	3VJ1010-3DB32-0AA0	8040.-	3VJ1010-3EB42-0AA0	10660.-
		125	3VJ1012-3DB32-0AA0	9175.-	3VJ1012-3EB42-0AA0	11720.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	12895.-	3VJ1216-3EB42-0AA0	15690.-
		200	3VJ1220-3DB32-0AA0	13920.-	3VJ1220-3EB42-0AA0	17520.-
		250	3VJ1225-3DB32-0AA0	15670.-	3VJ1225-3EB42-0AA0	20630.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	29315.-	3VJ1332-3EB42-0AA0	37755.-
		400	3VJ1340-3DB32-0AA0	29315.-	3VJ1340-3EB42-0AA0	37755.-
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DB32-0AA0	10660.-	3VJ1192-5EB42-0AA0	14080.-
		32	3VJ1103-5DB32-0AA0	10660.-	3VJ1103-5EB42-0AA0	14080.-
		40	3VJ1104-5DB32-0AA0	10660.-	3VJ1104-5EB42-0AA0	14080.-
		50	3VJ1105-5DB32-0AA0	10660.-	3VJ1105-5EB42-0AA0	14080.-
		63	3VJ1106-5DB32-0AA0	10660.-	3VJ1106-5EB42-0AA0	14080.-
		80	3VJ1108-5DB32-0AA0	10660.-	3VJ1108-5EB42-0AA0	14080.-
		100	3VJ1110-5DB32-0AA0	10660.-	3VJ1110-5EB42-0AA0	14080.-
		125	3VJ1112-5DB32-0AA0	12070.-	3VJ1112-5EB42-0AA0	15310.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	14625.-	3VJ1216-5EB42-0AA0	17780.-
		200	3VJ1220-5DB32-0AA0	18930.-	3VJ1220-5EB42-0AA0	24435.-
		250	3VJ1225-5DB32-0AA0	21765.-	3VJ1225-5EB42-0AA0	28005.-
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	30050.-	3VJ1332-5EB42-0AA0	38490.-
		400	3VJ1340-5DB32-0AA0	30050.-	3VJ1340-5EB42-0AA0	38490.-
3VJ14 (VJ1 630) NEW		500	3VJ1450-5DB32-0AA0	45075.-	3VJ1450-5EB42-0AA0	57735.-
		630	3VJ1463-5DB32-0AA0	45075.-	3VJ1463-5EB42-0AA0	57735.-
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DB32-0AA0	12880.-	3VJ1192-7EB42-0AA0	16985.-
		32	3VJ1103-7DB32-0AA0	12880.-	3VJ1103-7EB42-0AA0	16985.-
		40	3VJ1104-7DB32-0AA0	12880.-	3VJ1104-7EB42-0AA0	16985.-
		50	3VJ1105-7DB32-0AA0	12880.-	3VJ1105-7EB42-0AA0	16985.-
		63	3VJ1106-7DB32-0AA0	12880.-	3VJ1106-7EB42-0AA0	16985.-
		80	3VJ1108-7DB32-0AA0	12880.-	3VJ1108-7EB42-0AA0	16985.-
		100	3VJ1110-7DB32-0AA0	12880.-	3VJ1110-7EB42-0AA0	16985.-
		125	3VJ1112-7DB32-0AA0	14170.-	3VJ1112-7EB42-0AA0	18690.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	16955.-	3VJ1216-7EB42-0AA0	22395.-
		200	3VJ1220-7DB32-0AA0	19500.-	3VJ1220-7EB42-0AA0	25745.-
		250	3VJ1225-7DB32-0AA0	22415.-	3VJ1225-7EB42-0AA0	29610.-
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	30790.-	3VJ1332-7EB42-0AA0	39590.-
		400	3VJ1340-7DB32-0AA0	30790.-	3VJ1340-7EB42-0AA0	39590.-
3VJ14 (VJ1 630) NEW		500	3VJ1450-7DB32-0AA0	46180.-	3VJ1450-7EB42-0AA0	59385.-
		630	3VJ1463-7DB32-0AA0	46180.-	3VJ1463-7EB42-0AA0	59385.-

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	5,805
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	2005.-
	4P	7UG09911	2285.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	2420.-
	4P	7UG09911	2850.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	3565.-
	4P	7UG09913	3855.-

Earth Leakage Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	5615.-
	230VAC	7UG0842-1CD20	5670.-
CBCT for ELR	35 mm dia	7UG0996	2045.-
	70 mm dia	7UG0997	2335.-
	120 mm dia	7UG0999	3975.-
	210 mm dia	7UG0994	7650.-
	310 mm dia	7UG0995	11400.-

Note: Order 1 no of shunt trip for MCCB seperately along with earth fault relay / earth leakage relay

Std. Pkg. = 1 unit * MRP - Max. Retail Price LP = List Price

3VJ Internal accessories

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1595.-	3VJ9218-0AN11	1650.-	3VJ9218-0AN11	1650.-	3VJ9417-0AN11	1705.-
	Right	–	–	3VJ9218-0AN21	1650.-	3VJ9218-0AN21	1650.-	3VJ9417-0AN21	1705.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1595.-	3VJ9118-0AA11	1595.-	3VJ9218-0AA11	1650.-	3VJ9417-0AA11	1705.-
	Right	–	–	3VJ9118-0AA21	1595.-	3VJ9218-0AA21	1650.-	3VJ9417-0AA21	1705.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2590.-	3VJ9118-0AD11	2590.-	3VJ9218-0AD11	2715.-	3VJ9417-0AD11	2945.-
	Right	–	–	3VJ9118-0AD21	2590.-	3VJ9218-0AD21	2715.-	3VJ9417-0AD21	2945.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	3300.-	3VJ9218-0ST11	3300.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	3535.-
	48V DC	–	–	3VJ9218-0ST12	3300.-	3VJ9218-0ST12	3300.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	3535.-
	110V DC	3VJ9018-0ST15	2400.-	3VJ9218-0ST15	3300.-	3VJ9218-0ST15	3300.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	3535.-
	110V AC	3VJ9018-0ST35	2400.-	3VJ9218-0ST35	3420.-	3VJ9218-0ST35	3420.-	–	–
	220V AC	3VJ9018-0ST36	2600.-	3VJ9218-0ST36	3535.-	3VJ9218-0ST36	3535.-	3VJ9417-0ST36	3890.-
	415V AC	3VJ9018-0ST37	2600.-	3VJ9218-0ST37	3535.-	3VJ9218-0ST37	3535.-	3VJ9417-0ST37	3890.-
Undervoltage Release (Left) (UVR)	24V DC	–	–	3VJ9218-0UV11	4715.-	3VJ9218-0UV11	4715.-	–	–
	48V DC	–	–	3VJ9218-0UV12	4715.-	3VJ9218-0UV12	4715.-	–	–
	220V AC	–	–	3VJ9218-0UV36	4950.-	3VJ9218-0UV36	4950.-	3VJ9417-0UV36	11795.-
	415V AC	–	–	3VJ9218-0UV37	5305.-	3VJ9218-0UV37	5305.-	3VJ9417-0UV37	11795.-

Internal accessories are available for 2P, 3P & 4P 3VJ MCCBs

3VJ External accessories

Frame Size / Accessory	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	2390.-	3VJ9118-0HD11	2570.-	3VJ9218-0HD11	3010.-	3VJ9417-0HD11	3800.-	3VJ9417-0HD11	3800.-
Spreader Links^	2P	3VJ9012-0ED00	210.-	3VJ9112-0ED00	235.-	3VJ9212-0ED00	710.-	–	–	–	–
	3P	3VJ9013-0ED00	355.-	3VJ9113-0ED00	375.-	3VJ9213-0ED00	1150.-	3VJ9313-0ED00	2005.-	3VJ9413-0ED00 NEW	2405.-
	4P	3VJ9014-0ED00	465.-	3VJ9114-0ED00	490.-	3VJ9214-0ED00	1495.-	3VJ9314-0ED00	2830.-	3VJ9414-0ED00 NEW	3395.-
Phase Barriers#		3VJ9018-0CA00	165.-	3VJ9218-0CA00	260.-	3VJ9218-0CA00	260.-	3VJ9417-0CA00	285.-	3VJ9417-0CA00	285.-
Front Barriers$	2P/3P	3VJ9016-0CJ30	380.-	3VJ9116-0CJ30	450.-	3VJ9216-0CJ30	650.-	3VJ9413-0CJ30	810.-	3VJ9413-0CJ30	810.-
	4P	3VJ9014-0CJ40	535.-	3VJ9114-0CJ40	570.-	3VJ9214-0CJ40	760.-	3VJ9414-0CJ40	995.-	3VJ9414-0CJ40	995.-
Toogle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	645.-	3VJ9417-0DH10	645.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	5925.-	8UC60701YQ..	5925.-	8UC60701YQ..	5925.-	8UC60702YQ..	6085.-	8UC60702YQ..	6085.-
SS Enclosures NEW	2P/3P	3VJ9016-0DE11	2665.-	3VJ9116-0DE11	2665.-	3VJ9216-0DE12	5845.-	–	–	–	–
	4P	3VJ9014-0DE11	2665.-	3VJ9114-0DE11	2665.-	3VJ9214-0DE12	5845.-				

Notes:

@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.

^ Spreader link 1 set = 2 nos. links in case of 2 pole; 3 nos. links in case of 3 pole; 4 nos. links in case of 4 pole.

Available as a spare; 1 set contains 2 phase barriers

$ 1 set contains 2 front barriers (top & bottom)

Toggle handle extension is included in the standard packing of 3VJ13 (VJ1 400) MCCB.

2P/3P SS enclosures provide inbuilt neutral link for TPN system

Std. Pkg. = 1 unit * MRP - Max. Retail Price

SENTRON

Transfer control devices

3KC ATC6300 & 6500

- Suitable for Utility to DG, Utility to Utility and DG to DG changeover in combination with motorized breakers
- Automatic Load management and control of tie breaker (with ATC 6500 only)
- Communication capable via expansion modules on Modbus TCP or MODBUS RTU
- Confirms to IEC 60947-6-1
- Plug-in DI/DO expansion modules for additional functionality
- Easy parameterization through Powerconfig
- Ingress protection up to IP65

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SIEMENS

SENTRON Auto transfer controllers

In accordance with IEC 60947-6-1, IEC standard for transfer switching equipments

	3KC ATC 6300	3KC ATC 6500
Display	Yes, LCD	Yes, LCD
Network	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)
Maximum rated voltage U_e	100-480V AC L-L	100-600V AC L-L
Application type	Utility – Utility Utility - DG DG - DG	Utility – Utility Utility - DG DG - DG
Number of controllable breakers	2	3
Automatic load management (load shedding)	No	Yes
Parameterization	LCD Display | USB Front interface[1)] | Communication Modules[2)]	LCD Display | USB Front interface[1)] | Communication Modules[2)]
Expansion Modules	Yes, DI/DOs | Communication Modules	Yes, DI/DOs | Communication Modules
Communication Option	Yes, MODBUS RTU/ MODBUS TCP via expansion modules	Yes, Integrated RS485 Port (MODBUS RTU) MODBUS TCP via expansion module

[1) 2)] Available as accessory. Parameterization to be done via Powerconfig

Description	Type No	Unit LP* ₹	Std. pkg. (nos.)
Automatic Transfer Controllers			
3KC ATC 6300	**3KC9000-8TL40**	**120275.-**	**1**
3KC ATC 6500	**3KC9000-8TL50**	**POR**	**1**
Accessories | Expandable DI /DO Modules (For both ATC 6300 & 6500)			
ATC6 expansion module 4DI	**3KC9000-8TL60**	**POR**	**1**
ATC6 expansion module 4DO, SSR	**3KC9000-8TL61**	**POR**	**1**
ATC6 expansion module 2DI/2DO, SSR	**3KC9000-8TL62**	**POR**	**1**
ATC6 expansion module 2DO, relay	**3KC9000-8TL63**	**POR**	**1**
ATC6 expansion module 2DI/2DO, relay	**3KC9000-8TL64**	**POR**	**1**
Expansion modules with communication interfaces (For both ATC 6300 & 6500)			
ATC6 RS 485 expansion module	**3KC9000-8TL74**	**POR**	**1**
ATC6 Ethernet expansion module	**3KC9000-8TL75**	**POR**	**1**
USB Front interface (For both ATC 6300 & 6500)			
ATC6 USB front interface	**3KC9000-8TL73**	**POR**	**1**
IP 65 Protective Gasket			
For ATC 6300 144 x 144 mm	**3KC9000-8TL67**	**POR**	**1**
For ATC 6500 171 x 131 mm	**3KC9000-8TL68**	**POR**	**1**

POR: Price On Request

* LP - List Price

Complete Auto changeover solution with SIEMENS circuit breakers

Designed and tested with

3WA

3WL Plus

3WT Plus

3VA

3KC

SENTRON

Fuse Switch Disconnectors - **3NP1**

End to end safety for user and systems

- Compliant with IEC 60947-1 and IEC 60947-3
- 1-pole to 4-pole versions up to 630A at 1000V AC/ DC
- Fuse and Voltage monitoring
- 40/ 60mm busbar mounting option
- Selection chart with SITOR fuses

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SIEMENS

SENTRON 3NP1 Fuse Switch Disconnectors up to 630A
Reliable safety of personnel and systems

Overview:
- Available in five frame sizes from 100 to 630 A
- Optional for use of fuse links in LV HRC design
- 1-, 2-, 3- and 4-pole switchable

Application:
- Can be used in main and auxiliary circuits
- For non-routine switching
- VFD/ Soft Starter/ Capacitor panels

Benefits:
- Fuse puller is not required
- Mounting flexibility: Base / DIN / busbar
- AC20 / DC20 1000V

3NP1 with Floor mounting

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4]	Type	Unit LP* ₹
100[1]	000	000	Box	1	3NP1121-1CA20	4170.-
				3	3NP1123-1CA20	7580.-
				4	3NP1124-1CA20	13230.-
160[2]	00	000,00	Flat	1	3NP1131-1CA10	4390.-
				3	3NP1133-1CA10	7925.-
				4	3NP1134-1CA10	13790.-
250[2]	1	00,1	Flat	1	3NP1141-1DA10	12790.-
				3	3NP1143-1DA10	23190.-
				4	3NP1144-1DA10	38020.-
400[2]	2	1,2	Flat	1	3NP1151-1DA10	17590.-
				3	3NP1153-1DA10	31780.-
				4	3NP1154-1DA10	51430.-
630[2]	3	2,3	Flat	1	3NP1161-1DA10	23410.-
				3	3NP1163-1DA10	42580.-
				4	3NP1164-1DA10	68235.-

1-pole

3-pole

2-pole

4-pole

3NP1 with Electronic fuse monitoring [3]

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4]	Type	Unit LP* ₹
100[1]	000	000	Box	1	3NP1121-1CA24	14610.-
				3	3NP1123-1CA24	22615.-
160[2]	00	000,00	Flat	1	3NP1131-1CA14	13955.-
				3	3NP1133-1CA14	22820.-
250[2]	1	00,1	Flat	1	3NP1141-1DA14	23215.-
				3	3NP1143-1DA14	38020.-
400[2]	2	1,2	Flat	1	3NP1151-1DA14	28215.-
				3	3NP1153-1DA14	47025.-
630[2]	3	2,3	Flat	1	3NP1161-1DA14	34025.-
				3	3NP1163-1DA14	57435.-

1-pole with EFM

3-pole with EFM

1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
2) Box type terminals available for higher ratings 3NP1.
3) EFM voltage range: 1-pole: 24 ... 240 V AC (phase to N) / 24 ... 250 V DC (L+ to L-); 3-pole: 190 ... 690 V AC (phase to phase) . Further voltage ranges are available as accessories. EFM needs external 24V DC power supply.
4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories. Please refer page 43 for assembly kit selection.

Configurator for 3NP1
- Ready-to-install version
- Application specific switches
- Accessories

Std. Pkg. = 1 unit * LP - List Price

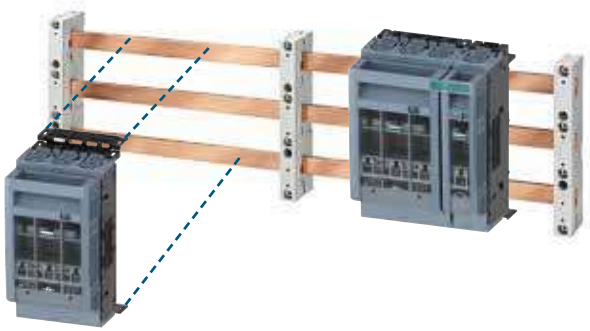
3NP1 mounting on 8US busbar

3NP1 mounting on 60mm 8US busbar system [3)]

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4)]	Type	Unit LP* ₹
100[1)]	000	000	Box	3	3NP1123-1BC20	11215.-
				4	3NP1124-1BC20	18685.-
160[2)]	00	00	Flat	3	3NP1133-1BC10	12040.-
				4	3NP1134-1BC10	20135.-
250[2)]	1	1	Flat	3	3NP1143-1BC10	38385.-
				4	3NP1144-1BC10	59830.-
400[2)]	2	2	Flat	3	3NP1153-1BC10	49610.-
				4	3NP1154-1BC10	77840.-
630[2)]	3	3	Flat	3	3NP1163-1BC10	62965.-
				4	3NP1164-1BC10	99880.-

8US busbar system



Accessories for 3NP1

Auxillary contact (1CO type)

3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	1745.-
00	3NP1930-1FA00	1745.-
1,2,3	3NP1940-1FA00	1900.-

Feeder terminals for 3NP1121/ 3 for use up to 160A

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	2200.-
		3	3NP1923-1BD00	4915.-

Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole[4)] and 4-pole 3NP1

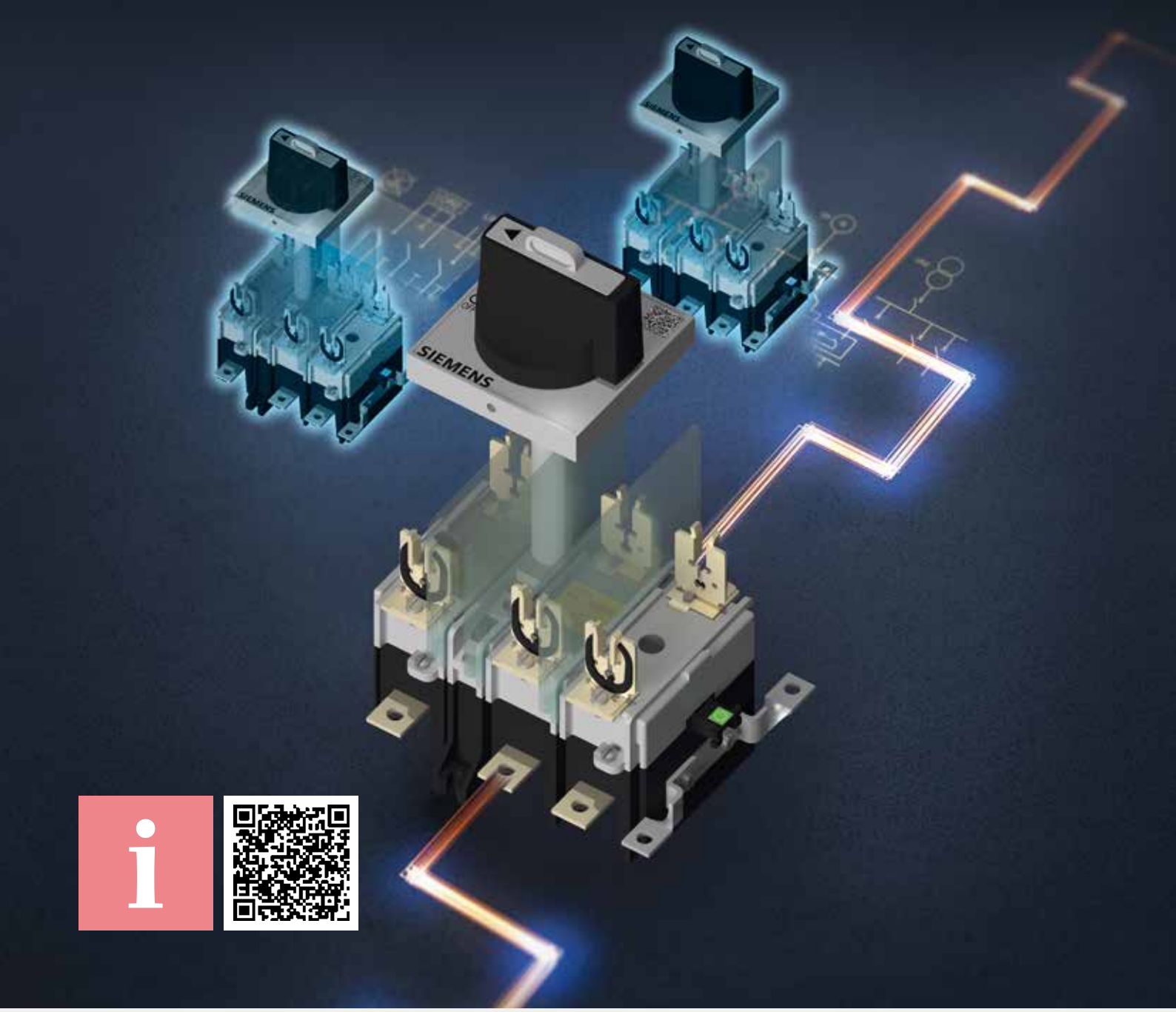
3NP1 Size	Type	Unit LP* ₹
000	3NP19211EC00	POR
00	3NP19311EC00	
1,2,3	3NP19411EC00	

Assembly kit for mounting 3NP1 floor type on 8US 60mm busbar system [5)]

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1EE10	POR
00			3NP1931-1EE10	

1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
2) Box type terminals available for higher ratings 3NP1.
3) 3NP1 also available for Rittal RiLine 60 busbar system with base
4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories.
5) Contains all parts for assembly and connection.

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price



SUPERSWITCH

Switch Disconnector Fuse - **3KL8**

Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

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SIEMENS

Superswitch 3KL8

- Wide range : Up to 800A in SDF and 1600A in SD
- Available in 2P,3P,3PN & 4P variants
- Suitable for isolation as per IS/IEC 60947-3
- Unique positive off indication
- Suitable for AC23A Duty @ 690V AC, 50Hz
- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection

4P

3PN

3P

2P

Switch disconnector fuse: 3KL8 4-pole, for power distribution (in Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	3340.-	3KL8111-4TJ00	3395.-	3KL8111-4TC00	3465.-	1
32A	3KL8121-4TA00	3455.-	3KL8121-4TJ00	3720.-	3KL8121-4TC00	3745.-	1
63A	3KL8151-4TA00	4650.-	3KL8151-4TJ00	4715.-	3KL8151-4TC00	4910.-	1
100A	3KL8171-4TA00	6980.-	–	–	–	–	1
100A	3KL8211-4TA00	10025.-	3KL8211-4TJ00	10935.-	–	–	1
125A	3KL8221-4TA00	12290.-	3KL8221-4TJ00	13020.-	–	–	1
160A	3KL8231-4TA00	13640.-	3KL8231-4TJ00	15820.-	–	–	1
200A	3KL8311-4UA00	19570.-	3KL8311-4UJ00	20545.-	–	–	1
250A	3KL8321-4UA00	22805.-	3KL8321-4UJ00	24350.-	–	–	1
315A	3KL8331-4UA00	27450.-	3KL8331-4UJ00	30045.-	–	–	1
400A	3KL8341-4UA00	30205.-	3KL8341-4UJ00	34710.-	–	–	1
500A	3KL8411-4UA00	49050.-	3KL8411-4UJ00	55950.-	–	–	1
630A	3KL8421-4UA00	50855.-	3KL8421-4UJ00	57975.-	–	–	1
800A$	3KL8431-4UA00	60110.-	3KL8431-4UJ00	62815.-	–	–	1

Switch disconnector fuse:3KL8 3PN for power distribution and motor protection (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	2965.-	3KL8111-5TJ00	2975.-	3KL8111-5TC00	2985.-	1
32A	3KL8121-5TA00	3015.-	3KL8121-5TJ00	3030.-	3KL8121-5TC00	3055.-	1
63A	3KL8151-5TA00	4045.-	3KL8151-5TJ00	4125.-	3KL8151-5TC00	4165.-	1
100A	3KL8171-5TA00	5790.-	–	–	–	–	1
100A	3KL8211-5TA00	8060.-	3KL8211-5TJ00	8135.-	–	–	1
125A	3KL8221-5TA00	10375.-	3KL8221-5TJ00	10425.-	–	–	1
160A	3KL8231-5TA00	11110.-	3KL8231-5TJ00	11160.-	–	–	1
200A	3KL8311-5UA00	15245.-	3KL8311-5UJ00	15705.-	–	–	1
250A	3KL8321-5UA00	17315.-	3KL8321-5UJ00	17790.-	–	–	1
315A	3KL8331-5UA00	20620.-	3KL8331-5UJ00	20960.-	–	–	1
400A	3KL8341-5UA00	24850.-	3KL8341-5UJ00	25215.-	–	–	1
500A	3KL8411-5UA00	39965.-	3KL8411-5UJ00	40885.-	–	–	1
630A	3KL8421-5UA00	42095.-	3KL8421-5UJ00	44280.-	–	–	1
800A$	3KL8431-5UA00	44885.-	3KL8431-5UJ00	47980.-	–	–	1

Switch disconnector fuse: 3KL8 3-pole, for motor protection (in Open Execution)

Rated current I_e @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	2875.-	1
32A	3KL8121-1TA00	2935.-	1
63A	3KL8151-1TA00	3975.-	1
100A	3KL8211-1TA00	7920.-	1
125A	3KL8221-1TA00	10070.-	1
160A	3KL8231-1TA00	10885.-	1
200A	3KL8311-1UA00	14770.-	1
250A	3KL8321-1UA00	17220.-	1
315A	3KL8331-1UA00	20310.-	1
400A	3KL8341-1UA00	24455.-	1
500A	3KL8411-1UA00	39355.-	1
630A	3KL8421-1UA00	41830.-	1
800A$	3KL8431-1UA00	44610.-	1

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

$ 3KL8431 (800A): 710A with fuse cover

Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KL8: Unit MRPs are without fuses
3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers
Please scan the QR code for brochure and Operation manual (OM)
Refer the OM for changes in dimension

Superswitch 3KL8

Switch disconnector fuse: 3KL8 2-pole (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A@	3KL8111-2TA00	2685.-	–	–	3KL8111-2TC00	2730.-	1
32A@	3KL8121-2TA00	2730.-	–	–	3KL8121-2TC00	2855.-	1
63A@	3KL8151-2TA00	3555.-	–	–	3KL8151-2TC00	3590.-	1
100A@	3KL8171-2TA00	5500.-	–	–	–	–	1
100A	3KL8211-2TA00	7575.-	3KL8211-2TJ00	7745.-	–	–	1
125A	3KL8221-2TA00	8775.-	3KL8221-2TJ00	9560.-	–	–	1
160A	3KL8231-2TA00	9125.-	3KL8231-2TJ00	10295.-	–	–	1
200A	3KL8311-2UA00	13265.-	3KL8311-2UJ00	14500.-	–	–	1
250A	3KL8321-2UA00	14450.-	3KL8321-2UJ00	16010.-	–	–	1
315A	3KL8331-2UA00	17575.-	3KL8331-2UJ00	18650.-	–	–	1
400A	3KL8341-2UA00	20950.-	3KL8341-2UJ00	22020.-	–	–	1
500A	3KL8411-2UA00	33070.-	3KL8411-2UJ00	38505.-	–	–	1
630A	3KL8421-2UA00	33830.-	3KL8421-2UJ00	39070.-	–	–	1
800A$	3KL8431-2UA00	44005.-	3KL8431-2UJ00	44145.-	–	–	1

Switch disconnector fuse in SS^ Enclosure (factory fitted)[1)]

Rated current I_e @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	6200.-	3KL8111-4TA10	7145.-	1
	BS	3KL8111-5TJ10	6250.-	3KL8111-4TJ10	7160.-	1
	CYL	3KL8111-5TC10	6290.-	3KL8111-4TC10	7220.-	1
32A	DIN	3KL8121-5TA10	6630.-	3KL8121-4TA10	7370.-	1
	BS	3KL8121-5TJ10	6650.-	3KL8121-4TJ10	7455.-	1
	CYL	3KL8121-5TC10	6685.-	3KL8121-4TC10	7480.-	1
63A	DIN	3KL8151-5TA10	7365.-	3KL8151-4TA10	8690.-	1
	BS	3KL8151-5TJ10	7390.-	3KL8151-4TJ10	8910.-	1
	CYL	3KL8151-5TC10	7450.-	3KL8151-4TC10	8940.-	1
100A	DIN	3KL8211-5TA10	11805.-	3KL8211-4TA10	14000.-	1
	BS	3KL8211-5TJ10	12150.-	3KL8211-4TJ10	14135.-	1
125A	DIN	3KL8221-5TA10	13995.-	3KL8221-4TA10	16860.-	1
	BS	3KL8221-5TJ10	14100.-	3KL8221-4TJ10	17390.-	1
160A	DIN	3KL8231-5TA10	15015.-	3KL8231-4TA10	18535.-	1
	BS	3KL8231-5TJ10	15130.-	3KL8231-4TJ10	18655.-	1
200A	DIN	3KL8311-5UA10	21650.-	3KL8311-4UA10	30255.-	1
	BS	3KL8311-5UJ10	21815.-	3KL8311-4UJ10	30950.-	1
250A	DIN	3KL8321-5UA10	24545.-	3KL8321-4UA10	32215.-	1
	BS	3KL8321-5UJ10	24715.-	3KL8321-4UJ10	32440.-	1
315A	DIN	3KL8331-5UA10	29200.-	3KL8331-4UA10	38345.-	1
	BS	3KL8331-5UJ10	29360.-	3KL8331-4UJ10	38540.-	1
400A	DIN	3KL8341-5UA10	33680.-	3KL8341-4UA10	42995.-	1
	BS	3KL8341-5UJ10	34110.-	3KL8341-4UJ10	43180.-	1
500A	DIN	3KL8411-5UA10	50150.-	3KL8411-4UA10	63235.-	1
	BS	3KL8411-5UJ10	50300.-	3KL8411-4UJ10	63920.-	1
630A	DIN	3KL8421-5UA10	52795.-	3KL8421-4UA10	67150.-	1
	BS	3KL8421-5UJ10	52950.-	3KL8421-4UJ10	67350.-	1
800A$	DIN	3KL8431-5UA10	56680.-	3KL8431-4UA10	72095.-	1
	BS	3KL8431-5UJ10	56825.-	3KL8431-4UJ10	72285.-	1

SS ^ Enclosure for 3LK8/ 3KA8

Rated current I_e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	4385.-	1
200A-400A	3KX8345-4AC	5835.-	1
500A-800A	3KX8435-4AC [1)]	9565.-	1
200A-800A	3KX8435-4AG [#2)] NEW	16430.-	1

^ SS stands for Sheet Steel

Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

Std. Pkg. = 1 unit * MRP - Maximum Retail Price

@ In 3P housing

^ SS stands for Sheet Steel

1) 3KL8 in SS Enclosure:Includes 3KL8 SDF without fuses,SS Enclosure, front drive (Handle) and phase barriers

$ 3KL8431 (800A): 710A with fuse cover

Notes:

2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole

3KL8: Unit MRPs are without fuses

3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

Superswitch 3KA8

Switch Disconnector: 3KA8 for power distribution (in Open Execution)

Rated current I_e @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00@	3010.-	3KA8151-5TE00	3625.-	3KA8151-4TE00	5160.-	1
100A	–	–	3KA8171-5TE00	5645.-	3KA8171-4TE00	10380.-	1
100A	3KA8211-2TE00	5270.-	3KA8211-5TE00	7180.-	3KA8211-4TE00	12005.-	1
125A	3KA8221-2TE00	6615.-	3KA8221-5TE00	8240.-	3KA8221-4TE00	12895.-	1
160A	3KA8231-2TE00	8810.-	3KA8231-5TE00	10725.-	3KA8231-4TE00	16245.-	1
200A	3KA8311-2UE00	11205.-	3KA8311-5UE00	13850.-	3KA8311-4UE00	18855.-	1
250A	3KA8321-2UE00	12260.-	3KA8321-5UE00	14625.-	3KA8321-4UE00	23160.-	1
400A	3KA8341-2UE00	17010.-	3KA8341-5UE00	21625.-	3KA8341-4UE00	31565.-	1
630A$	3KA842□-2UE00	27280.-	3KA842□-5UE00	34325.-	3KA842□-4UE00	45190.-	1
800A$	3KA843□-2UE00	28465.-	3KA843□-5UE00	35425.-	3KA843□-4UE00	51855.-	1
1000A$	3KA844□-2UE00	38090.-	3KA844□-5UE00	50885.-	3KA844□-4UE00	63900.-	1
1250A$	3KA845□-2UE00	50085.-	3KA845□-5UE00	66010.-	3KA845□-4UE00	76820.-	1
1600A$	3KA846□-2UE00	57765.-	3KA846□-5UE00	73060.-	3KA846□-4UE00	103460.-	1

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing
$ Utilization category AC21A @690V AC (1600A: @500V AC)

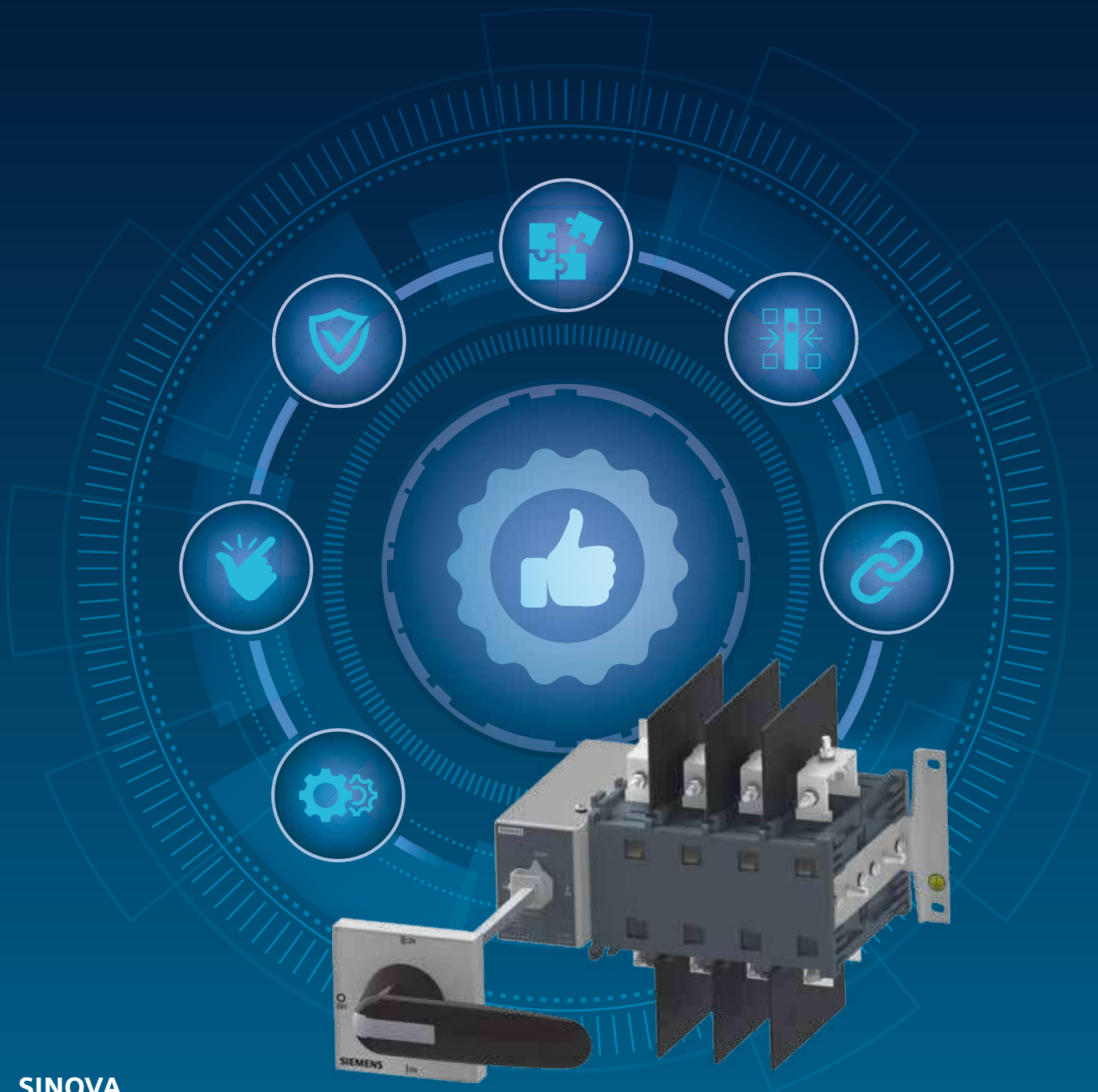
Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KA8: Unit MRPs are inclusive of Front drive (Handle)
Please scan the QR code for Catalog and Operating instruction sheets (OIS)
Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse cover [2]	2P	DIN	3KX8150-0AE [5]	290.-	3KX8230-0JF	700.-	3KX8340-0AF	1025.-	3KX8430-0JF	1450.-	1
		BS			3KX8230-0HF	700.-			3KX8430-0HF	1450.-	1
	3P	DIN			3KX8230-0JE	700.-	3KX8340-0AE	1025.-	3KX8430-0JE	1450.-	1
		BS			3KX8230-0HE	700.-			3KX8430-0HE	1450.-	1
	4P	DIN	3KX8150-0AG [5]	485.-	3KX8230-0JG	700.-	3KX8340-0AG	1025.-	3KX8430-0JG	1450.-	1
		BS			3KX8230-0HG	700.-			3KX8430-0HG	1450.-	1
Terminal cover (1set = 2pieces)	2P	–	3KX8151-0AE	140.-	3KX8231-0AF	590.-	3KX8341-0AF	1120.-	3KX8431-0AF	1310.-	1
	3P	–			3KX8231-0AE	590.-	3KX8341-0AE	1120.-	3KX8431-0AE	1310.-	1
	4P	–	3KX8151-0AG	515.-	3KX8231-0AG	590.-	3KX8341-0AG	1120.-	3KX8431-0AG	1310.-	1
Phase barrier	–	DIN/ BS/ Cylindrical	3KX8153-0AE	55.-	3KX8153-0AE (DIN)	55.-	3KX8343-0AE	180.-	3KX8433-0AE	270.-	1
					3KX8233-0JE (BS)	55.-					1
Fuse cover phase barrier kit [3]			–	–	–	–	3KX8340-9AE	570.-	3KX8440-9AE	570.-	1
Auxiliary switch (1NO+1NC)			3SB5400-0A^#	230.-	3KX3522-1YC	900.-	3KX3552-1YC	1085.-	3KX3582-1YC	1310.-	1
Auxiliary switch (2NO+2NC)			–	–	3KX3522-1YD	1625.-	3KX3552-1YD	2350.-	3KX3582-1YD	2540.-	1
Auxiliary switch cover			3KX8154-0AC	100.-	3KX8234-0AC	100.-	–	–	–	–	1
Front drive (Handle)			8UC6114-1BB00	1135.-	8UC6214-1BB00	1285.-	8UC6314-1BB00	1940.-	8UC6414-1BB00	2830.-	1
Operating shaft (300mm)			8UC60-31	315.-	8UC60-32	380.-	8UC60-34	735.-	8UC60-34	735.-	1
Castell interlock[1]^			8UC6070-0YQ..	5925.-	8UC6070-1YQ..	5925.-	8UC6070-2YQ..	6085.-	8UC6070-2YQ..	6085.-	1
Depth setting template			8UC6046-2	60.-	8UC6046-2	60.-	8UC6046-2	60.-	8UC6046-2	60.-	1
Fuse Monitor with auxiliary switch^ (1NO+1NC)			3RV1611-0BD10	9410.-	3RV1611-0BD10	9410.-	3RV1611-0BD10	9410.-	3RV1611-0BD10	9410.-	1
			3RV2901-1E	1225.-	3RV2901-1E	1225.-	3RV2901-1E	1225.-	3RV2901-1E	1225.-	1
Fuse safety barrier			3KX8150-1AC	150.-	3KX8230-1AC	200.-	–	–	–	–	1
Gland box with gland plate (1no.)			3KX8235-4DC	5085.-	3KX8235-4DC	5085.-	3KX8345-4DC	7020.-	3KX8435-4DC	10695.-	1
									3KX8435-4DG [4] NEW	17500.-	1
Gland plate			3KX8235-4GC	1075.-	3KX8235-4GC	1075.-	3KX8345-4GC	1400.-	3KX8435-4GC	1550.-	1
									3KX8435-4GG [4] NEW	1570.-	1

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock & key. Combinations available are A, B, C, D, A-, -B, -C, AB, AC. 11th place will be A, B, C, D for castell lock type A, B, C, D respectively. 11th and 12 place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively.
2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF
3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF
4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG
5) Also,suitable for SDF with cylindrical type HRC fuses
Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00,3KL8...-3.C00

Std. Pkg. = 1 unit * MRP - Maximum Retail Price ^ - List Price # - Std. pkg. = 10



SINOVA

On Load Changeover Switches – 3KJ

Simply Efficient

- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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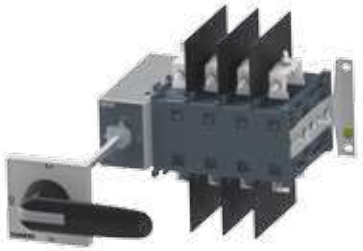
SIEMENS

Manual On Load Changeover Switch 3KJ

- 63A to 3150A in 4-pole configuration
- Open and Enclosed execution
- Comply to IS/IEC 60947-3
- Suitable for Positive isolation
- Available in AC-21 / AC-22 / AC-23 @415V 50/60Hz
- Wide portfolio of accessories and spares
- Built-in bridging bars and phase barriers
- Suitable terminals and metallic handles 1000A onwards
- Stable I-O-II positions with safe switching
- Modular range for rating 125A to 3150A



Manual On Load Changeover Switch 3KJ 4-pole, for power distribution

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std.pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	6775.-	3KJ1126-4AA20-1AA0	13400.-	1
		100	3KJ1130-4AA20-0AA0	9015.-	3KJ1130-4AA20-1AA0	15745.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	13495.-	3KJ0132-4AA20-1AA0	18345.-	1
		160	3KJ0134-4AA20-0AA0	14830.-	3KJ0134-4AA20-1AA0	21005.-	1
	2	200	3KJ0236-4AA20-0AA0	18890.-	3KJ0236-4AA20-1AA0	24300.-	1
		250	3KJ0238-4AA20-0AA0	23110.-	3KJ0238-4AA20-1AA0	30195.-	1
		315	3KJ0240-4AA20-0AA0	30280.-	3KJ0240-4AA20-1AA0	36910.-	1
		400	3KJ0242-4AA20-0AA0	43955.-	3KJ0242-4AA20-1AA0	54870.-	1
	3	630	3KJ0346-4AA20-0AA0	52275.-	3KJ0346-4AA20-1AA0	63175.-	1
		800	3KJ0348-4AA20-0AA0	75825.-	3KJ0348-4AA20-1AA0	90860.-	1
	4	1000	3KJ0450-4AA30-0AA0	142805.-	3KJ0450-4AA30-1AA0	157040.-	1
		1250	3KJ0452-4AA30-0AA0	175995.-	3KJ0452-4AA30-1AA0	202815.-	1
		1600	3KJ0454-4AA30-0AA0	224360.-	3KJ0454-4AA30-1AA0	273530.-	1
	5	2000	3KJ0556-4AA30-0AA0	345380.-	3KJ0556-4AA30-1AA0	377015.-	1
		2500	3KJ0558-4AA30-0AA0	442810.-	3KJ0558-4AA30-1AA0	482415.-	1
		3150	3KJ0560-4AA30-0AA0	569375.-	3KJ0560-4AA30-1AA0	653895.-	1

Notes:
3KJ On Load Changeover Switch is switch disconnector type
3KJ: Unit MRPs are inclusive of Front drive (Handle), shaft, phase barriers and bridging bars
Non-Modular construction
POR: Price On Request
Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit * MRP - Max. Retail Price

Manual On Load Changeover Switch 3KJ

Auxiliary switch

Gland box

Accessories and spares

Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch [1]	1CO	3KJ9101-1AB00	680.-					1
	2CO	3KJ9101-1AD00	1355.-					1
	1NO+1NC			3KJ9001-1AB00	1755.-	3KJ9001-5AB00	3560.-	1
	2NO+2NC			3KJ9001-1AD00	6125.-	3KJ9001-5AD00	13300.-	1
Gland box [2]	With one gland plate			3KJ9013-1MA00	3655.-	3KJ9013-2MB00	8265.-	1
Spare Phase barrier		3KJ9103-1CA00	45.-	3KJ9003-1CA00	65.-	3KJ9003-3CA00	100.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	640.-	3KJ9006-2FT00	640.-	3KJ9006-2FT00	640.-	1
Spare Shaft		3KJ9107-1GA00	215.-	3KJ9007-2GA00	215.-	3KJ9007-2GA00	215.-	1
Spare pole [3]				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
						315A 3KJ9008-2HG00		1
						400A 3KJ9008-2HH00		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A 3KJ9002-2BC00	POR	1
						250A,315A 3KJ9002-2BD00		1
						400A 3KJ9002-2BE00		1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch [1]	1NO+1NC	3KJ9001-5AB00	3560.-	3KJ9001-5AB00	3560.-	3KJ9001-5AB00	3560.-	1
	2NO+2NC	3KJ9001-5AD00	13300.-	3KJ9001-5AD00	13300.-	3KJ9001-5AD00	13300.-	1
Gland box [2]	With one gland plate	3KJ9013-3MC00	12720.-					1
Spare Phase barrier		3KJ9003-3CA00	100.-	3KJ9003-4CA00	360.-			1
	Lower side					3KJ9003-5CA10	360.-	1
	Front side					3KJ9003-5CA20	390.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	730.-					1
	Metallic			3KJ9006-4FM00	2110.-	3KJ9006-5FM00	2265.-	1
Spare Shaft		3KJ9007-4GA00	460.-	3KJ9007-4GA00	460.-	3KJ9007-5GA00	460.-	1
Spare pole [3]		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00		1
Spare Extended link				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR			1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
						3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1

Notes:
1) Accessory - Auxiliary switch includes 2units. One each for position I and II
2) Accessory - Gland box is to be used with enclosed switches
3) Spare pole: For ratings 2000A, 2500A and 3150A. Use 2units of 1000A, 1250A and 1600A
POR: Price On Request

Std. Pkg. = 1 unit * MRP - Max. Retail Price

When it comes to safety, **nothing beats SIVACON**

SIVACON S8 - the only most economical switchboard with true closed door trolley disconnection

The SIVACON S8 low-voltage power distribution switchboard sets new standards of fail-proof safety & service. In conformance to the IEC 61439-1&2, SIVACON S8 guarantees high performance, maximum safety and compact modularity.

Features

- The only 'Arc Free' switchboards in the world
- SIVACON patented double front PCCs upto 7000A, 150kA
- Patented holeless technology for connections
- Patented ventilation technique
- Combination of fixed, plugin & drawout feeders in the same vertical
- State-of-the-art technology, innovation in design and unmatched performance

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SIEMENS

Main control and EMERGENCY STOP switches 3LD2

- Rated current range: 16A-250A
- Conforms to IEC 60947-3 / UL508
- Can be used for motor & power distribution application

Main and EMERGENCY-STOP switches with rotary operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2003-0TK5□	3290.-
	25	9.5	3LD2103-0TK5□	3635.-
	32	11.5	3LD2203-0TK5□	4055.-
	63	22	3LD2504-0TK5□	6945.-
	100	37	3LD2704-0TK5□	10525.-
	125	45	3LD2804-0TK5□	13415.-
	160	75	3LD2305-0TK1□	POR
	250	132	3LD2405-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches with selector switch operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 2 padlocks,
Degree of Protection IP65,
Including terminal cover for incoming side

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2022-0TK1□	2935.-
	25	9.5	3LD2122-0TK1□	3220.-
	32	11.5	3LD2222-0TK1□	3905.-

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switches with selector switch operating mechanism

Front mounting - Four hole mounting
Selector switch cannot be locked
Degree of Protection IP65
Black Actuator

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD2123-7UK01	7205.-
	32	11.5	3LD2223-7UK01	7880.-
	63	22	3LD2524-7UK01	13035.-
	100	37	3LD2724-7UK01	24235.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

Changeover switch with knob Operated MechanismIn moulded plastic enclosure

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD21657UB01	11535.-
	32	11.5	3LD22657UB01	13110.-
	63	22	3LD25667UB01	28440.-
	100	37	3LD27667UB01	49005.-

Main and EMERGENCY-STOP switches with door coupling rotary operating mechanism

Panel mounting with 300mm switch shaft -
Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65
Including terminal cover for incoming side

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2013-0TK5□	5270.-
	25	9.5	3LD2113-0TK5□	5850.-
	32	11.5	3LD2213-0TK5□	6450.-
	63	22	3LD2514-0TK5□	7735.-
	100	37	3LD2714-0TK5□	12705.-
	125	45	3LD2814-0TK5□	15870.-
	160	75	3LD2318-0TK1□	POR
	250	132	3LD2418-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches

In Moulded plastic enclosures
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65,
with centre hole mounting
with N and/or PE ground terminals

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2064-0TB5□	4685.-
	25	9.5	3LD2164-0TB5□	5080.-
	32	11.5	3LD2264-0TB5□	6040.-
	63	22	3LD2565-0TB5□	10000.-
	100	37	3LD2766-0TB5□	22725.-
	125	45	3LD2866-0TB5□	41130.-

□ - 1: Black OR
□ - 3: Red/yellow

Note: 3LD23/24 knob operated mechanism

POR: Price On Request

Std. Pkg. = 1 unit * LP - List Price

Configurator for 3LD

- Ready-to-install version
- Application specific switches
- Accessories

Accessories for 3LD2

Mounting	Description	For Switch	Type	Unit LP* ₹	Std. pkg. (nos.)
For front mounting switch	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	3LD9220-0B	1480.-	1
		3LD25 (63A)	3LD9250-0BA	2175.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	2700.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1
	N or PE terminal Continous	3LD20 (16A)	3LD9200-2B	990.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	1130.-	1
		3LD25 (63A)	3LD9250-2BA	1485.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	1805.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-2B	POR	1
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5B	1645.-	1
For floor and distribution board mounting switch or 3LD2 switch in moulded-plastic enclosure	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 (25A) and 3LD22 (32A)	3LD9220-0C	1480.-	1
		3LD25 (63A)	3LD9250-0CA	2175.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0C	2700.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0C	POR	1
	N or PE terminal Continous	3LD20 (16A)	3LD9200-2C	1340.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	1130.-	1
		3LD25 (63A)	3LD9250-2CA	1485.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	1805.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-2C	POR	1
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5C	1560.-	1
Terminal cover for touch protection can be snapped on at top & bottom for front, floor and distribution board mounting	4 pole	3LD20 (16A)	3LD9201-1A	505.-	4
	3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	470.-	4
	3 pole	3LD25 (63A)	3LD9251-0A	525.-	4
	1 pole	3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	255.-	4
	1 pole	3LD23 (160A) and 3LD24 (250A)	3LD9241-2A	POR	4
For front (four hole mounting only) and floor mounting switch or 3LD2 switch in moulded-plastic enclosure	Auxiliary switch, front-mounted, for long leading times 1NO+1NC, lagging switch-on, leading switch-off (20 ms to 150 ms)	3LD20, 3LD21, 3LD22, 3LD25, 3LD27 and 3LD28	3LD9280-5D	POR	1
		3LD23 and 3LD24	3LD9240-5D	POR	1

3LD2 maintenance and repair switches with EMC shield plate.
Please contact your nearest Siemens partner for further details.

Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type	Unit LP* ₹	Std. pkg. (nos.)
Open execution	On/Off	7.5	3LA0201-1YA	2730.-	10
		30	3LA0601-1YB	6335.-	5
	System selector	5.5	3LA0202-1YA	3115.-	10
		30	3LA0602-1YB	8860.-	5
	Reversing	5.5	3LA0203-1YA	3115.-	10
		30	3LA0603-1YB	8860.-	5
	Star-delta	12	3LA0204-5YA	4390.-	10
		30	3LA0604-1YB	12060.-	5
	2 speed pole changing i) Separate windings	5.5	3LA0205-2YA	3115.-	10
	ii) Dahlander	5.5	3LA0205-1YA	4190.-	10
	Reversing pole changing	5.5	3LA0205-3YA	6025.-	10

POR: Price On Request

* LP - List Price

Spares & accessories for motor control switches**

Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	165.-	10
Machine handle – Black	3LX0 611-2YA	445.-	10
Indicating dial for size 2	3LX0 220-1YA	125.-	10
Indicating dial for size 6	3LX0 620-1YA	125.-	10
Catching lever for the drive mechanism of size 2switch (2 nos. reqd. per switch)	3LY0 220-2YA	125.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	115.-	10

** All parts supplied loose in polythene bags.

Heavy duty switches 3LA0

No. of poles	Rated current		Open execution		
	AC 22A	AC 23A	Type	Unit LP* ₹	Std. pkg. (nos.)
2	25	16	3LA0205-4YA	1870.-	10
	63	52	3LA0605-1YB	4495.-	5
4	25	16	3LA0205-5YA	3115.-	10
	63	52	3LA0605-2YB	8195.-	5

3LD4
Control Switches

- Compact and flexible design
- Double break contacts ensures high reliability
- Suitable for ambient temperatures up to 50°C
- Quick and easy installation
- High electrical and mechanical life

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SIEMENS

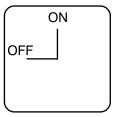
3LD4 Control Switches

The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation

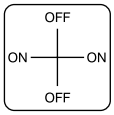
ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1AA00-0RC0	1 Pole	185.-	350.-	420.-	440.-	455.-	565.-	720.-	840.-	4390.-	1
3LD4 ___ 2AA00-0RC0	2 Pole	235.-	400.-	475.-	530.-	550.-	655.-	860.-	1075.-	5485.-	
3LD4 ___ 3AA00-0RC0	3 Pole	255.-	475.-	555.-	605.-	720.-	805.-	1005.-	1445.-	6750.-	
3LD4 ___ 4AA00-0RC0 NEW	4 Pole	315.-	515.-	595.-	725.-	885.-	950.-	1150.-	1740.-	7905.-	

90° Operation with complete rotation

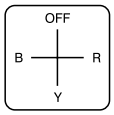


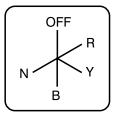
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-0RC0	1 Pole	180.-	350.-	420.-	440.-	445.-	555.-	715.-	835.-	4390.-	1
3LD4 ___ 2BC00-0RC0	2 Pole	235.-	400.-	475.-	530.-	550.-	655.-	860.-	1075.-	5485.-	
3LD4 ___ 3BC00-0RC0	3 Pole	255.-	475.-	555.-	605.-	720.-	805.-	1005.-	1445.-	6750.-	
3LD4 ___ 4BC00-0RC0 NEW	4 Pole	315.-	515.-	595.-	725.-	885.-	950.-	1150.-	1740.-	7905.-	

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD4***001***3AA00-0RC0

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



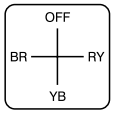


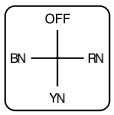
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	385.-	1
	10A	3LD41024DC200RC0	460.-	
	16A	3LD41034DC200RC0	590.-	
	20A	3LD41044DC200RC0	660.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	380.-	
	10A	3LD41024DD200RC0	455.-	
	16A	3LD41034DD200RC0	580.-	
	20A	3LD41044DD200RC0	735.-	

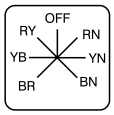
* LP - List Price

3LD4 Control Switches

Voltmeter Selector Switch (VSS)



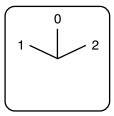




Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	280.-	1
	10A	3LD41024DC300RC0	420.-	
	16A	3LD41034DC300RC0	535.-	
	20A	3LD41044DC300RC0	605.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	500.-	
	10A	3LD41024DC310RC0	565.-	
	16A	3LD41034DC310RC0	725.-	
	20A	3LD41044DC310RC0	800.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	500.-	
	10A	3LD41024DF300RC0	840.-	
	16A	3LD41034DF300RC0	1000.-	
	20A	3LD41044DF300RC0	1085.-	

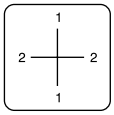
Changeover Switch

With OFF (60°)



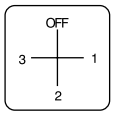
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-0RC0	1P 2W	235.-	435.-	530.-	545.-	555.-	615.-	835.-	1135.-	5670.-	1
3LD4 ___ 2BB10-0RC0	2P 2W	315.-	530.-	595.-	705.-	750.-	880.-	1145.-	1715.-	8295.-	
3LD4 ___ 3BB10-0RC0	3P 2W	385.-	655.-	800.-	985.-	1140.-	1230.-	1445.-	2310.-	10740.-	
3LD4 ___ 4BB10-0RC0 NEW	4P 2W	475.-	725.-	920.-	1205.-	1515.-	1590.-	1765.-	2920.-	13690.-	

Without OFF (90°)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-0RC0	1P 2W	235.-	435.-	530.-	535.-	555.-	615.-	835.-	1135.-	5670.-	1
3LD4 ___ 2PC10-0RC0	2P 2W	315.-	530.-	595.-	705.-	750.-	880.-	1145.-	1715.-	8295.-	
3LD4 ___ 3PC10-0RC0	3P 2W	385.-	655.-	800.-	985.-	1140.-	1230.-	1445.-	2310.-	10740.-	
3LD4 ___ 4PC10-0RC0 NEW	4P 2W	475.-	725.-	920.-	1205.-	1515.-	1590.-	1765.-	2920.-	13690.-	

Phase Changeover Switch (PCS)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-0RC0	1P 3W	280.-	380.-	445.-	530.-	535.-	665.-	975.-	1090.-	4660.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD4***102***3BB10-0RC0

* LP - List Price

3LD4 Control Switches

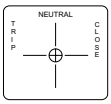
Breaker Control Switch NEW

Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers.

BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.

Product Features

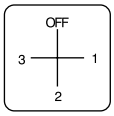
- Pistol grip handle for easy operation
- Spring return operation
- High electrical &mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1



Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-0RC0	1560.-	1
	32A	3LD4206-2BB50-0RC0	1845.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-0RC0	1880.-	
	32A	3LD4206-4BB50-0RC0	2195.-	

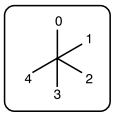
Multistep Switch

Multistep 3 Way with OFF



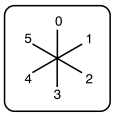
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC40-0RC0	1P 3W	280.-	475.-	550.-	565.-	595.-	670.-	950.-	1075.-	5815.-	1
3LD4 ___ 2CC40-0RC0	2P 3W	385.-	555.-	670.-	800.-	915.-	980.-	1410.-	1585.-	8540.-	
3LD4 ___ 3CC40-0RC0	3P 3W	555.-	745.-	1135.-	1215.-	1350.-	1470.-	1875.-	2455.-	11165.-	
3LD4 ___ 4CC40-0RC0	4P 3W	715.-	955.-	1375.-	1505.-	1685.-	1855.-	2520.-	2935.-	14100.-	

Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1DD40-0RC0	1P 4W	320.-	425.-	800.-	865.-	955.-	1065.-	1210.-	1640.-	5145.-	1
3LD4 ___ 2DD40-0RC0	2P 4W	555.-	805.-	945.-	970.-	1010.-	1170.-	1515.-	1915.-	7495.-	
3LD4 ___ 3DD40-0RC0	3P 4W	775.-	1080.-	1500.-	1570.-	1685.-	1935.-	2580.-	2935.-	20640.-	

Multistep 5 Way with OFF

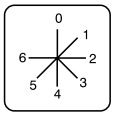


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1EE40-0RC0	1P 5W	360.-	675.-	920.-	1040.-	1200.-	1215.-	1500.-	1750.-	5160.-	1
3LD4 ___ 2EE40-0RC0	2P 5W	655.-	1050.-	1220.-	1410.-	1635.-	1915.-	1970.-	2460.-	7490.-	

* LP - List Price

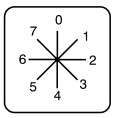
Multistep Switch

Multistep 6 Way with OFF



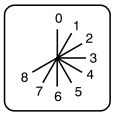
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1FF40-0RC0	1P 6W	470.-	760.-	885.-	975.-	1065.-	1245.-	1275.-	2065.-	1
3LD4 ___ 2FF40-0RC0	2P 6W	775.-	1145.-	1285.-	1450.-	1640.-	1985.-	2540.-	3315.-	

Multistep 7 Way with OFF



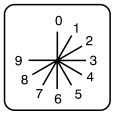
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1GG40-0RC0	1P 7W	475.-	785.-	970.-	1060.-	1215.-	1270.-	1320.-	2050.-	1

Multistep 8 Way with OFF



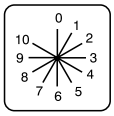
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1HH40-0RC0	1P 8W	540.-	665.-	950.-	1105.-	1

Multistep 9 Way with OFF



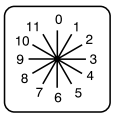
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1JJ40-0RC0	1P 9W	555.-	810.-	985.-	1170.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1KK40-0RC0	1P 10W	655.-	855.-	1320.-	1775.-	1

Multistep 11 Way with OFF



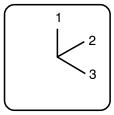
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1LL40-0RC0	1P 11W	775.-	930.-	1450.-	1915.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD4***001***3DD40-0RC0

* LP - List Price

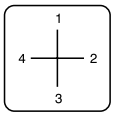
Multistep Switch

Multistep 3 Way without OFF



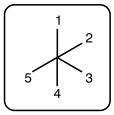
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-0RC0	1P 3W	265.-	455.-	555.-	565.-	705.-	730.-	1130.-	1270.-	4770.-	1
3LD4 ___ 2QB40-0RC0	2P 3W	385.-	690.-	785.-	860.-	925.-	950.-	1410.-	1665.-	8540.-	
3LD4 ___ 3QB40-0RC0	3P 3W	555.-	860.-	1170.-	1250.-	1350.-	1470.-	2065.-	2455.-	9170.-	
3LD4 ___ 4QB40-0RC0	4P 3W	715.-	955.-	1355.-	1545.-	1710.-	1820.-	4010.-	4430.-	9835.-	

Multistep 4 Way without OFF



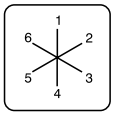
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-0RC0	1P 4W	305.-	500.-	675.-	735.-	845.-	885.-	1220.-	1705.-	5815.-	1
3LD4 ___ 2RC40-0RC0	2P 4W	435.-	720.-	800.-	920.-	1000.-	1090.-	1470.-	1915.-	8975.-	
3LD4 ___ 3RC40-0RC0	3P 4W	590.-	705.-	1270.-	1405.-	1590.-	1765.-	1925.-	2565.-	11835.-	

Multistep 5 Way without OFF



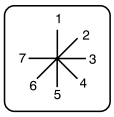
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-0RC0	1P 5W	360.-	525.-	730.-	835.-	950.-	1170.-	1500.-	1920.-	5135.-	1
3LD4 ___ 2SD40-0RC0	2P 5W	655.-	885.-	1000.-	1285.-	1505.-	1625.-	2080.-	2640.-	7380.-	

Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1TE40-0RC0	1P 6W	380.-	470.-	915.-	975.-	1065.-	1215.-	1415.-	1795.-	8540.-	1
3LD4 ___ 2TE40-0RC0	2P 6W	745.-	900.-	1230.-	1545.-	1885.-	1940.-	1970.-	2515.-	17040.-	

Multistep 7 Way without OFF

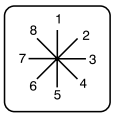


Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1UF40-0RC0	1P 7W	470.-	595.-	690.-	955.-	1260.-	1265.-	1515.-	2250.-	1

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF

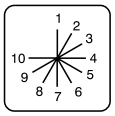


Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1VG40-0RC0	1P 8W	475.-	940.-	1035.-	1105.-	1

Multistep 9 Way without OFF

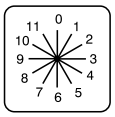
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1WH40-0RC0	1P 9W	555.-	970.-	1645.-	2040.-	1

Multistep 10 Way without OFF



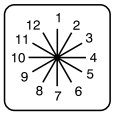
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1XJ40-0RC0	1P 10W	595.-	990.-	1820.-	2455.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1YK40-0RC0	1P 11W	620.-	1010.-	1955.-	2585.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1ZL40-0RC0	1P 12W	675.-	1035.-	2040.-	2620.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 1 Pole Multistep 4 Way with OFF the complete type no will be 3LD4***001***3DD40-0RC0

* LP - List Price

Power monitoring made simple

Power monitoring devices and software from the SENTRON portfolio

- Ease of operation and visualization
- Scalability
- Cyber Security
- Various communication protocols

www.siemens.com/powermonitoring

SIEMENS

Energy Management System

(A) Hardware Solutions

Complete Range of Power Monitoring Devices for LV and HV Networks

PAC 3120: Cost Effective Solution for digital measurement

- Display of instantaneous, maximum and minimum values
- Measurement of Active & Reactive Power (Import / Export / Net)
- CT polarity reversal correction from the device

PAC 3220: Specialist solution for precise energy data capture

- Dual Metering function
- Dual ethernet interface for MODBUS TCP communication
- Optional communication over PROFIBUS DP and PROFINET

PAC 4200: Professional solution for communication and monitoring

- Integrated gateway functionality for MODBUS RTU devices
- Reliable event recording with battery backup
- Sliding window for maximum demand

Description	Type	Unit LP* ₹
PAC 3120 with integrated RS 485 port for MODBUS RTU Class 0.5 accuracy, screw terminals AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	**7KM3120-0BA01-1DA0#**	**53240.-**
PAC 3220 with integrated dual ethernet port for MODBUS TCP Class 0.5 accuracy, screw terminals With AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	**7KM3220-0BA01-1DA0#**	**72730.-**
PAC 4200 with integrated ethernet port for MODBUS TCP Class 0.2s accuracy, screw terminals With AC/DC wide voltage power supply 95...240V AC ±10%, 50/60Hz, 110...340V DC ±10%	**7KM4212-0BA00-3AA0#**	**POR**

Expansion Modules (for PAC3220 and PAC4200)

Description	Type	Unit LP * ₹
PROFIBUS DP expansion module	**7KM9300-0AB01-0AA0**	**25965.-**
RS485 expansion module for MODBUS RTU	**7KM9300-0AM00-0AA0**	**20050.-**
Switched Ethernet PROFINET V3 expansion module	**7KM9300-0AE02-0AA0**	**POR**
Digital Expansion Module 4DI/2DO$	**7KM9200-0AB00-0AA0**	**POR**
Analog Expansion Module	**7KM9200-0AD00-0AA0**	**POR**

For extra low DC voltage (22 ... 65 V DC ± 10 %) option, please contact your nearest Siemens partner.

$ Maximum 2 nos.can be connected if communication expansion module is not connected.
For exact configuration, contact your nearest Siemens Sales Office.

PAC EXPANSION Modules

7KM PAC 3220

7KM PAC 4200

MODBUS RTU

PROFINET

PROFIBUS DP

I(N), I(Diff), Analog

PAC 4DI/2DO

(B) Software Solution

Description	Unit LP* ₹
SENTRON powermanager: Complete Energy Management Software	**POR**

POR: Price On Request

Std. Pkg. = 1 unit

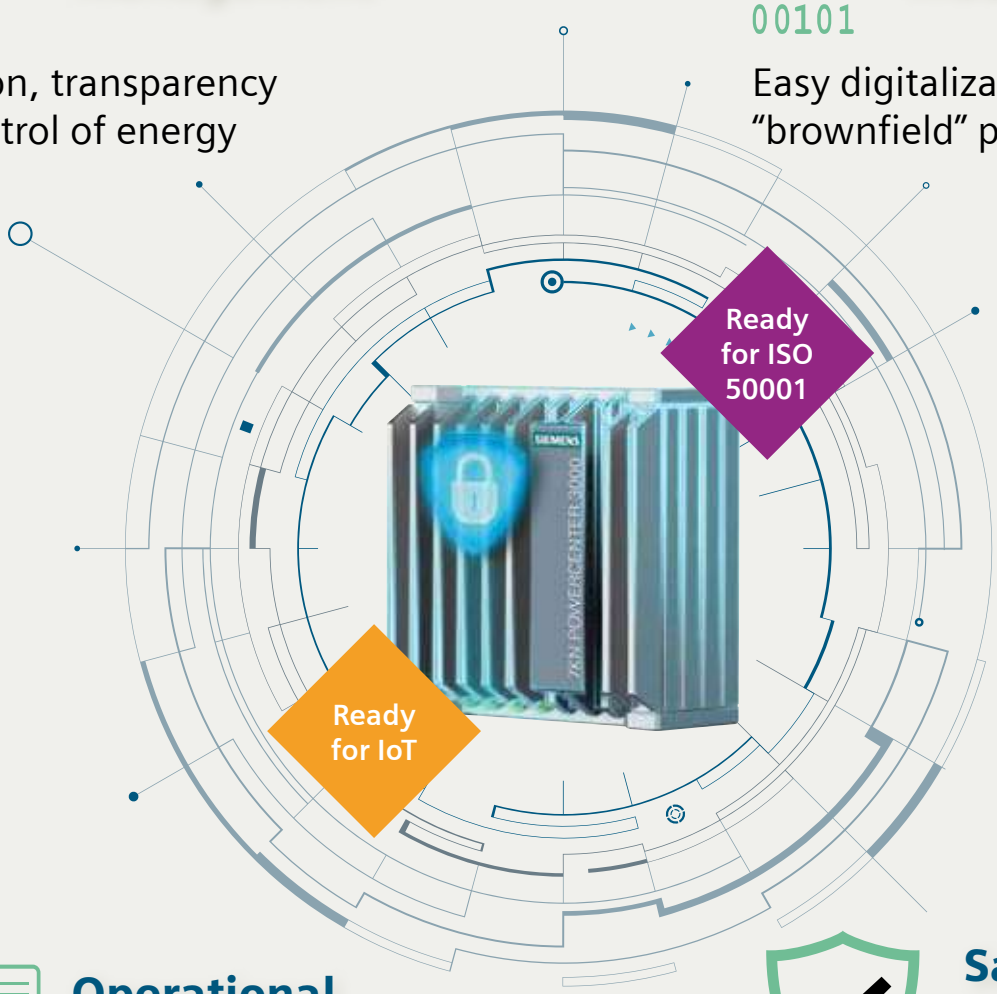
* LP - List Price

Energy management

Detection, transparency and control of energy flows

Adaptability to Industry 4.0

Easy digitalization of “brownfield” projects



Operational flexibility

Choice of visualization via Web Interface, on premise or connect to Cloud

Safety through reliability

Identifying potential outages at an early stage enable preventing them

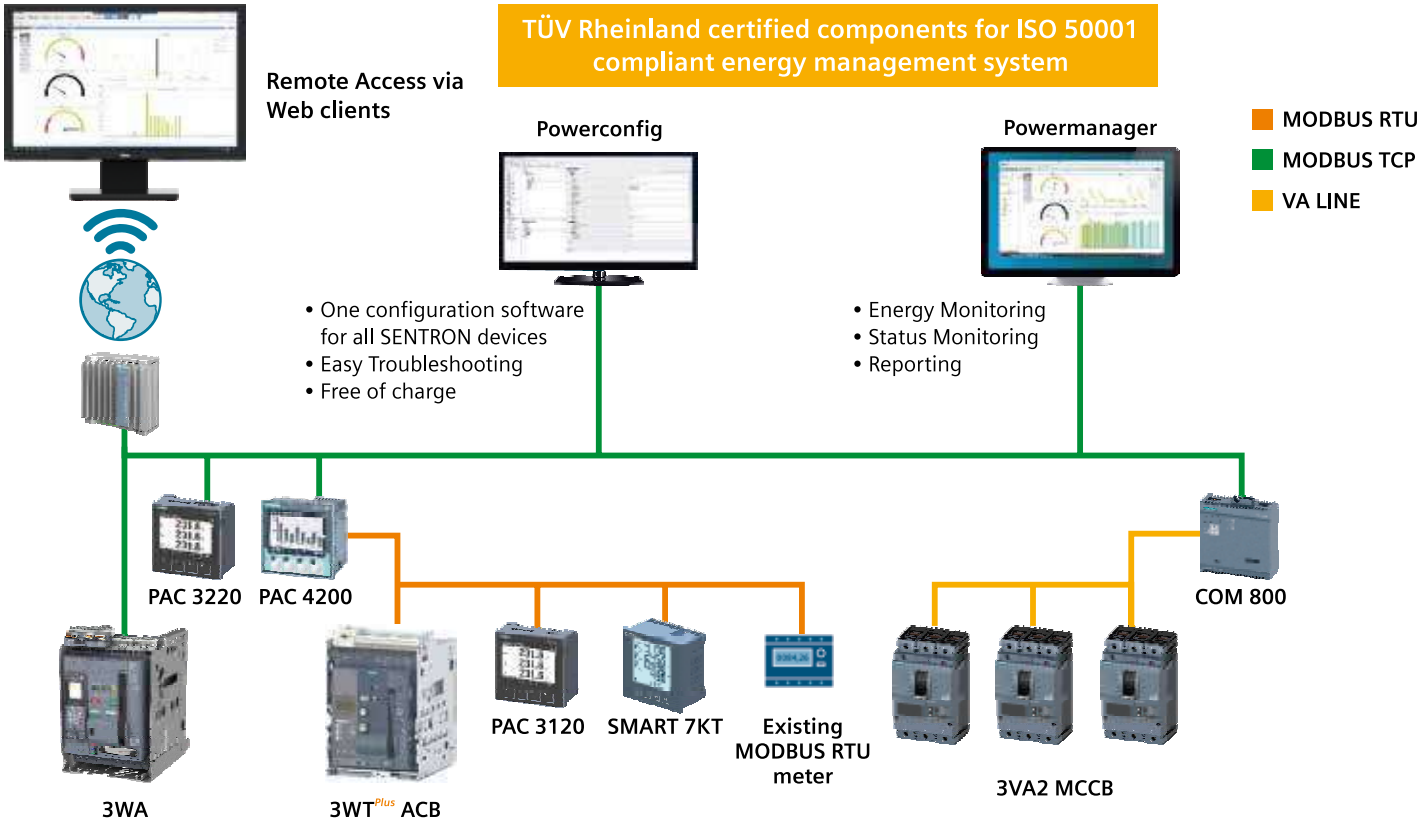
SENTRON Powercenter 3000

Gateway to the digitalization of low-voltage power distribution

Siemens/SENTRON-Digitalization

SIEMENS

Single Platform For Intelligent Power Distribution Management



Power Quality Measurement

SENTRON 7KM PAC 5200

- Measured value capture in accordance with power quality standard IEC 61000-4-30
- Recording of power quality anomalies like sag, swell and interruption
- Integrated web server to set parameters and display measured values on HTML pages

For more details, contact your nearest Siemens partner.

www.siemens.com/powermonitoring

DIN Rail Mounted Meters for energy monitoring in Infra and Building Applications

Description	Type	Unit LP* ₹
PAC 2200 DIN rail meter with integrated RS 485 port for MODBUS RTU 65A direct connection Class 1 accuracy	7KM2200-2EA40-1DA1	35530.-
PAC 2200 DIN rail meter with integrated ethernet port for MODBUS TCP 65A direct connection Class 1 accuracy	7KM2200-2EA40-1EA1	POR
PAC3200T DIN rail meter with integrated ethernet port for MODBUS TCP High accuracy of class 0.5 Without display	7KM3200-0CA01-1AA0	POR

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

PAC 2200 and PAC 3200T:

Reliable and Easy energy monitoring for DIN rail Applications

- Compact design on standard mounting rail
- Integrated digital input (DI) and Digital output (DO)
- Integrated web server
- Neutral conductor current display
- THD Measurement

SENTRON 7KT PAC 1600 DIN Rail mounted compact Energy Meters

- PAC 1600 range of single phase and three phase meters
- Space saving mounting by very slim construction
- Energy counters for active, reactive and apparent energy
- THD: Up to 15th harmonics

www.siemens.com/powermonitoring

7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

Current Sensors
- Versions: 40 A, 63 A

Sensor Bar
- Versions available for 3, 6, 9, 12

Data Manager
- Connection of up to 96 sensors (40A/63A)
- DIN rail installation (4MW)

Communication/ Software:
- Modbus TCP/ IP
- Simple system onfiguration via web server
- Easy access to energy data with mobile app (iOS/Android)

*For more details, please contact your nearest Siemens Sales Office

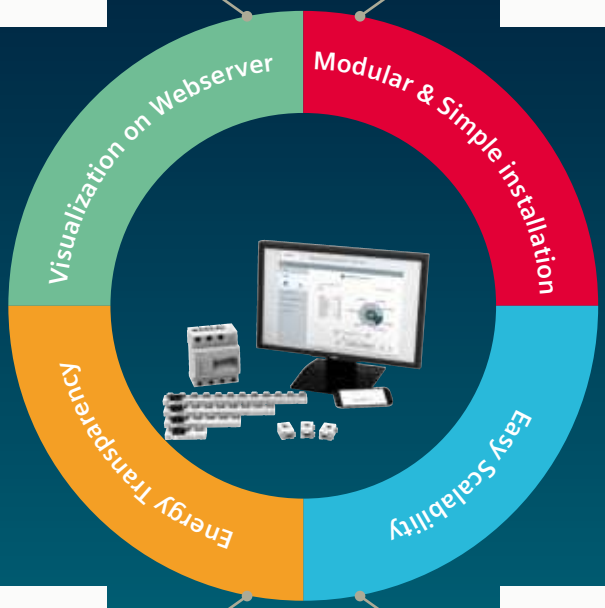
www.siemens.com/powermonitoring

SIEMENS

- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

fast

- Flexible sensor bars and current sensors to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring



plug and play

- Targeted detection of power guzzlers
- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

Flexible

- Easy to Upgrade
- Scale up the system without any interruption or cumbersome wiring

Easy

Transparent

Cost-efficient

siemens.com/powermonitoring

for more
info scan
QR code

SMART 7KT
Power Monitoring Devices

Expanding the reach of technology

SIEMENS

SMART 7KT

Power Monitoring Devices

NEW

SMART 7KT Discrete Panel Meter

Accurate and easy visualization for all the basic measurements

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Modern aesthetics with soft touch keys
- Large LED (multicolored) display for easy visualization

Description	Type	Unit LP ₹
VAF meter NEW	7KT0120	3840.-
VA meter NEW	7KT0110	3520.-
3 phase energy meter *	7KT0210	POR

*Please contact your nearest Siemens Sales office for more details.

SMART 7KT Multi Function Meter

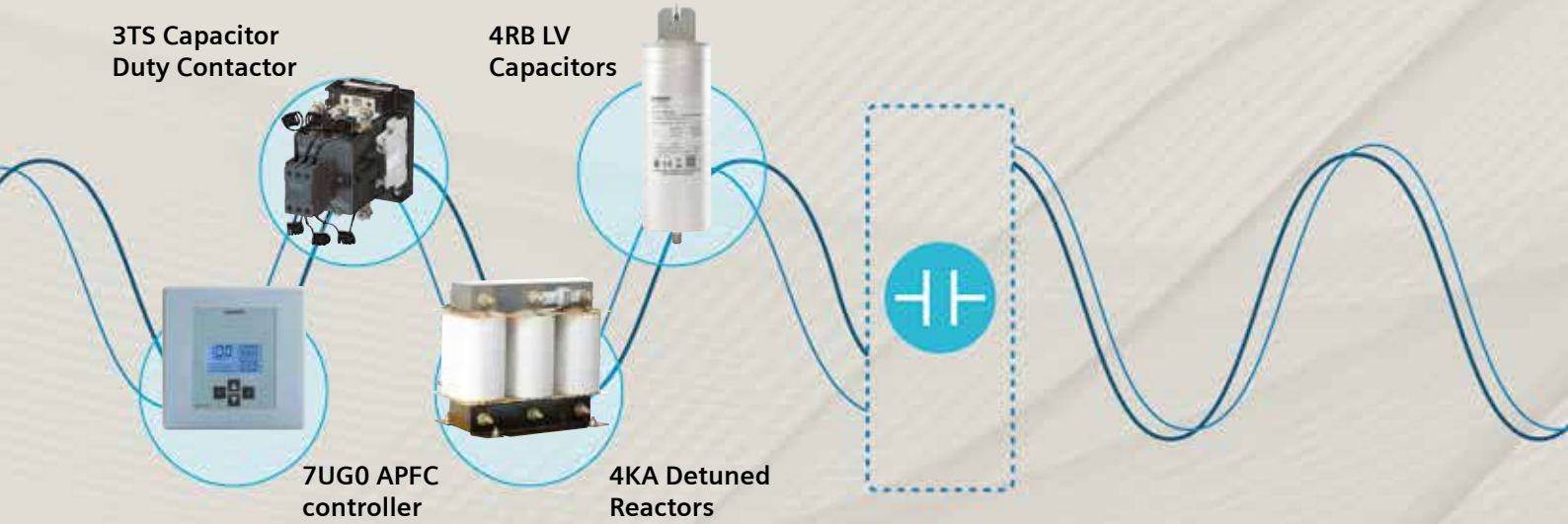
Broad range of uses in industry and infrastructure

- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Graphical representation of current loading in the LCD display meters
- Modern aesthetics with soft touch keys
- Integrated Modbus RTU communication over RS 485
- Measurement of 30+ electrical parameters

Description	Type	Unit LP ₹
LCD Class 0.5s NEW	7KT0311	19290.-
LCD Class 1	7KT0310	16120.-
Multi-line LED Class 1 NEW	7KT0308	12000.-
Single-line LED Class 1 NEW	7KT0307	8000.-

POR: Price On Request
Std. Pkg. = 1 unit
* LP - List Price

for more info
scan QR code



Power Quality Solutions

www.siemens.co.in

SIEMENS

SIECAP™ LV Power Capacitors

ND+ (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.I_N)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	2675.-	1
	6	4RB2060-3EE52-8K	2510.-	1
	7	4RB2070-3EE52-8K	2930.-	1
	7.5	4RB2075-3EE52-8K	3145.-	1
	8.3	4RB2083-3EE52-8K	3480.-	1
	9	4RB2090-3EE52-8K	3770.-	1
	10	4RB2100-3EE52-8K	4195.-	1
	12.5	4RB2125-3EE52-8K	4525.-	1
	15	4RB2150-3EE52-8K	5425.-	1
	16.7	4RB2167-3EE52-8K	6030.-	1
	20	4RB2200-3EE52-8K	7220.-	1
	20.8	4RB2208-3EE52-8K	7520.-	1
	25	4RB2250-3EE52-8K	9040.-	1
	28	4RB2280-3EE52-8K	10120.-	1
	30	4RB2300-3EE52-8K	10850.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2465.-	1
	5.5	4RB2055-3EJ52-8K	2725.-	1
	8.3	4RB2083-3EJ52-8K	3635.-	1
	10.4	4RB2104-3EJ52-8K	4555.-	1
	11.1	4RB2111-3EJ52-8K	4645.-	1
	12.5	4RB2125-3EJ52-8K	4765.-	1
	13.8	4RB2138-3EJ52-8K	5255.-	1
	15	4RB2150-3EJ52-8K	5710.-	1
	16.7	4RB2167-3EJ52-8K	6350.-	1
	20.8	4RB2208-3EJ52-8K	7920.-	1
	25	4RB2250-3EJ52-8K	9510.-	1
	27.7	4RB2277-3EJ52-8K	10540.-	1
	30	4RB2300-3EJ52-8K	11420.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.I_N)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	3280.-	1
	7.5	4RB2075-3EB53-8K	4360.-	1
	10.4	4RB2104-3EB53-8K	6050.-	1
	12.5	4RB2125-3EB53-8K	6565.-	1
	15	4RB2150-3EB53-8K	7880.-	1
	20	4RB2200-3EB53-8K	10505.-	1
	25	4RB2250-3EB53-8K	13130.-	1
440	5	4RB2050-3EE53-8K	3380.-	1
	7.5	4RB2075-3EE53-8K	4360.-	1
	10	4RB2100-3EE53-8K	5815.-	1
	12.5	4RB2125-3EE53-8K	6565.-	1
	15	4RB2150-3EE53-8K	7880.-	1
	20	4RB2200-3EE53-8K	10505.-	1
	25	4RB2250-3EE53-8K	13130.-	1
	28.1	4RB2281-3EE53-8K	14750.-	1
	30	4RB2300-3EE53-8K	15750.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	3380.-	1
	6.3	4RB2063-3EJ53-8K	3780.-	1
	8.3	4RB2083-3EJ53-8K	4980.-	1
	10.4	4RB2104-3EJ53-8K	5665.-	1
	11	4RB2110-3EJ53-8K	5990.-	1
	12.5	4RB2125-3EJ53-8K	6800.-	1
	13.8	4RB2138-3EJ53-8K	7510.-	1
	15	4RB2150-3EJ53-8K	8160.-	1
	16.7	4RB2167-3EJ53-8K	9080.-	1
	18.7	4RB2187-3EJ53-8K	10170.-	1
	20	4RB2200-3EJ53-8K	10885.-	1
	22	4RB2220-3EJ53-8K	11960.-	1
	25	4RB2250-3EJ53-8K	13590.-	1
	28.1	4RB2281-3EJ53-8K	15280.-	1
	30	4RB2300-3EJ53-8K	16310.-	1
525	5	4RB2050-3FC53-8K	3485.-	1
	6.3	4RB2063-3FC53-8K	3910.-	1
	8.3	4RB2083-3FC53-8K	5140.-	1
	10.4	4RB2104-3FC53-8K	5850.-	1
	12.5	4RB2125-3FC53-8K	7040.-	1
	13.2	4RB2132-3FC53-8K	7430.-	1
	15	4RB2150-3FC53-8K	8435.-	1
	16.7	4RB2167-3FC53-8K	9410.-	1
	20	4RB2200-3FC53-8K	11250.-	1
	25	4RB2250-3FC53-8K	14065.-	1
	26.5	4RB2265-3FC53-8K	14910.-	1
	30	4RB2300-3FC53-8K	16880.-	1
	33.1	4RB2331-3FC53-8K	18620.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.I_N)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	3740.-	1
	6.3	4RB1063-3EB50-8K	4180.-	1
	7.5	4RB1075-3EB50-8K	4975.-	1
	10.4	4RB1104-3EB50-8K	6905.-	1
	12.5	4RB1125-3EB50-8K	7495.-	1
	15	4RB1150-3EB50-8K	8995.-	1
	20	4RB1200-3EB50-8K	11995.-	1
	25	4RB1250-3EB50-8K	14995.-	1
	28.1	4RB1281-3EB50-8K	16840.-	1
	30	4RB1300-3EB50-8K	17990.-	1
	33	4RB1330-3EB50-8K	19790.-	1
440	5	4RB1050-3EE50-8K	3860.-	1
	7.5	4RB1075-3EE50-8K	4975.-	1
	10	4RB1100-3EE50-8K	6640.-	1
	10.4	4RB1104-3EE50-8K	6905.-	1
	12.5	4RB1125-3EE50-8K	7495.-	1
	15	4RB1150-3EE50-8K	8995.-	1
	16.7	4RB1167-3EE50-8K	10015.-	1
	20	4RB1200-3EE50-8K	11995.-	1
	25	4RB1250-3EE50-8K	14995.-	1
	28.1	4RB1281-3EE50-8K	16840.-	1
	30	4RB1300-3EE50-8K	17990.-	1
	33.1	4RB1331-3EE50-8K	19850.-	1
480	5	4RB1050-3EJ50-8K	3860.-	1
	6.3	4RB1063-3EJ50-8K	4315.-	1
	8.3	4RB1083-3EJ50-8K	5690.-	1
	10.4	4RB1104-3EJ50-8K	6460.-	1
	11	4RB1111-3EJ50-8K	6840.-	1
	12.5	4RB1125-3EJ50-8K	7765.-	1
	13.8	4RB1138-3EJ50-8K	8580.-	1
	15	4RB1150-3EJ50-8K	9320.-	1
	16.7	4RB1167-3EJ50-8K	10370.-	1
	18.7	4RB1187-3EJ50-8K	11615.-	1
	20	4RB1200-3EJ50-8K	12425.-	1
	22	4RB1220-3EJ50-8K	13660.-	1
	25	4RB1250-3EJ50-8K	15520.-	1
	28.1	4RB1281-3EJ50-8K	17450.-	1
	30	4RB1300-3EJ50-8K	18625.-	1
	31	4RB1310-3EJ50-8K	19255.-	1
	33	4RB1330-3EJ50-8K	20500.-	1

Std. Pkg. = 1 unit

* LP - List Price

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	3975.-	1
	6.3	4RB1063-3FC50-8K	4465.-	1
	8.3	4RB1083-3FC50-8K	5870.-	1
	10.4	4RB1104-3FC50-8K	6680.-	1
	12.5	4RB1125-3FC50-8K	8035.-	1
	13.2	4RB1132-3FC50-8K	8485.-	1
	15	4RB1150-3FC50-8K	9635.-	1
	16.7	4RB1167-3FC50-8K	10740.-	1
	20	4RB1200-3FC50-8K	12845.-	1
	25	4RB1250-3FC50-8K	16060.-	1
	26.5	4RB1265-3FC50-8K	17030.-	1
	30	4RB1300-3FC50-8K	19280.-	1
	33.1	4RB1331-3FC50-8K	21265.-	1
690	5.3	4RB1053-3GK50-8K	3515.-	1
	6.9	4RB1068-3GK50-8K	4590.-	1
	10.4	4RB1104-3GK50-8K	6905.-	1
	12.5	4RB1125-3GK50-8K	8305.-	1
	14.6	4RB1146-3GK50-8K	9695.-	1
	20	4RB1200-3GK50-8K	13280.-	1
	25	4RB1250-3GK50-8K	16600.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	**4KA1220-1AC01-0AA0**	**18150.-**
10kvar	5.67%	**4KA1220-3AC01-0AA0**	**21540.-**
12.5kvar	5.67%	**4KA1220-4AC01-0AA0**	**25210.-**
15kvar	5.67%	**4KA1220-5AC01-0AA0**	**27235.-**
20kvar	5.67%	**4KA1220-6AC01-0AA0**	**29130.-**
25kvar	5.67%	**4KA1220-7AC01-0AA0**	**31165.-**
5kvar	7%	**4KA1220-1AA01-0AA0**	**18140.-**
10kvar	7%	**4KA1220-3AA01-0AA0**	**24880.-**
12.5kvar	7%	**4KA1220-4AA01-0AA0**	**26860.-**
15kvar	7%	**4KA1220-5AA01-0AA0**	**31020.-**
20kvar	7%	**4KA1220-6AA01-0AA0**	**33045.-**
25kvar	7%	**4KA1220-7AA01-0AA0**	**34770.-**
50kvar	7%	**4KA1220-2BA01-0AA0**	**61950.-**
75kvar	7%	**4KA1220-3BA03-0AA0**	**86880.-**
100kvar	7%	**4KA1220-4BA03-0AA0**	**109350.-**
5kvar	14%	**4KA1220-1AB01-0AA0**	**23880.-**
12.5kvar	14%	**4KA1220-4AB01-0AA0**	**40075.-**
15kvar	14%	**4KA1220-5AB01-0AA0**	**46925.-**
20kvar	14%	**4KA1220-6AB01-0AA0**	**57100.-**
25kvar	14%	**4KA1220-7AB01-0AA0**	**64205.-**
50kvar	14%	**4KA1220-2BB01-0AA0**	**104260.-**
75kvar	14%	**4KA1220-3BB03-0AA0**	**133385.-**
100kvar	14%	**4KA1220-4BB03-0AA0**	**193935.-**

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	**4KA1420-1AC01-0AA0**	**13485.-**
10kvar	5.67%	**4KA1420-3AC01-0AA0**	**17195.-**
12.5kvar	5.67%	**4KA1420-4AC01-0AA0**	**18845.-**
15kvar	5.67%	**4KA1420-5AC01-0AA0**	**22285.-**
20kvar	5.67%	**4KA1420-6AC01-0AA0**	**25410.-**
25kvar	5.67%	**4KA1420-7AC01-0AA0**	**25730.-**
50kvar	5.67%	**4KA1420-2BC01-0AA0**	**46815.-**
5kvar	7%	**4KA1420-1AA01-0AA0**	**14355.-**
10kvar	7%	**4KA1420-3AA01-0AA0**	**18470.-**
12.5kvar	7%	**4KA1420-4AA01-0AA0**	**20425.-**
15kvar	7%	**4KA1420-5AA01-0AA0**	**23025.-**
20kvar	7%	**4KA1420-6AA01-0AA0**	**24520.-**
25kvar	7%	**4KA1420-7AA01-0AA0**	**26225.-**
50kvar	7%	**4KA1420-2BA01-0AA0**	**45090.-**
75kvar	7%	**4KA1420-3BA03-0AA0**	**61260.-**
100kvar	7%	**4KA1420-4BA03-0AA0**	**80115.-**
5kvar	14%	**4KA1420-1AB01-0AA0**	**19545.-**
10kvar	14%	**4KA1420-3AB01-0AA0**	**29315.-**
12.5kvar	14%	**4KA1420-4AB01-0AA0**	**31900.-**
15kvar	14%	**4KA1420-5AB01-0AA0**	**37765.-**
20kvar	14%	**4KA1420-6AB01-0AA0**	**41930.-**
25kvar	14%	**4KA1420-7AB01-0AA0**	**51160.-**
50kvar	14%	**4KA1420-2BB01-0AA0**	**90510.-**

3TS Capacitor duty Contactors

Now in TI - GREY NEW

The 3TS capacitor duty contactor (with **patented** de-latching technology) provides a reliable and economical solution for capacitor switching applications.

Features and Benefits

- **De-latching operating principle**
- SIGUT Termination technique
- Finger touch proof terminals
- Compact Dimensions
- DIN / Screw mounting
- Reliable switching of capacitor banks
- Ease of wiring (can obviate use of lugs)
- Operator Safety
- Space saving
- Flexible mounting

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
5 kvar NEW	1 NO	3TS2110-0A..5-8K†	2420.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	2660.-				
10 kvar NEW	–	3TS2200-0A..5-8K†	2890.-	1NO+1NC	3TS2211-0A..5-8K	3315.-	
12.5 kvar	–	3TS1200-0A..5-8K†	2960.-	1NO+1NC	3TS1211-0A..5-8K	3385.-	1
16 kvar	–	3TS1300-0A..5-8K†	4070.-	1NO+1NC	3TS1311-0A..5-8K	4490.-	1
20 kvar	–	3TS1400-0A..5-8K†	4585.-	1NO+1NC	3TS1411-0A..5-8K	4995.-	1
25 kvar	–	3TS1500-0A..5-8K†	5295.-	1NO+1NC	3TS1511-0A..5-8K	5725.-	1
30 kvar NEW	–	3TS2500-0A..5-8K†	8250.-	1NO+1NC	3TS2511-0A..5-8K	8675.-	1
40 kvar NEW	2 NO + 2 NC	3TS2722-0A..5-8K	14000.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	16390.-				

† Facility to add one contact block of 1NO / 1NC

@ AC 50Hz coil code - Please enter coil codes from table below

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	230.-	10
	1NC	■ 3TX4001-2A	230.-	10

3MT7 Capacitor Duty Contactors NEW

Capacitor kvar 440V AC, 3Ph, 50Hz	Built-in aux. contacts	Type	Unit LP ₹	Std. pkg. (nos.)
60kVAr	1NO+2NC	3MT70060JA126A..	17420.-	1
80kVAr	1NO+2NC	3MT70080JA126A..	21385.-	1
100kVAr	1NO+2NC	3MT70100JA126A..	22225.-	1

Please add coil code from adjacent table

Note: For SIRIUS 3RT26 Capacitor Duty Contactors - Please contact Siemens

Refer Page No 41 for Capacitor Duty Contactor Spares

Coil 50/60Hz for 60 kvar contactor					
Coil Code	C2	G2	N2	P2	R2
Voltage	24V AC	110V AC	■ 220V AC	■ 240V AC	415V AC

Coil 50Hz for 80 & 100 kvar contactors				
Coil Code	F0	M0	U0	V0
Voltage	110V AC	■ 220V AC	■ 240V AC	415V AC

Automatic Power Factor Correction Relay (APFC relay)

Features

- Easy accessibility of parameters
- Universal control supply–optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant

for more info scan QR code

7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	22235.-	1
	12 Stage with LCD display	7UG0572-1GT20	23815.-	1
	12 stage with LED display	7UG0572-1GT21	13620.-	1

Siemens Reyrolle Protection Relays

Relays for every application

Applications

- Feeder Protection
- Motor Protection
- Transformer Protection

Features

- Non Drawout / Drawout variants
- Programmable Tri-color LED's
- Communication: MODBUS RTU / IEC 103 and optional IEC 61850
- 1000 events / 10 disturbance records
- Programmable logic editor
- Easy Parameterization & Monitoring with ReyDisp Software

www.siemens.com/Reyrolle

SIEMENS

Portfolio Overview

Feeder Protection

Fixed

Non-Directional

7SR1002 / 3

Directional

7SR1004

Drawout

Non-Directional

7SR11

Directional

7SR12

Motor Protection

Non-Directional | Fixed

7SR105

Directional | Drawout

7SR17

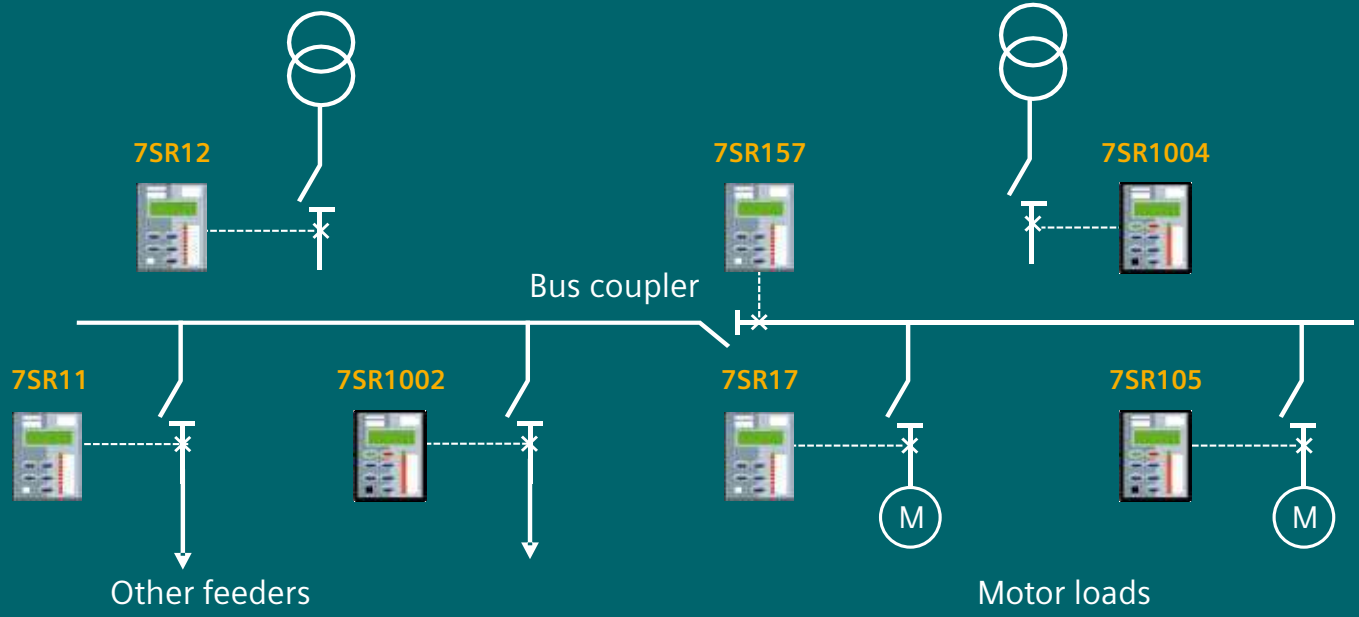
Transformer Protection

Directional | Drawout

7SR242

Check synchronizing

7SR157



Incomers: 7SR1004 / 7SR12 – Directional overcurrent / Restricted Earth fault & Voltage based protections
Outgoing feeders: 7SR1002 / 1003 / 7SR11 – Overcurrent & Earth fault protection
Motor feeders: 7SR105 (For standard applications) 7SR17 – (Additional Voltage protections & Directional O/C)
Bus couplers: 7SR157 – For synchronizing applications

7SR Numerical Relays

		Description	Type *	Unit LP ₹
Feeder Protection		**Non Drawout | Non Directional** overcurrent relay | 6 BI 6 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 60 to 240V AC/DC | **BI Threshold:** 44V AC/DC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 46BC, 46NPS, 49, 50, 51, 50G/N, 51G/N, 50/51 SEF, 74T/CCS, 81THD, 86**	7SR1003-1LA20-2CA0	82290.-
		Non Drawout | Directional overcurrent relay | 9 BI 6 BOs | **Measuring current input:** 1/5A with SEF input | **Auxiliary voltage:** 60 to 240V AC/DC | **BI Threshold:** 88V AC/DC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 27/59, 32, 32S, 37, 46BC, 46NPS, 47NPS, 49, 50BF, 51V, 55, 59N, 60CTS, 60VTS, 64H, 67/50, 50SEF, 51G/N, 51SEF, 74T/CCS, 81U/O**	7SR1004-4KA20-2CA0	142575.-
		Drawout | Non Directional overcurrent relay | 6 BI 8 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 46BC, 46NPS, 49, 50, 50AFD, 50BF, 51, 50G/N, 51G/N, 64H, 74T/CCS, 86**	7SR1103-1MA12-1CA0	138930.-
		Drawout | Directional overcurrent relay | 6 BI 8 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 27, 59, 32, 32S, 37, 46BC, 46NPS, 47, 49, 50, 50AFD, 50BF, 51, 50N, 51N, 51V, 55, 59N, 60CTS, 64H, 67, 74T/CCS, 81U/O, 86**	7SR1206-2MA12-1CA0	154970.-
Motor Protection		**Non Drawout | Motor Protection Relay** | 6 BI 6 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 60 to 240V AC/DC | **BI Threshold:** 44V AC/DC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50/51, 50G/N, 51G/N, 50BCL, 50BF, 74T/CCS, 81B**	7SR1053-2LA21-2EA0	119445.-
		Drawout | Motor Protection Relay | 3 BI 5 BOs | **Measuring current input:** 1/5A with SEF input | **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50, 51, 50G/N, 51G/N, 50BF, 50BCL, 60CTS, 74T/CCS, 81B**	7SR1702-3MA12-1CA0	184345.-
		Drawout | Motor Protection Relay | 6 BI 8 BOs 4CT 3VT | **Measuring current input:** 1/5A with SEF input | **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50, 51, 50G/N, 51G/N, 50BF, 50BCL, 60CTS, 74T/CCS, 81B, 27/59, 32/55, 47, 60CTS, 60VTS, 67/50, 67/51, 67G/N, 81**	7SR1706-4MA12-1CA0	196640.-
Transformer Protection		**Drawout | Transfromer Protection Relay** | 9 BI 6 BOs 8CT 1VT | **Measuring current input:** 1/5A| **Auxiliary voltage:** 100 to 230V AC/24 -250VDC | **BI Threshold:** 19VDC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 81HBL2, 81HBL5, 87BD, 87HS, 49, 50, 51, 50G/N, 51G/N, 50BF, 64H, 74TCS/CCS, 37/37G, 46BC, 46NPS**	7SR2422-2MA12-0BA0	410380.-

*** For more options on control voltage, BI/BOs, Communication protocols or protection functions please contact your nearest Siemens Sales Office**

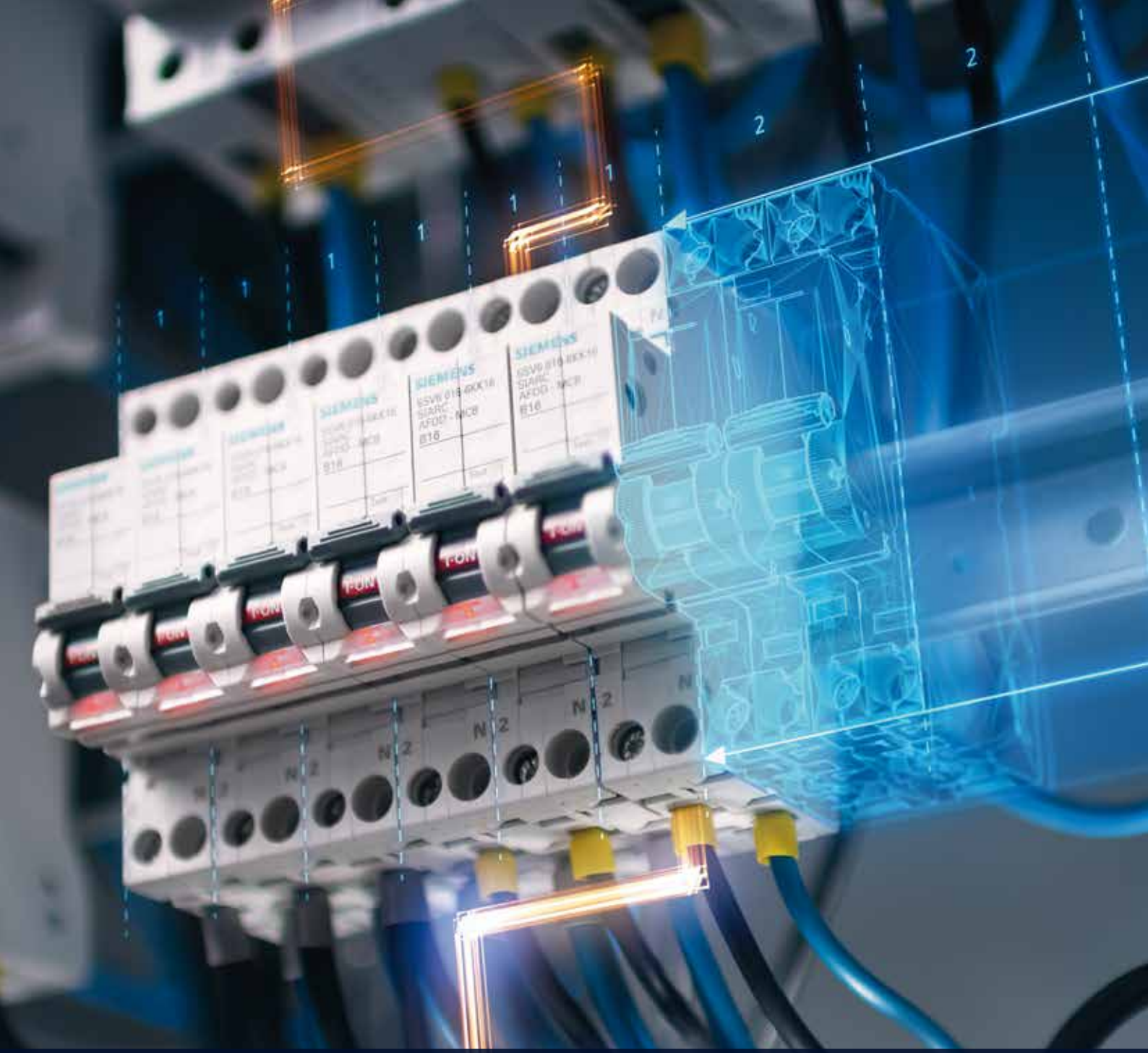
7PJ Auxiliary & Trip Relays

		Description	Type	Unit LP ₹
Aux Relays		Auxiliary relay Single Element with self reset contacts with flag, 110V DC, 3NO+2CO, Low burden	7PJ1111-6DA20-0AA0	10565.-
		Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	10565.-
		Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	10565.-
		Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	10565.-
		Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	21220.-
		Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	21220.-
Trip Relays		Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	10565.-
		Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	10565.-
		TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	19380.-

7XJ Arc Protection systems

For more information on Siemens Numerical Relays

* LP - List Price Std Pkg = 1unit



Reliable protection by preventing electrical fires

With Arc Fault Detection Device

With the 5SV6 Arc Fault Detection Device (AFDD), Siemens presents the third generation of fire-prevention product. The 5SV6 Arc Fault Detection Device with integrated miniature circuit breaker (MCB) and residual current breaker operator (RCBO) is the first device on the IEC market with just one module width and is the smallest of its kind worldwide.

A standard-compliant expansion of the electrical installation by protection against electrical fires is thus always possible – easily and without the need for additional space.

www.siemens.com/AFDD

Betagard Miniature Circuit Breakers Type 5SL6 and 5SL4

IS/IEC 60898 - 1

CM/L No. 2255548

- Standards: IS/IEC 60898-1:2002
- Voltage: Un 240/415V, 50...60Hz can be used in systems upto 60V DC for 1P and 110V DC for 2P &
- With ISI marking: CM/L No. 2255548

	I_n A	MW#	7500A		10000A	Std. Pkg. (Nos.)
			Characteristic B	Characteristic C		
1P, 240/415 V AC	0.5	1	--	5SL61057RC	5SL41057RC	1/12
	1		--	5SL61017RC	--	1/12
	2		--	5SL61027RC	5SL41027RC	1/12
	3		--	5SL61037RC	5SL41037RC	1/12
	4		--	5SL61047RC	5SL41047RC	1/12
	6		5SL61066RC	5SL61067RC	5SL41067RC	1/12
	8		--	5SL61087RC	5SL41087RC	1/12
	10		5SL61106RC	5SL61107RC	5SL41107RC	1/12
	13		--	5SL61137RC	5SL41137RC	1/12
	16		5SL61166RC	5SL61167RC	5SL41167RC	1/12
	20		5SL61206RC	5SL61207RC	5SL41207RC	1/12
	25		5SL61256RC	5SL61257RC	5SL41257RC	1/12
	32		5SL61326RC	5SL61327RC	5SL41327RC	1/12
	40		5SL61406RC	5SL61407RC	5SL41407RC	1/12
	50		5SL61506RC	5SL61507RC	5SL41507RC	1/12
	63		5SL61636RC	5SL61637RC	5SL41637RC	1/12
2P, 415 V AC	0.5	2	--	5SL62057RC	5SL42057RC	1/6
	1		--	5SL62017RC	--	1/6
	2		--	5SL62027RC	5SL42027RC	1/6
	3		--	5SL62037RC	5SL42037RC	1/6
	4		--	5SL62047RC	5SL42047RC	1/6
	6		5SL62066RC	5SL62067RC	5SL42067RC	1/6
	8		--	5SL62087RC	5SL42087RC	1/6
	10		5SL62106RC	5SL62107RC	5SL42107RC	1/6
	13		--	5SL62137RC	5SL42137RC	1/6
	16		5SL62166RC	5SL62167RC	5SL42167RC	1/6
	20		5SL62206RC	5SL62207RC	5SL42207RC	1/6
	25		5SL62256RC	5SL62257RC	5SL42257RC	1/6
	32		5SL62326RC	5SL62327RC	5SL42327RC	1/6
	40		5SL62406RC	5SL62407RC	5SL42407RC	1/6
	50		5SL62506RC	5SL62507RC	5SL42507RC	1/6
	63		5SL62636RC	5SL62637RC	5SL42637RC	1/6
3P, 415 V AC	0.5	3	--	5SL63057RC	5SL43057RC	1/4
	1		--	5SL63017RC	--	1/4
	2		--	5SL63027RC	5SL43027RC	1/4
	3		--	--	5SL43037RC	1/4
	4		--	5SL63047RC	5SL43047RC	1/4
	6		5SL63066RC	5SL63067RC	5SL43067RC	1/4
	8		--	--	5SL43087RC	1/4
	10		5SL63106RC	5SL63107RC	5SL43107RC	1/4
	13		--	--	5SL43137RC	1/4
	16		5SL63166RC	5SL63167RC	5SL43167RC	1/4
	20		5SL63206RC	5SL63207RC	5SL43207RC	1/4
	25		5SL63256RC	5SL63257RC	5SL43257RC	1/4
	32		5SL63326RC	5SL63327RC	5SL43327RC	1/4
	40		5SL63406RC	5SL63407RC	5SL43407RC	1/4
	50		5SL63506RC	5SL63507RC	5SL43507RC	1/4
	63		5SL63636RC	5SL63637RC	5SL43637RC	1/4
4P, 415 V AC	0.5	4	--	5SL64057RC	5SL44057RC	1/3
	1		--	5SL64017RC	--	1/3
	2		--	5SL64027RC	5SL44027RC	1/3
	3		--	--	5SL44037RC	1/3
	4		--	5SL64047RC	5SL44047RC	1/3
	6		5SL64066RC	5SL64067RC	5SL44067RC	1/3
	8		--	--	5SL44087RC	1/3
	10		5SL64106RC	5SL64107RC	5SL44107RC	1/3
	13		--	--	5SL44137RC	1/3
	16		5SL64166RC	5SL64167RC	5SL44167RC	1/3
	20		5SL64206RC	5SL64207RC	5SL44207RC	1/3
	25		5SL64256RC	5SL64257RC	5SL44257RC	1/3
	32		5SL64326RC	5SL64327RC	5SL44327RC	1/3
	40		5SL64406RC	5SL64407RC	5SL44407RC	1/3
	50		5SL64506RC	5SL64507RC	5SL44507RC	1/3
	63		5SL64636RC	5SL64637RC	5SL44637RC	1/3

1 MW (Module Width) = 18 mm

& subject to application specific circuit connections. Please contact your nearest Siemens Sales Office.

Refer latest Electrical Installations from A to Z Price List for prices

Betagard Circuit Breakers

5SL7 Miniature circuit breaker
- Standards: IS/IEC 60898-1
- Voltage: Un 240/415V, 50...60Hz
- Breaking capacity: upto 15kA
- With ISI marking: CM/L No. 2255548

IS/IEC 60898 - 1

CM/L No. 2255548

5SL5 Circuit Breakers
- Standards: IS/IEC 60947-2
- Voltage: 220V DC/1P & 440VDC/2P
- Breaking capacity: 10kA as per IS/IEC 60947-2

	Rated current I_n (A)	MW#				10000A		Std. Pkg. (Nos)
				Characteristic C	Characteristic D		Characterestic C, DC	
	0.5	1	1P, 240/415V AC	5SL71057RC	5SL71058RC	1P, 220V DC	5SL51057RC	1/12
	1			5SL71017RC	5SL71018RC		5SL51017RC	1/12
	2			5SL71027RC	5SL71028RC		5SL51027RC	1/12
	3			--	--		5SL51037RC	1/12
	4			5SL71047RC	5SL71048RC		5SL51047RC	1/12
	6			5SL71067RC	5SL71068RC		5SL51067RC	1/12
	8			--	--		5SL51087RC	1/12
	10			5SL71107RC	5SL71108RC		5SL51107RC	1/12
	16			5SL71167RC	5SL71168RC		5SL51167RC	1/12
	20			5SL71207RC	5SL71208RC		5SL51207RC	1/12
	25			5SL71257RC	5SL71258RC		5SL51257RC	1/12
	32			5SL71327RC	5SL71328RC		5SL51327RC	1/12
	40			5SL71407RC	5SL71408RC		5SL51407RC	1/12
	50			5SL71507RC	5SL71508RC		5SL51507RC	1/12
	63			5SL71637RC	5SL71638RC		5SL51637RC	1/12
	0.5	2	2P, 415V AC	5SL72057RC	5SL72058RC	2P, 440V DC	5SL52057RC	1/6
	1			5SL72017RC	5SL72018RC		5SL52017RC	1/6
	2			5SL72027RC	5SL72028RC		5SL52027RC	1/6
	3			--	--		5SL52037RC	1/6
	4			5SL72047RC	5SL72048RC		5SL52047RC	1/6
	6			5SL72067RC	5SL72068RC		5SL52067RC	1/6
	8			--	--		5SL52087RC	1/6
	10			5SL72107RC	5SL72108RC		5SL52107RC	1/6
	16			5SL72167RC	5SL72168RC		5SL52167RC	1/6
	20			5SL72207RC	5SL72208RC		5SL52207RC	1/6
	25			5SL72257RC	5SL72258RC		5SL52257RC	1/6
	32			5SL72327RC	5SL72328RC		5SL52327RC	1/6
	40			5SL72407RC	5SL72408RC		5SL52407RC	1/6
	50			5SL72507RC	5SL72508RC		5SL52507RC	1/6
	63			5SL72637RC	5SL72638RC		5SL52637RC	1/6
	0.5	3	3P, 415V AC	5SL73057RC	5SL73058RC	--	--	1/4
	1			5SL73017RC	5SL73018RC		--	1/4
	2			5SL73027RC	5SL73028RC		--	1/4
	4			5SL73047RC	5SL73048RC		--	1/4
	6			5SL73067RC	5SL73068RC		--	1/4
	10			5SL73107RC	5SL73108RC		--	1/4
	16			5SL73167RC	5SL73168RC		--	1/4
	20			5SL73207RC	5SL73208RC		--	1/4
	25			5SL73257RC	5SL73258RC		--	1/4
	32			5SL73327RC	5SL73328RC		--	1/4
	40			5SL73407RC	5SL73408RC		--	1/4
	50			5SL73507RC	5SL73508RC		--	1/4
	63			5SL73637RC	5SL73638RC		--	1/4
	0.5	4	4P, 415V AC	5SL74057RC	5SL74058RC	--	--	1/3
	1			5SL74017RC	5SL74018RC		--	1/3
	2			5SL74027RC	5SL74028RC		--	1/3
	4			5SL74047RC	5SL74048RC		--	1/3
	6			5SL74067RC	5SL74068RC		--	1/3
	10			5SL74107RC	5SL74108RC		--	1/3
	16			5SL74167RC	5SL74168RC		--	1/3
	20			5SL74207RC	5SL74208RC		--	1/3
	25			5SL74257RC	5SL74258RC		--	1/3
	32			5SL74327RC	5SL74328RC		--	1/3
	40			5SL74407RC	5SL74408RC		--	1/3
	50			5SL74507RC	5SL74508RC		--	1/3
	63			5SL74637RC	5SL74638RC		--	1/3

1 MW (Module Width) = 18 mm

Refer latest Electrical Installations from A to Z Price List for prices

Geared to act FAST!

Siemens range of fuses

Fuses are the fastest & simplest current limiting devices, suitable for protection of lines, systems, devices in both distribution & control circuits.

Available in varied design - with a wide current range, multiple voltage ratings and high short circuit strength. Our fuses are perfectly equipped to minimize the effect of over currents, thus allowing you to protect property as well as lives.

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

HRC fuses (DIN) 3NA

- High Breaking capacity of 120kA
- Dual indication for fault detection
- CE marked
- Highly compact: upto 100A in size 000

Upto 800A, 500V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	470.-	1/6
	4	3NA78040RC	470.-	1/6
	6	3NA78010RC	470.-	1/6
	10	3NA78030RC	470.-	1/6
	16	3NA78050RC	475.-	1/6
	20	3NA78070RC	475.-	1/6
	25	3NA78100RC	475.-	1/6
	32	3NA78120RC	475.-	1/6
	40	3NA78170RC	500.-	1/6
	50	3NA78200RC	500.-	1/6
	63	3NA78220RC	555.-	1/6
	80	3NA78240RC	605.-	1/6
	100	3NA78300RC	605.-	1/6
00	125	3NA78320RC	730.-	1/6
	160	3NA78360RC	770.-	1/6
1	50	3NA71200RC	1035.-	1/3
	63	3NA71220RC	1035.-	1/3
	80	3NA71240RC	1035.-	1/3
	100	3NA71300RC	1035.-	1/3
	125	3NA71320RC	1080.-	1/3
	160	3NA71360RC	1115.-	1/3
	200	3NA71400RC	1115.-	1/3
	224	3NA71420RC	1155.-	1/3
	250	3NA71440RC	1250.-	1/3
2	200	3NA72400RC	1540.-	1/3
	250	3NA72440RC	1600.-	1/3
	315	3NA72520RC	1655.-	1/3
	400*	3NA72600RC	1655.-	1/3
3	315	3NA33520RC	2355.-	1/3
	400	3NA33600RC	2355.-	1/3
	500	3NA33650RC	2635.-	1/3
	630	3NA33720RC	2695.-	1/3
	800*	3NA33754RC	3280.-	1/3

* 400A (Size II) and 800A are rated at 415V AC

690V AC, S.C. breaking capacity 120kA

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	40	3NA78176RC	680.-	1/6
	50	3NA78206RC	680.-	1/6
	63	3NA78226RC	730.-	1/6
	80	3NA78246RC	770.-	1/6
	100	3NA78306RC	770.-	1/6
1	125	3NA71326RC	1330.-	1/3
	160	3NA71366RC	1380.-	1/3
	200	3NA71406RC	1380.-	1/3
2	250	3NA72446RC	1825.-	1/3
	315	3NA72526RC	1960.-	1/3
3	400	3NA33606RC	2925.-	1/3
	425	3NA33626RC	2925.-	1/3
	500	3NA33656RC	3125.-	1/3

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	525.-	1
1	250	■ 3NG1250	790.-	1
2	400	■ 3NG1300	1290.-	1
3	630	■ 3NG1400	1335.-	1

Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-0RC (Screw-in)	640.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	680.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	1280.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	1810.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	2610.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	3090.-	1/5

Fuse puller

Description	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	3130.-	1
Suitable only for fuse links and isolating links	3NX1010	1305.-	1

LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	700.-	1/10
00/000	3NX3116	435.-	1/10

Note: Prices on request for Touch protection of contact pieces of all sizes

Fuse & Fuse base for 1000A/1250A (IEC design)

Size	Rating	Type	Unit LP* ₹	Std. pkg.** (nos.)
4	1000A	3NA3480	POR	1/ 1
4	1250A	3NA3482		1/ 1
4	1250A	3NH3530 Fuse base		1/ 1

690V AC, S.C. breaking capacity 120kA

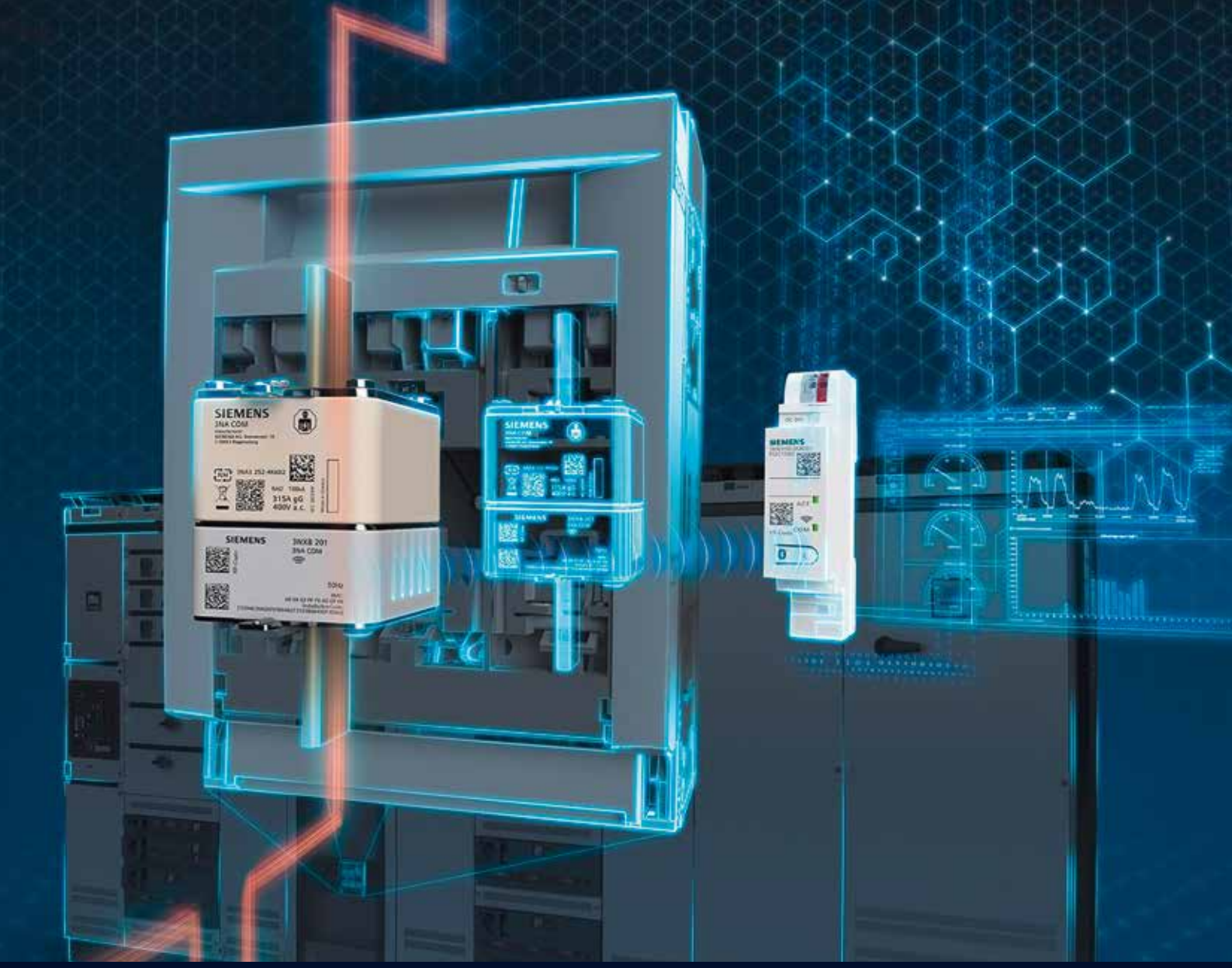
Size	Rated current (A)	Type	Unit LP*₹
000	2A	3NA78026	POR
	4A	3NA78046	
	6A	3NA78016	
	10A	3NA78036	
	16A	3NA78056	
	20A	3NA78076	
	25A	3NA78106	
	32A	3NA78126	
	35A	3NA78146	

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

POR: Price On Request

■ **Stock items** * LP - List Price @ MRP - Max. Retail Price

Fuses



SENTRON 3NA COM LV HRC fuse link – safety through transparency

Optimize the operation of your plants with consistent data that's constantly available when and where you need it – whether in the cloud using higher-level analysis tools, via a PC using the SENTRON power manager power monitoring software, or directly at the plant via a mobile device using the SENTRON power config mobile app.

In the event of a fault, detecting and locating power failures are time-consuming and costly. Smart local grids are only as smart as their individual components.The measurement and communication-capable 3NA COM LV HRC fuse link makes transformer substations smart and enables them to be integrated in digital systems.

Communication Capable Fuse Link offers:

- Transparency for the local grid transformer station
- Easy retrofit
- Powerful interface for digitalization
- Sustainable and robust design

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

HRC fuses (BS) 3NW

- 2A-800A
- Rated at 415V AC/240V DC
- Breaking capacity 80kA (AC)

Blade tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWNS2	125.-	20
4	■ 3NWNS4	125.-	20
6	■ 3NWNS6	125.-	20
10	■ 3NWNS10	125.-	20
16	■ 3NWNS16	125.-	20
20	■ 3NWNS20	150.-	20
25	■ 3NWNS25	150.-	20
32	3NWNS32	150.-	20

Offset tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	180.-	20
4	3NWTIA4	180.-	20
6	3NWTIA6	180.-	20
10	■ 3NWTIA10	200.-	20
16	■ 3NWTIA16	200.-	20
20	■ 3NWTIA20	200.-	20
25	■ 3NWTIA25	200.-	20
32	■ 3NWTIA32	200.-	20
40	3NWTIS40	275.-	20
50	■ 3NWTIS50	275.-	20
63	■ 3NWTIS63	275.-	20
80	3NWTCP80	715.-	10
100	■ 3NWTCP100	715.-	10
125	3NWTFP125	1450.-	5
160	3NWTFP160	1450.-	5
200	3NWTFP200	1450.-	5

Central tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTC80	765.-	10
100	3NWTC100	765.-	10
125	3NWTF125	1585.-	5
160	3NWTF160	1585.-	5
200	3NWTF200	1585.-	5
250	3NWTKF250	2185.-	1
315	3NWTKF315	2185.-	1
355	3NWTMF355	2545.-	1
400	3NWTMF400	2545.-	1
500	3NWTTM500	4010.-	1
630	3NWTTM630	4880.-	1
710	3NWTLM710	5575.-	1
800	3NWTLM800	5575.-	1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* MRP - Maximum Retail Price

Offset tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	150.-	20
10	3NWTSA10	150.-	20
16	3NWTSA16	150.-	20
20	3NWTSA20	150.-	20
25	3NWTSA25	150.-	20
32	3NWTSA32	150.-	20
36	3NWTSS36	300.-	20
40	3NWTSS40	300.-	20
50	3NWTSS50	300.-	20
63	3NWTSS63	300.-	20
80	3NWTSDS80	565.-	20
100	3NWTSDS100	565.-	20
125	3NWTSFP125	710.-	5
160	3NWTSFP160	770.-	5
200	3NWTSFP200	710.-	5

Central tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	680.-	10
100	3NWTSDC100	680.-	10
125	3NWTSF125	715.-	5
160	3NWTSF160	715.-	5
200	3NWTSF200	715.-	5
250	3NWTSK250	1715.-	1
315	3NWTSK315	1715.-	1
355	3NWTSMS355	2860.-	1
400	3NWTSMS400	2860.-	1
450	3NWTSTS450	2375.-	1
500	3NWTSTS500	2375.-	1
560	3NWTSLS560	4535.-	1
630	3NWTSLS630	3840.-	1
800	3NWTSLS800	5545.-	1

Fuse holders (for fuses type 3NW TIA, TSA, TIS, TSS, TSDS)

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWCM32F9	2750.-	10
63	3NWCM63F9	3230.-	10
100	3NWCM100F9	3560.-	10

Fuse holders (for fuses Type 3NW NS) & Isolating link

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	295.-	10
32	■ 3NW32NNSF	370.-	10
32A (Iso. Link)	■ 3NW32NNSL	160.-	10

Please order in multiples of standard packing.

Fuses for semiconductor protection - SITOR 3NE / 3NC

- Current Range upto 2400A
- Operating voltage: 500V - 2500V AC
- Suitable for mounting in fuse base / SDF / busbars

3NE4 type

Rated voltage V	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
1000	32	■ 3NE4101	gR	1	3140.-	1
	40	■ 3NE4102	gR	1	3150.-	1
	50	■ 3NE4117	gR	1	3310.-	1
	80	■ 3NE4120	aR	1	3575.-	1
	100	■ 3NE4121	aR	1	3920.-	1
	125	■ 3NE4122	aR	1	4210.-	1
	160	■ 3NE4124	aR	1	4635.-	1

Rated voltage V	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	■ 3NE43276	aR	–	8345.-	1
	315	■ 3NE43306	aR	–	8615.-	1
	450	■ 3NE43336	aR	–	9005.-	1
	500	■ 3NE43346	aR	–	9080.-	1
	710	■ 3NE43376	aR	–	10155.-	1

3NE8 type[1)] 690 V AC

NEW

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	6660.-	3
35	3NE80031	gR	00	6660.-	3
50	3NE80171	gR	00	6660.-	3
63	3NE80181	gR	00	6660.-	3
80	3NE80201	aR	00	7390.-	3
100	3NE80211	aR	00	7735.-	3
125	3NE80221	aR	00	7850.-	3
160	3NE80241	aR	00	8615.-	3
200	3NE12252	gR	1	21795.-	3
250	3NE12272	gR	1	22535.-	3
315	3NE12302	gR	1	23310.-	3
350	3NE13312	gR	2	30850.-	3
400	3NE13322	gR	2	39620.-	3
450	3NE13332	gR	2	33150.-	3
500	3NE13342	gR	2	34455.-	3
560	3NE14352	gR	3	42810.-	3
630	3NE14362	gR	3	44415.-	3
670	3NE14472	gR	3	45390.-	3
710	3NE14372	gR	3	47330.-	3
800	3NE14382	gR	3	50865.-	3
850	3NE14482	gR	3	55365.-	3

Note: For current ratings > 1600A ,Operating voltage > 2000V AC please contact your nearest Siemens Sales Office.

[1)] Suitable for mounting on fuse base / 3KL8 / 3NP1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

■ **Stock items**

* LP - List Price

Please order in multiples of standard packing.

3NE9 type 600 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
850	3NE94406	gR	–	37180.-	3
1250	3NE9450	aR	–	35040.-	3

3NE1 type[1)] 690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	7850.-	3
20	3NE18140	gS	000	7850.-	3
25	3NE18150	gS	000	7850.-	3
35	3NE18030	gS	000	7850.-	3
40	3NE18020	gS	000	7850.-	3
50	3NE18170	gS	000	7850.-	3
63	3NE18180	gS	000	7850.-	3
80	3NE18200	gS	000	7850.-	3
100	3NE10210	gS	00	10135.-	3
125	3NE10220	gS	00	10135.-	3
160	3NE12240	gS	1	23955.-	3
200	3NE12250	gS	1	23955.-	3
250	3NE12270	gS	1	25155.-	3
315	3NE12300	gS	1	26975.-	3
350	3NE13310	gS	2	33495.-	3
400	3NE13320	gS	2	33785.-	3
450	3NE13330	gS	2	33995.-	3
500	3NE13340	gS	2	34505.-	3
560	3NE14350	gS	3	34695.-	3
630	3NE14360	gS	3	36195.-	3
710	3NE14370	gS	3	38625.-	3
800	3NE14380	gS	3	44105.-	3

3NE8 type 690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	POR	10
25	3NE87151	gR	000		10
32	3NE87011	gR	000		10
40	3NE87021	gR	000		10
50	3NE87171	gR	000		10
63	3NE87181	aR	000		10
80	3NE87201	aR	000		10
100	3NE87211	aR	000		10
125	3NE87221	aR	000		10
160	3NE87241	aR	000		10
200	3NE87251	aR	000		10
250	3NE87271	aR	000		10
315	3NE87311	aR	000		10

Fuses for semiconductor protection - SITOR 3NE / 3NC

3NE3 type
1000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
100	3NE3221	aR	1	17840.-	3
125	3NE3222	aR	1	18355.-	3
160	3NE3224	aR	1	18355.-	3
200	3NE3225	aR	1	20200.-	3
250	3NE3227	aR	1	20735.-	3
315	3NE32300B	aR	1	21590.-	3
350	3NE3231	aR	1	25630.-	3
400	3NE32320B	aR	1	27455.-	3
450	3NE3233	aR	1	28435.-	3
400	3NE33320B	aR	2	27720.-	3
450	3NE3333	aR	2	29190.-	3
500	3NE33340B	aR	2	29740.-	3
560	3NE3335	aR	2	30860.-	3
630	3NE3336	aR	2	32330.-	3
710^	3NE33378	aR	2	44275.-	3
800^	3NE33388	aR	2	45500.-	3
900^	3NE33408	aR	2	54200.-	3

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
630	3NC33361U	aR	3	POR	1/3
710	3NC33371U	aR	3		1/3
800	3NC33381U	aR	3		1/3
900	3NC33401U	aR	3		1/3
1000	3NC33411U	aR	3		1/3
1100	3NC33421U	aR	3		1/3
1250	3NC33431U	aR	3		1/3

^ 710A: 900V AC; 800A: 800V AC; 900A: 690V AC

3NC type
690V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
150	3NC84233C	gR	3	41025.-	3
200	3NC84253C	gR	3	28620.-	3
250	3NC84273C	gR	3	32730.-	3
350	3NC84313C	gR	3	33745.-	3
500	3NC84343C	gR	3	36465.-	3
1000#	3NC84443C	aR	3	66265.-	3

1000A, 600V AC

3NE5 type
1500 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
160	3NE54240C	aR	3	52385.-	2
224	3NE54260C	aR	3	57310.-	2
250	3NE56270C	aR	3	53165.-	3
315	3NE54300C	aR	3	54745.-	2
350	3NE54310C	aR	3	60090.-	2
450	3NE56330C	aR	3	59665.-	3
600	3NE56430C	aR	3	70995.-	3

3NE7 type
2000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
200	3NE74250U	aR	3	POR	2
250	3NE74270U	aR	3		2
350	3NE74310U	aR	3		2
400	3NE74320U	aR	3		2
450	3NE76331U	aR	3		2
525	3NE76481U	aR	3		2
630	3NE76361U	aR	3		2
710	3NE76371U	aR	3		2

Fuse bases for SITOR fuses

- With bolt-on links or slotted blade contacts
- 1-pole

Version mm	For fuse series	I_n A	U_n V AC / V DC	Con-nection bolt	Type	Unit LP* ₹	Std. pkg. (nos.)
75	3NC18	50	690	M5	3NH5723	POR	1/3
80	3NE87, 3NC26 3NE80..-3MK 3NC32..-1U, 3NE82..-3MK	315 400 1600	690 690 690	M8 M10 M10	3NH5023 3NH5323 3NH5423		1/3
110	3NC24, 3NC33..-1U, 3NC34..-1U, 3NC84, 3NE1...-3, 3NE32, 3NE33, 3NE34	1250	1250	M10	3NH5463		1/3
170	3NE53, 3NE56	630	1800	M10	3NH5473		1/3

Utilization category as per VDE 0636/IEC 60269

Semiconductor	aR, gR, gS
Cable & Conductor	gG
Motor	aM

1st letter
- a = Partial range of protection (accompanied fuses)
- g = Complete range protection (general purpose fuses)

2nd letter
- G(-L) = Cable & conductor protection (general purpose fuses)
- M = Motor protection
- R, S = Semiconductor protection

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

* LP - List Price POR: Price On Request

Please order in multiples of standard packing.

Fuses

Cylindrical Fuses (3NW)

- Rated current 0.5A-100A
- Breaking capacity 100kA
- Operational Class gG and aM

Cylindrical Fuse, Size 10 x 38

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
0.5A	10 x 38	500	3NW60001	590.-	1/10
1A			3NW60111	590.-	1/10
2A			3NW60021	590.-	1/10
4A			3NW60041	590.-	1/10
6A			3NW60011	590.-	1/10
8A			3NW60081	590.-	1/10
10A			3NW60031	590.-	1/10
12A			3NW60061	590.-	1/10
16A			3NW60051	590.-	1/20
20A			3NW60071	590.-	1/20
25A			3NW60101	590.-	1/20
32A		400	3NW60121	590.-	1/20

Cylindrical Fuse, Size 14 x 51

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
4A	14 x 51	690	3NW61041	660.-	1/10
6A			3NW61011	660.-	1/10
8A			3NW61081	660.-	1/10
10A			3NW61031	660.-	1/10
12A			3NW61061	660.-	1/10
16A			3NW61051	660.-	1/10
20A			3NW61071	660.-	1/10
25A			3NW61101	660.-	1/10
32A			3NW61121	775.-	1/10
40A		500	3NW61171	775.-	1/10
50A			3NW61201	775.-	1/10

Cylindrical Fuse, Size 22 x 58

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
16A	22 x 58	690	3NW62051	1140.-	1/10
20A			3NW62071	1140.-	1/10
25A			3NW62101	1140.-	1/10
32A			3NW62121	1140.-	1/10
40A			3NW62171	1255.-	1/10
50A			3NW62201	1255.-	1/10
63A		500	3NW62221	1255.-	1/10
80A			3NW62241	1255.-	1/10
100A			3NW62301	1390.-	1/10

* LP - List Price

Cylindrical Fuse holders

No of Poles	Size	Rating (A)	MW	Type	Unit LP* ₹	Std. pkg.** (nos.)
1P	10 x 38	32A	1	3NW7013	1050.-	1/1
	14 x 51	50A	1.5	3NW7111	3345.-	1/1
	22 x 58	100A	2	3NW7211	5470.-	1/1
1+N	10 x 38	32A	1	3NW7053	2155.-	1/1
	14 x 51	50A	3	3NW7151	6925.-	1/1
	22 x 58	100A	4	3NW7251	11215.-	1/1
2P	10 x 38	32A	2	3NW7023	2110.-	1/1
	14 x 51	50A	3	3NW7121	6670.-	1/1
	22 x 58	100A	4	3NW7221	9445.-	1/1
3P	10 x 38	32A	3	3NW7033	3175.-	1/1
	14 x 51	50A	4.5	3NW7131	9995.-	1/1
	22 x 58	100A	6	3NW7231	14080.-	1/1

Note: Prices for 1+N and 3+N Fuse holder on request

Fuse Systems Available

1. Fuses for Photovoltaic application (DC 1000V / 1500V)
2. NEOZED Fuses & Busbar system up to 100A
3. Diazed fuse systems up to 63A
4. Class CC UL fuse links up to 30A

For more details please contact your nearest Siemens Sales Office.

Fuses for Special Applications

1. Rectifiers in Electrolysis system
2. SITOR 8QG 10/11 thyristor sets
3. Mounting in railway supply rectifier

For more details please contact your nearest Siemens Sales Office.

5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

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Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
(3VM with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- **In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.**
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VM MCCB for ratings below 75kW, please consult Siemens.
- **Recommended selection.**

Direct-on-line feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Breaking Capacity Iq	Circuit Breaker		Contactor		Bi-relay	
			MCCB	Rated current In (A)	Type	Amp	Type	Range (A)
75	134	50kA	**3VM1216-5MH32-0AA0**	160	**3RT1055**	150	**3RU2156-5DB10-8K**	110 - 160
90	160	50kA	**3VM1220-5MH32-0AA0**	200	**3RT1056**	185	**3RU2156-5EB10-8K**	140 - 200
110	190	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1064**	225	**3RU2166-5FB10-8K**	180 - 250
132	228	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1065**	265	**3RU2166-5GB10-8K**	220 - 320
160	269	50kA	**3VM1332-5MH32-0AA0**	320	**3RT1066**	300	**3RU2166-5GB10-8K**	220 - 320
200	335	50kA	**3VM1440-5MH32-0AA0**	400	**3RT1075**	400	**3RU2176-5HB10-8K**	280 - 400
250	418	50kA	**3VM1450-5MH32-0AA0**	500	**3RT1076**	500	**3RU2176-5JB10-8K**	350 - 500

Star-Delta feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Phase Current Iph (A)	Breaking Capacity Iq	Circuit Breaker		Contactor (Line/Delta)		Contactor (Star)		Bi-relay	
				MCCB	Rated current In (A)	Type	Amp	Type	Amp	Type	Range (A)
75	134	78	50kA	**3VM1216-5MH32-0AA0**	160	**3RT1054**	115	**3RT2037**	65	**3RU2156-5BB10-8K**	70 - 100
90	160	93	50kA	**3VM1220-5MH32-0AA0**	200	**3RT1055**	150	**3RT2038**	80	**3RU2156-5BB10-8K**	70 - 100
110	190	110	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT2046**	95	**3RU2156-5CB10-8K**	90 - 125
132	228	132	50kA	**3VM1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT1054**	115	**3RU2156-5DB10-8K**	110 - 160
160	269	156	50kA	**3VM1332-5MH32-0AA0**	320	**3RT1064**	225	**3RT1054**	115	**3RU2156-5EB10-8K**	140 - 200
200	335	194	50kA	**3VM1440-5MH32-0AA0**	400	**3RT1065**	265	**3RT1055**	150	**3RU2166-5FB10-8K**	180 - 250
250	418	243	50kA	**3VM1450-5MH32-0AA0**	500	**3RT1066**	300	**3RT1056**	185	**3RU2166-5GB10-8K**	220 - 320

Note: For ratings below 75kW, with SCPD 3RV MPCB, please refer to Low Voltage Control Products Price List or please contact your nearest Siemens Sales Office.

Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
(3VA with 3RT & 3RU)

Suitable for IE3 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- Ratio of starting current to rated current: In accordance to IS12615:2018
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VA MCCB for ratings below 37kW, please consult Siemens.
- **Recommended selection**.

Direct-on-line feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Breaking Capacity Iq	Circuit Breaker		Contactor		Bi-relay	
			MCCB	Rated current In (A)	Type	Rating (A)	Type	Range (A)
37	64	50kA	**3VA1180-5MH32-0AA0**	80	**3RT2038**	80	**3RU2136-4KB0**	62...73
45	77	50kA	**3VA1110-5MH32-0AA0**	100	**3RT2046**	95	**3RU2146-4LB0**	70...90
55	94	50kA	**3VA1112-5MH32-0AA0**	125	**3RT1054**	115	**3RU2156-5CB10-8K**	90...125
75	132	50kA	**3VA1216-5MH32-0AA0**	160	**3RT1055**	150	**3RU2156-5DB10-8K**	110-160
90	155	50kA	**3VA1220-5MH32-0AA0**	200	**3RT1056**	185	**3RU2156-5EB10-8K**	140-200
110	186	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1064**	225	**3RU2166-5EB10-8K**	140-200
132	220	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1065**	265	**3RU2166-5FB10-8K**	180-250
160	267	50kA	**3VA1332-5MH32-0AA0**	320	**3RT1075**	400	**3RU2166-5GB10-8K**	220-320
200	332	50kA	**3VA1440-5MH32-0AA0**	400	**3RT1075**	400	**3RU2176-5HB10-8K**	280-400
250	416	50kA	**3VA1450-5MH32-0AA0**	500	**3RT1076**	500	**3RU2176-5JB10-8K**	350-500

Star-Delta feeder

kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Phase Current Iph (A)	Breaking Capacity Iq	Circuit Breaker		Contactor (Line/ Delta)		Contactor (Star)		Bi-relay	
				MCCB	Rated current In (A)	Type	Rating (A)	Type	Rating (A)	Type	Range (A)
37	64	37	50kA	**3VA1180-5MH32-0AA0**	80	**3RT2037**	65	**3RT2027**	32	**3RU2136-4GB0**	36...45
45	77	45	50kA	**3VA1110-5MH32-0AA0**	100	**3RT2038**	80	**3RT2035**	40	**3RU2136-4HB0**	40...50
55	94	54	50kA	**3VA1112-5MH32-0AA0**	125	**3RT2038**	80	**3RT2036**	50	**3RU2136-4QB0**	47...57
75	132	76	50kA	**3VA1216-5MH32-0AA0**	160	**3RT1054**	115	**3RT2037**	65	**3RU2156-5BB10-8K**	70-100
90	155	90	50kA	**3VA1220-5MH32-0AA0**	200	**3RT1055**	150	**3RT2038**	80	**3RU2156-5BB10-8K**	70-100
110	186	108	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT2046**	95	**3RU2156-5CB10-8K**	90-125
132	220	128	50kA	**3VA1325-5MH32-0AA0**	250	**3RT1056**	185	**3RT1054**	115	**3RU2156-5DB10-8K**	110-160
160	267	155	50kA	**3VA1332-5MH32-0AA0**	320	**3RT1064**	225	**3RT1054**	115	**3RU2156-5EB10-8K**	140-200
200	332	193	50kA	**3VA1440-5MH32-0AA0**	400	**3RT1065**	265	**3RT1055**	150	**3RU2166-5FB10-8K**	180-250
250	416	241	50kA	**3VA1450-5MH32-0AA0**	500	**3RT1066**	300	**3RT1056**	185	**3RU2166-5GB10-8K**	220-320

Note: For ratings below 37kW, with SCPD 3RV MPCB, please refer to Low Voltage Control Products Price List or please contact your nearest Siemens Sales Office.

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnector Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor		SDF		Fuse		Contactor		Bi-Relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps	Type	Amp	Type	Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.4	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.7	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.4	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.2	3KL811	20	3NA78030RC	10	3RT2015	7	3RU2116-1EB0	2.8 ... 4
2.2	4.8	3KL811	20	3NA78050RC	16	3RT2015	7	3RU2116-1GB0	4.5 ... 6.3
3.7	7.4	3KL811	20	3NA78070RC	20	3RT2024	12	3RU2126-1JB0	7...10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	15	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ...16
11	21	3KL815	63	3NA78200RC	50	3RT2027	32	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2035	40	3RU2136-4EB0	22 ... 32
18.5	34	3KL821	100	3NA78240RC	80	3RT2035	40	3RU2136-4FB0	28 ... 40
22	40	3KL821	100	3NA78240RC	80	3RT2036	50	3RU2136-4GB0	36 ... 45
30	57	3KL821	100	3NA78300RC	100	3RT2037	65	3RU2136-4QB0	47 ... 57
37	64	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4KB0	62 ... 73
45	77	3KL822	125	3NA78320RC	125	3RT2046	95	3RU2136-4RB0	70 ... 80
55	101	3KL823	160	3NA78360RC	160	3RT1054	115	3RU2156-5CB10-8K	90 ... 125
75	134	3KL831	200	3NA71400RC	200	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3KL832	250	3NA71440RC	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3KL834	400	3NA72600RC	400	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3KL841	500	3NA33650RC	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3KL841	500	3NA33650RC	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

Star-Delta feeder, for Low LCC

SL Motor			SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
4	7.8	4.5	3KL811	20	3NA78030RC	10	3RT2023	9	3RT2023	9	3RU2126-1FB0	3.5 ... 5	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3RT2023	9	3RT2023	9	3RU2126-1HB0	5.5 ... 8	3RP15
7.5	15	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	21	12	3KL812	32	3NA78100RC	25	3RT2025	17	3RT2023	9	3RU2126-1KB0	9 ... 12.5	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3RT2026	25	3RT2025	17	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3RT2027	32	3RT2026	25	3RU2126-4CB0	17 ... 22	3RP15
22	40	23.2	3KL815	63	3NA78200RC	63	3RT2035	40	3RT2026	25	3RU2136-4DB0	18 ... 25	3RP15
30	57	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	64	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	77	45	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	101	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	134	75.6	3KL823	160	3NA78360RC	160	3RT2038	80	3RT2037	65	3RU2136-4RB0	70 ... 80	3RP15
90	156	90	3KL823	160	3NA78360RC	160	3RT2046	95	3RT2038	80	3RU2146-4LB0	70 ... 90	3RP15
110	190	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	162	3KL833	315	3NA72520RC	315	3RT1056	185	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3KL834	400	3NA72600RC	400	3RT1064	225	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3KL841	500	3NA33650RC	500	3RT1075	400	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3TF & 3UA)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- **In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.**
- Selection is for **normal starting** conditions with starting time ≤ 6 seconds. (For **heavy starting** applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- At 60°C service temperature the bi-relay has to be derated. The bi-relay can be used upto the maximum current setting indicated. For example - A bi-relay with setting 32-50A, at 60°C can be used only upto 47A. This however does not mean that at 60°C, the 50A setting corresponds to 47A. It means that, the bi-relay should not be set beyond 47A.
- **The electronic star-delta timer type 3RP should be used in star-delta feeders.**
- SDF: Switch Disconnector Fuse. **All fuses are DIN HRC type**.
- **Tested Type 2 combinations**
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor	Motor	SDF		HRC Fuse		Contactor		Bi-Relay		Bi-Relay	
kW 415V, 3ph, 50Hz	I_L Amp	Type	Rating	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp
0.37	1	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-0K	0.8 - 1.25	3UA5000-0K	0.8 - 1.17
0.55	1.3	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-1A	1 - 1.6	3UA5000-1A	1 - 1.5
0.75	1.9	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1B	1.25 - 2	3UA5000-1C	1.6 - 2.3
1.1	2.6	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1D	2 - 3.2	3UA5000-1D	2 - 3
1.5	3.7	3KL811	20	3NA78030RC	10	3TF30	9	3UA5000-1E	2.5 - 4	3UA5000-1E	2.5 - 3.7
2.2	4.8	3KL811	20	3NA78050RC	16	3TF30	9	3UA5000-1F	3.2 - 5	3UA5000-1G	4 - 5.9
3.7	7.8	3KL811	20	3NA78070RC	20	3TF30	9	3UA5000-1H	5 - 8	3UA5000-1J	6.3 - 9.4
5.5	11.2	3KL812	32	3NA78100RC	25	3TF31	12	3UA5000-1K	8 - 12.5	3UA5000-1K	8 - 11.7
7.5	16	3KL812	32	3NA78120RC	32	3TF32	16	3UA5200-2A	10 - 16	3UA5200-2B	12.5 - 18.7
9.3	19	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2B	12.5 - 20	3UA5500-2C	16 - 23.4
11	20.8	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2C	16 - 25	3UA5500-2C	16 - 23.4
15	28	3KL815	63	3NA78220RC	63	3TF34	32	3UA5500-2D	20 - 32	3UA5500-2D	20 - 30
18.5	34	3KL815	63	3NA78220RC	63	3TF35	38	3UA5500-2Q	25 - 36	3UA5500-2R	32 - 37.4
22	40	3KL817	100	3NA78240RC	80	3TF46	45	3UA5800-2FZ1	32 - 50	3UA5800-2FZ1	32 - 47
30	53	3KL817	100	3NA78300RC	100	3TF47	63	3UA5800-2TZ1	40 - 57	3UA5800-2PZ1	50 - 59
37	65	3KL822	125	3NA78320RC	125	3TF477	70	3UA5800-2VZ2	57 - 70	3UA5800-2VZ2	57 - 65.5
45	78	3KL822	125	3NA78320RC	125	3TF49	85	3UA5800-8YZ1	70 - 95	3UA5800-8YZ1	70 - 88.9
55	96	3KL823	160	3NA78360RC	160	3TF50	110	3UA5830-5C	85 - 105	3UA5830-5C	85 - 98.2
75	131	3KL831	200	3NA71400RC	200	3TF51	140	3UA6230-5A	85 - 135	3UA6230-5B	115 - 168
90	156	3KL832	250	3NA71440RC	250	3TF52	170	3UA6230-5B	115 - 180	3UA6230-5B	115 - 168
110	189	3KL832	250	3NA71440RC	250	3TF53	205	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
132	227	3KL833	315	3NA72520RC	315	3TF54	250	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
160	271	3KL834	400	3NA72600RC	400	3TF55	300	3UA6230-5D	200 - 320	3UA6230-5D	200 - 299
200	339	3KL841	500	3NA33650RC	500	3TF56	400	3UA6230-5E	250 - 400	3UA6230-5E	250 - 374
250	398	3KL841	500	3NA33650RC	500	3TF57	475	3UA6830-5F	320 - 500	3UA6830-5F	320 - 468

Star-Delta feeder, for Low LCC

SL Motor	Motor		SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Bi-Relay		Timer
kW 415V, 3ph, 50Hz	I_L Amp.	Iph Amp	Type	Rating	Type	Amp	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp	Type
3.7	7.8	4.5	3KL811	20	3NA78030RC	10	3TF30	9	3TF30	9	3UA5000-1F	3.2-5	3UA5000-1F	3.2-4.7	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3TF30	9	3TF30	9	3UA5000-1H	5-8	3UA5000-1H	5-7.5	3RP15
7.5	16	9.2	3KL811	20	3NA78070RC	20	3TF31	12	3TF30	9	3UA5000-1J	6.3-10	3UA5000-1J	6.3-9.4	3RP15
9.3	19	11	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-1K	8-11.7	3RP15
11	20.8	12	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-2S	10-13.6	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3TF33	22	3TF32	16	3UA5200-2B	12.5-20	3UA5200-2B	12.5-18.7	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2B	12.5-20	3UA5500-2C	16-23.4	3RP15
22	40	23.2	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2C	16-25	3UA5500-2D	22-30	3RP15
30	53	30.6	3KL815	63	3NA78220RC	63	3TF34	32	3TF34	32	3UA5500-2D	20-32	3UA5500-2Q	25-33.7	3RP15
37	65	37.5	3KL817	100	3NA78240RC	80	3TF35	38	3TF34	32	3UA5500-2R	32-40	3UA5500-8M	36-45	3RP15
45	78	45	3KL817	100	3NA78300RC	100	3TF46	45	3TF34	32	3UA5800-2FZ1	32-50	3UA5800-2FZ1	32-47	3RP15
55	96	55.4	3KL817	100	3NA78300RC	100	3TF47	63	3TF34	32	3UA5800-2TZ1	40-57	3UA5800-2PZ1	50-59	3RP15
75	131	75.6	3KL823	160	3NA78360RC	160	3TF49	85	3TF47	63	3UA5800-8YZ1	70-95	3UA5800-8YZ1	70-88.9	3RP15
90	156	90.1	3KL823	160	3NA78360RC	160	3TF50	110	3TF47	63	3UA5830-5B	70-95	3UA5830-5C	85-98.2	3RP15
110	189	109	3KL831	200	3NA71400RC	200	3TF50	110	3TF50	110	3UA5830-5D	95-120	3UA5830-5D	95-112	3RP15
132	227	131.1	3KL832	250	3NA71440RC	250	3TF51	140	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
160	271	156.5	3KL833	315	3NA72520RC	315	3TF52	170	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
200	339	195.7	3KL834	400	3NA72600RC	400	3TF54	250	3TF52	170	3UA6230-5C	160-250	3UA6230-5C	160-234	3RP15
250	398	229.8	3KL841	500	3NA72600RC	400	3TF54	250	3TF54	250	3UA6230-5C	160-250	3UA6230-5D	200-299	3RP15

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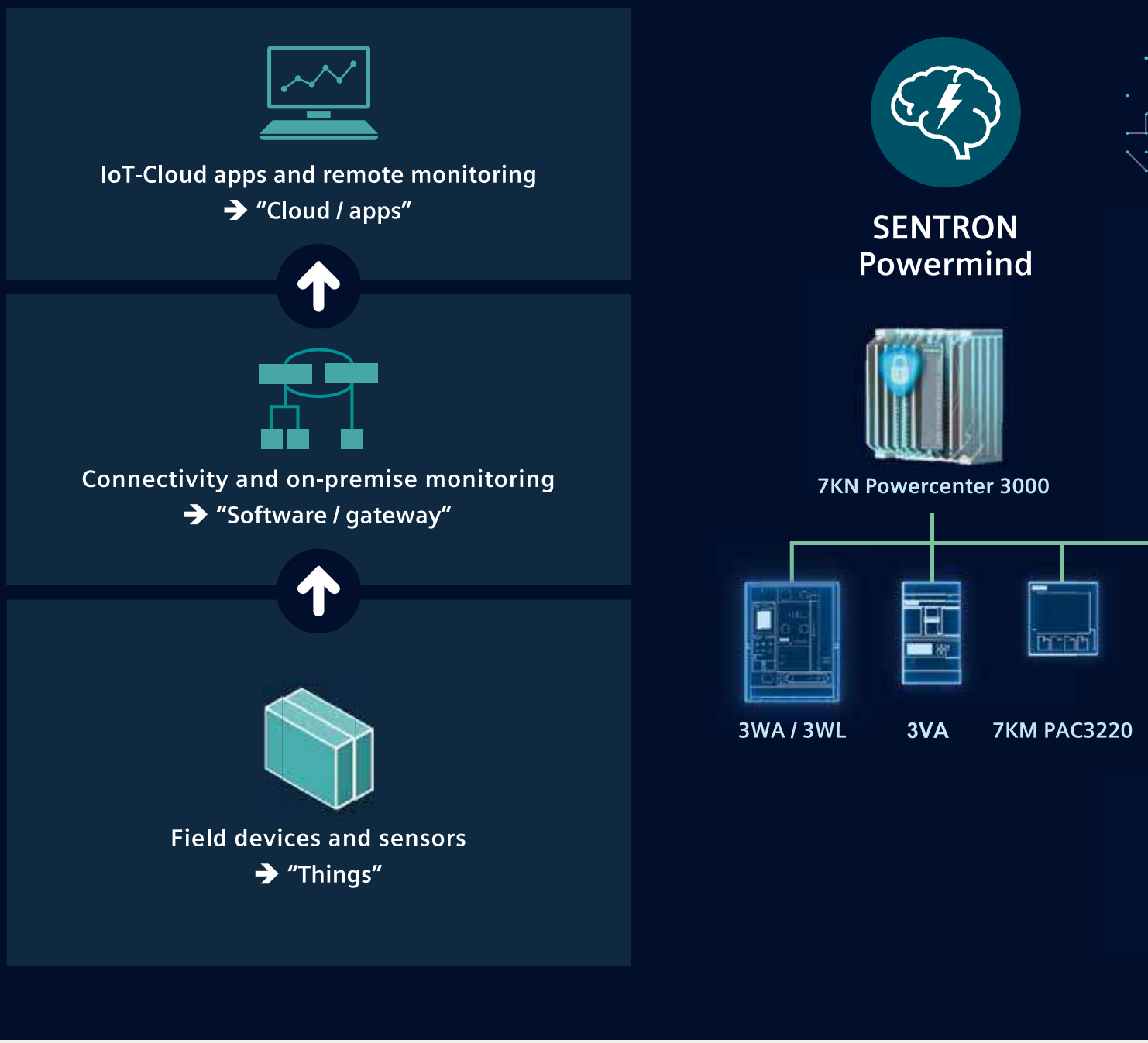

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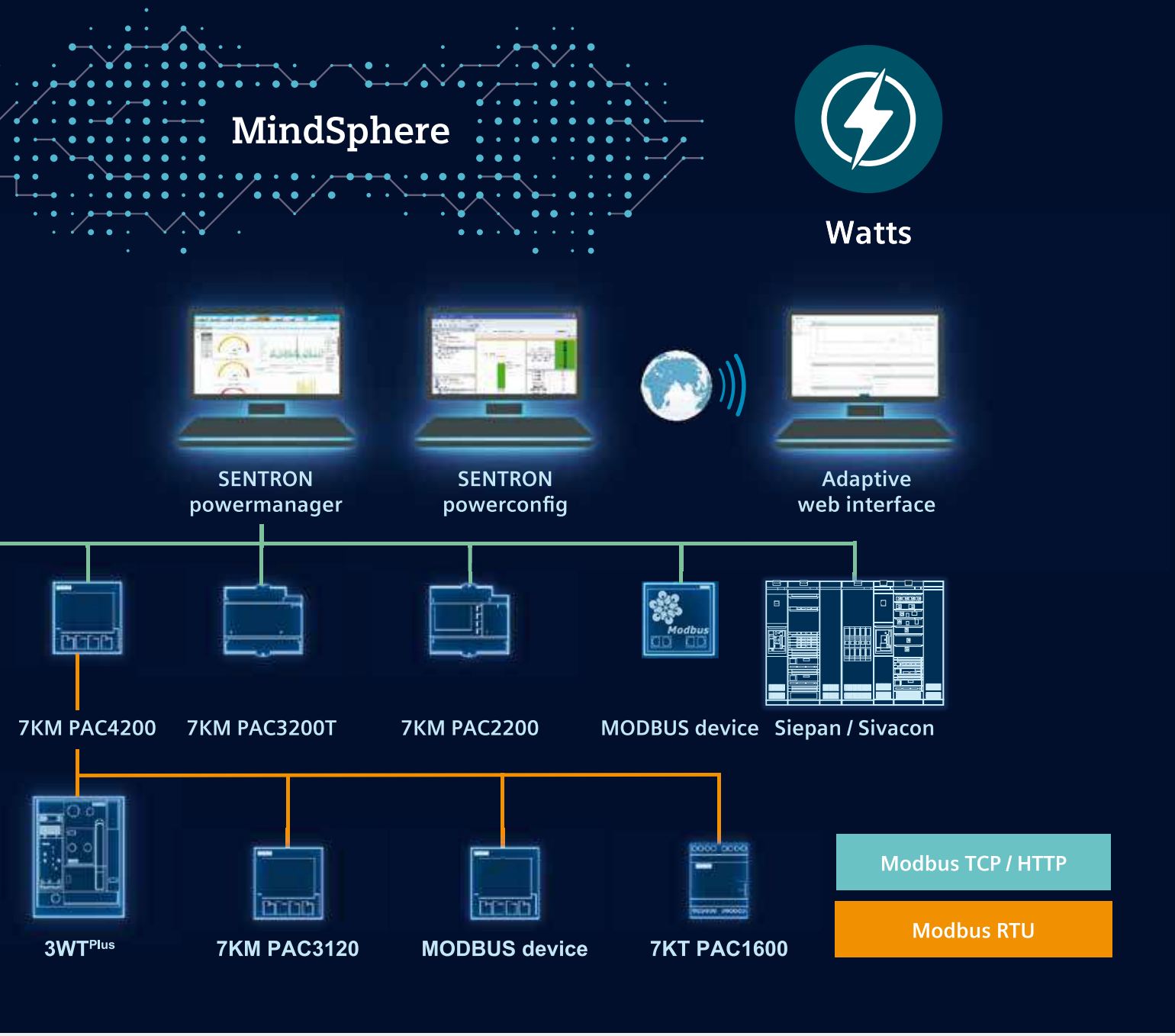

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Available till stocks last

Superswitch 3KL8

Switch Disconnector fuse: 3KL8 3-pole with Isolable neutral (Open Execution)

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-3TA00	4015.-	3KL8111-3TJ00	3885.-	3KL8111-3TC00	3955.-	1
32A	3KL8121-3TA00	4115.-	3KL8121-3TJ00	4020.-	3KL8121-3TC00	4075.-	1
63A	3KL8151-3TA00	5805.-	3KL8151-3TJ00	5620.-	3KL8151-3TC00	5665.-	1
100A	3KL8211-3TA00	11600.-	3KL8211-3TJ00	11380.-			1
125A	3KL8221-3TA00	15170.-	3KL8221-3TJ00	14970.-			1
160A$	3KL8231-3TA00	16555.-	3KL8231-3TJ00	16325.-			1
200A	3KL8311-3UA00	21150.-	3KL8311-3UJ00	20470.-			1
250A	3KL8321-3UA00	24870.-	3KL8321-3UJ00	25310.-			1
315A	3KL8331-3UA00	30745.-	3KL8331-3UJ00	29945.-			1
400A$	3KL8341-3UA00	37040.-	3KL8341-3UJ00	37595.-			1
500A	3KL8411-3UA00	57950.-	3KL8411-3UJ00	55730.-			1
630A	3KL8421-3UA00	59535.-	3KL8421-3UJ00	57745.-			1
800A$	3KL8431-3UA00	64490.-	3KL8431-3UJ00	62585.-			1

Notes:
3KL8/ 3KA8 is rated for 690V, 50Hz, AC23A Utilisation Category
$ AC23A @500V AC
All SDF Unit MRPs are without fuses
Unit MRP's are inclusive of front drive (Handle) kit, fuse cover, terminal cover, isolable neutral cover and phase barriers.

Accessories for 3KL8 / 3KA8: 3-pole with Isolable neutral (Open Execution)

Description	3KL81 11/21/51 3KA81 51	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41/51	Unit MRP* ₹	3KL84 11/21/31 3KA84 3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse Cover	3KX8150-0AC	485.-	3KX8230-0AC	700.-	3KX8340-0AC	1025.-	3KX8430-0AC	1450.-	1
Terminal Cover (1 set)	–	–	3KX8231-0AC	590.-	3KX8341-0AC	1120.-	3KX8431-0AC	1310.-	1
Isolable Neutral cover	–	–	3KX8232-0AC	295.-	3KX8342-0AC	480.-	3KX8432-0AC	590.-	1
Phase Barrier$$	3KX8153-0AC	200.-	3KX8233-0AC	200.-	3KX8343-0AC	290.-	3KX8433-0AC	370.-	1

$$For phase barriers of BS type switches please contact your nearest Siemens Sales Office.

SIECAP™ LV Power Capacitors

ND (Normal Duty)

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	0.9	4RB2008-3EE50-8K	395.-	1
	1	4RB2010-3EE50-8K	440.-	1
	1.2	4RB2012-3EE50-8K	515.-	1
	1.5	4RB2015-3EE50-8K	640.-	1
	2.1	4RB2021-3EE50-8K	910.-	1
	2.5	4RB2025-3EE50-8K	1080.-	1
	3	4RB2030-3EE50-8K	1300.-	1
	4.2	4RB2042-3EE50-8K	1810.-	1
	5	4RB2050-3EE50-8K	2160.-	1
	6	4RB2060-3EE50-8K	2280.-	1
	7	4RB2070-3EE50-8K	2665.-	1
	7.5	4RB2075-3EE50-8K	2855.-	1
	8.3	4RB2083-3EE50-8K	3160.-	1
	9	4RB2090-3EE50-8K	3425.-	1
	10	4RB2100-3EE50-8K	3810.-	1
	12.5	4RB2125-3EE50-8K	4110.-	1
	15	4RB2150-3EE50-8K	4930.-	1
	16.7	4RB2167-3EE50-8K	5485.-	1
	20	4RB2200-3EE50-8K	6565.-	1
	20.8	4RB2208-3EE50-8K	6835.-	1
	25	4RB2250-3EE50-8K	8220.-	1
	28	4RB2280-3EE50-8K	9205.-	1
	30	4RB2300-3EE50-8K	9865.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	1	4RB2010-3EJ50-8K	455.-	1
	1.5	4RB2015-3EJ50-8K	685.-	1
	2	4RB2020-3EJ50-8K	900.-	1
	2.5	4RB2025-3EJ50-8K	1115.-	1
	4.2	4RB2042-3EJ50-8K	1895.-	1
	5	4RB2050-3EJ50-8K	1990.-	1
	5.5	4RB2055-3EJ50-8K	2480.-	1
	8.3	4RB2083-3EJ50-8K	3305.-	1
	10.4	4RB2104-3EJ50-8K	4140.-	1
	11.1	4RB2111-3EJ50-8K	3840.-	1
	12.5	4RB2125-3EJ50-8K	4330.-	1
	13.8	4RB2138-3EJ50-8K	4775.-	1
	15	4RB2150-3EJ50-8K	5190.-	1
	16.7	4RB2167-3EJ50-8K	5770.-	1
	20.8	4RB2208-3EJ50-8K	7200.-	1
	25	4RB2250-3EJ50-8K	8645.-	1
	27.7	4RB2277-3EJ50-8K	9580.-	1
	30	4RB2300-3EJ50-8K	10380.-	1

* Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details

* LP - List Price
* MRP - Maximum Retail Price

Discontinued products

3KC Automatic Transfer Controller

Description	Type
ATC 5300	3KC9000-8TL30

7KM PAC 3100 power monitoring device

Description	Type
PAC 3100 with integrated RS 485 port for MODBUS RTU	**7KM3133-0BA00-3AA0**
PAC 3200 with integrated ethernet port for MODBUS TCP	**7KM2112-0BA00-3AA0**

Control switches 3ST

Switch	Description	Type
2-Pole On-Off [1), 2)] **3-Pole On-Off** [1), 2)]	415V, 50Hz/8.5A	■ **3ST1 400-0AF08** ■ **3ST1 400-1AH08**
Ammeter selector **Voltmeter selector**	0–L1–L2–L3 0–L1L2–L2L3–L3L1	■ **3ST1 400-2RQ08** ■ **3ST1 400-1RK08**

1) 12th place code '8' represents black knob. Replace it by '9' for red knob.
2) 9th place code 'A' represents rotation < 360°. For 360° rotation, replace it by 'B'

Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type
In sheet steel housing	On/Off	7.5	■ **3LA0221-1YA**
		30	■ **3LA0621-1YB**
	System selector	5.5	**3LA0222-1YA**
	Reversing	5.5	■ **3LA0223-1YA**

Accessories for Superswitch: 3KL8/ 3KA8

Description	3KL83 11/21/31/41 3KA83 11/21/41	3KL84 11/21/31 3KA84 2/3/4/5/6	Std.pkg. (nos.)
Key interlock	**3KX3588-1YP(.)#**	**3KX3588-1YP(.)#**	**1**

Type of keys are Type A - F depending on the last digit (.) to be replaced by letters A - F.

Description	Type
3VL MCCBs	**3VL1 - 3VL8**
3VL Accessories	**3VL9... , \3VL9...**

Moulded Case Circuit Breaker: 3VT1

Description	Type
3VT1 MCCBs	**3VT17....**
3VT91 Accessories	**3VT91....**

Std. Pkg. = 1 unit * MRP - Maximum Retail Price ^ - List Price

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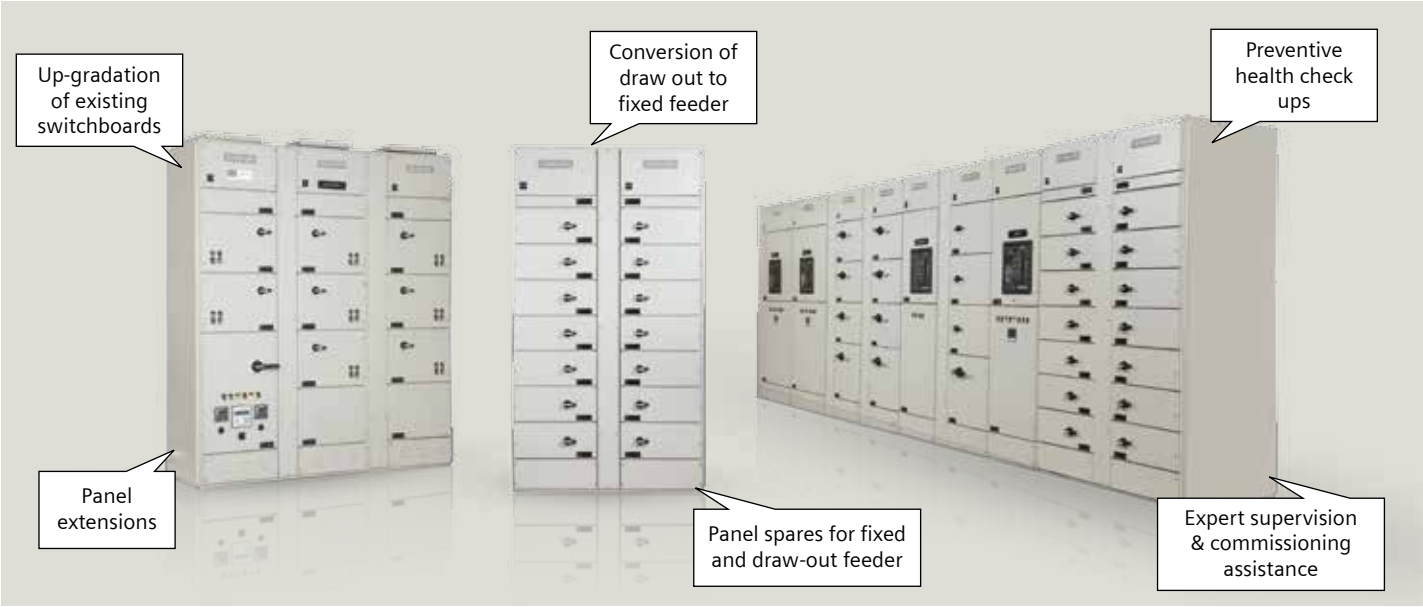
Service & spares for SIEPAN 8PU



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For information on prices of below products please refer to the Low Voltage Control Products valid Price List

Terms and conditions

Maximum Retail Price (MRP) / List Price (LP) is subject to revision without prior notice.

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The minimum order size for non-stock items (items not marked with ■) is 50 Nos. for each item or ₹ 50,000/- per item.

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The normal stock items (indicated by ■) are subject to change without prior notice.

Note

- **This supercedes all previous Price Lists.**
- **List Prices (LPs) mentioned are exclusive of all taxes.**
- **Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.**
- **Invoice amount not to exceed MRP**
- **Invoice amount = MRP (less) applicable discount + applicable GST %**
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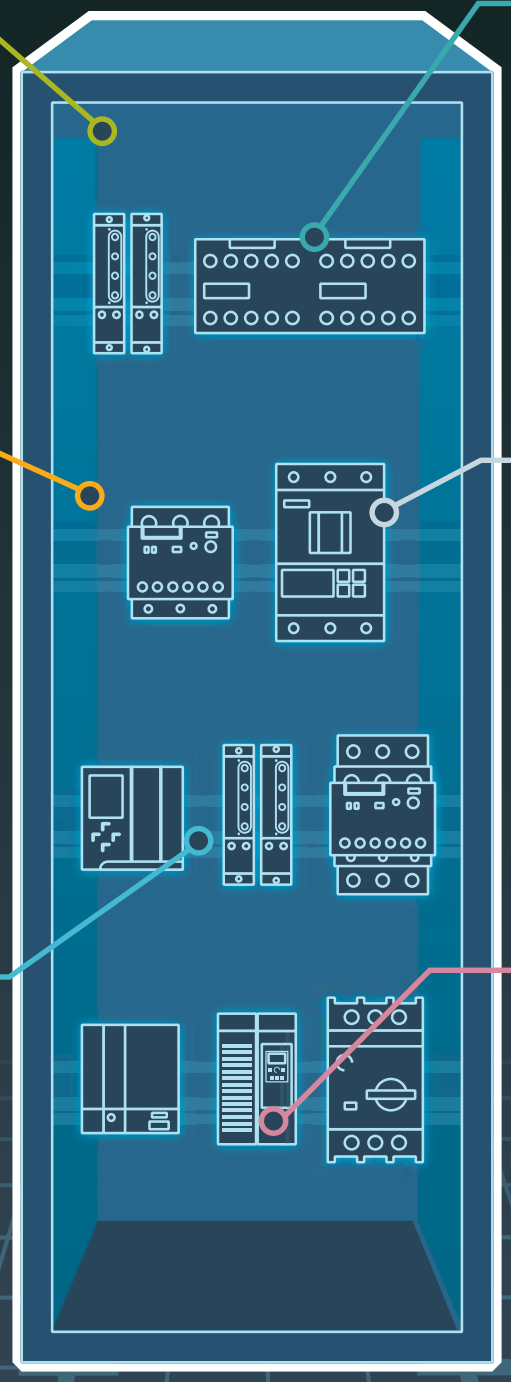

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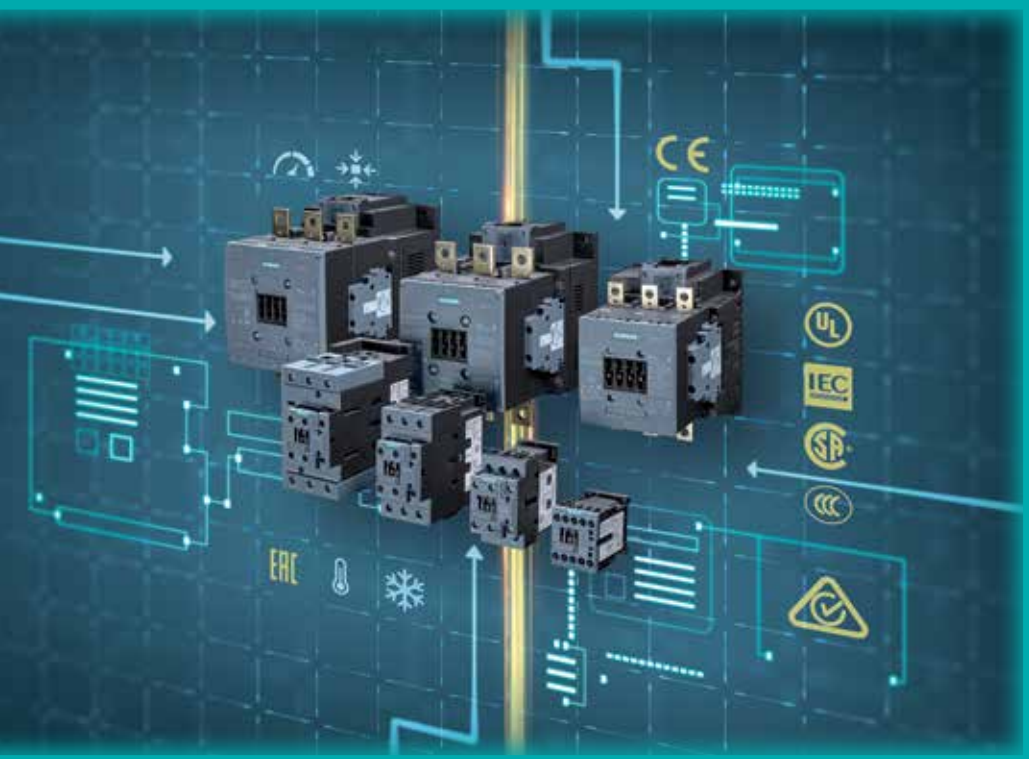

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Contactor Relays (Auxiliary Contactors)

3RH2 (S00) with "Mechanically linked contact elements"

Screw terminals

Size	Operational Current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil$ NEW Type*	Unit LP[1)] ₹	Std. pkg. (nos.)	DC Coil@ NEW Type*	Unit LP[1)] ₹	Std. pkg. (nos.)
S00	10	4	–	■ 3RH2140-1A..08K	1695.-	1	■ 3RH2140-1B..08K	2350.-	1
		3	1	■ 3RH2131-1A..08K	1695.-	1	■ 3RH2131-1B..08K	2350.-	1
		2	2	■ 3RH2122-1A..08K	1695.-	1	■ 3RH2122-1B..08K	2350.-	1

Note: For ordering SIRIUS Type No. ending without 8K please get in touch with your nearest sales office

$@ Please enter coil codes from table below

Latched Contactor Relays

Screw terminals

Operational current Ie AC-15 at 230V A	Contacts NO	Contacts NC	AC Coil$ Type	Unit LP[1)] ₹	Std. pkg. (nos.)	DC Coil@ Type	Unit LP[1)] ₹	Std. pkg. (nos.)
10	4	–	3RH2440-1A..0	6210.-	1	3RH2440-1B..0	8250.-	1
	3	1	3RH2431-1A..0	6210.-	1	3RH2431-1B..0	8250.-	1
	2	2	3RH2422-1A..0	6210.-	1	3RH2422-1B..0	8250.-	1

$@ Please enter coil codes from table below
* For ordering contactors with spring type terminals, please get in touch with sales office
For Latched Power Contactors refer 3RT accessory "Mechanical Latching Blocks" on page no. 17
Spring type terminals are not available for latched contactor relays.

Rated control supply voltages for 3RH21 & 3RH24

$ AC coil voltage

Code	B0	■ F0	■ P0
Coil voltage 50/60 Hz	24	110	230

@ DC Coil Voltage

Code	■ B4	F4	M4
Coil voltage	24	110	220

1) For ordering contactors with other than above coil voltages, please add Rs. 230 to the unit LP of standard contactor.
Please contact nearest sales office for other coil voltages

Contactor Relays (with Low power consumption coil)

Auxiliary Contactor - 3RH21 Coupling Relays

Screw terminals

Size	Surge Suppressor	Rated operational current Ie AC-15 at 230 V A	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Rated control supply voltage **Us =24 V DC**, Operating range **0.7 to 1.25xUs**, Power Consumption **2.8W** at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1KB40	3030.-	1
			3	1	3RH2131-1KB40	3030.-	1
			2	2	3RH2122-1KB40	3030.-	1
Rated control supply voltage **Us =24 V DC**, Operating range **0.85 to 1.85xUs**, Power Consumption **1.6W** at 24V DC							
S00	Built in Suppressor Diode	10	4	-	3RH2140-1SB40	4320.-	1
			3	1	3RH2131-1SB40	4320.-	1
			2	2	3RH2122-1SB40	4320.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2'

Note: 3RH21 Coupling Relays - Add-on Auxiliary contact blocks not applicable

■ **Stock items**

Power Contactors

3RT (S00 to S12) with "Mirror contacts elements"

Screw terminals

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$ NEW			DC Coil@ NEW		
				Type*	Unit LP[1)] ₹	Std. pkg. (nos.)	Type*	Unit LP[1)] ₹	Std. pkg. (nos.)
S00	7	3	1NO	■ 3RT2015-1A..18K	1440.-	1	■ 3RT2015-1B..18K	2230.-	1
			1NC	■ 3RT2015-1A..28K	1440.-	1	■ 3RT2015-1B..28K	2230.-	1
	9	4	1NO	■ 3RT2016-1A..18K	1515.-	1	■ 3RT2016-1B..18K	2425.-	1
			1NC	■ 3RT2016-1A..28K	1515.-	1	■ 3RT2016-1B..28K	2425.-	1
	12	5.5	1NO	■ 3RT2017-1A..18K	1700.-	1	■ 3RT2017-1B..18K	2810.-	1
			1NC	■ 3RT2017-1A..28K	1700.-	1	■ 3RT2017-1B..28K	2810.-	1
	16	7.5	1NO	■ 3RT2018-1A..18K	2020.-	1	■ 3RT2018-1B..18K	3300.-	1
			1NC	■ 3RT2018-1A..28K	2020.-	1	■ 3RT2018-1B..28K	3300.-	1
S0	25	11	1NO+1NC	■ 3RT2026-1A..08K	2995.-	1	■ 3RT2026-1B..08K	5195.-	1
	32	15	1NO+1NC	■ 3RT2027-1A..08K	5840.-	1	■ 3RT2027-1B..08K	10565.-	1
	38	18.5	1NO+1NC	■ 3RT2028-1A..08K	8360.-	1	■ 3RT2028-1B..08K	12555.-	1
	40	18.5	1NO+1NC	■ 3RT2028-1A..08KA0#	8815.-	1	■ 3RT2028-1B..08KA0#	13155.-	1

Note: For ordering SIRIUS Type No. ending without 8K please get in touch with your nearest sales office

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$			AC/DC Coil€		
				Type	Unit LP[1)] ₹	Std. pkg. (nos.)	Type	Unit LP[1)] ₹	Std. pkg. (nos.)
S2	50	22	1NO+1NC	■ 3RT2036-1A..0	11555.-	1	■ 3RT2036-1N..0	18550.-	1
	65	30	1NO+1NC	■ 3RT2037-1A..0	16055.-	1	■ 3RT2037-1N..0	21015.-	1
	80	37	1NO+1NC	■ 3RT2038-1A..0	19975.-	1	■ 3RT2038-1N..0	25595.-	1
S3	95	45	1NO+1NC	■ 3RT2046-1A..0	25345.-	1	■ 3RT2046-1N..0	31790.-	1
	110	55	1NO+1NC	■ 3RT2047-1A..0	32400.-	1	■ 3RT2047-1N..0	41135.-	1

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts **	AC Coil $ NEW			Auxiliary contacts	AC/DC Coils (Conventional Type) €		
				Type	Unit LP ₹	Std. pkg. (nos.)		Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	–	■ 3RT1054-6C.308K	31070.-	1	2NO+2NC	■ 3RT1054-6A.368K	32550.-	1
	150	75	–	■ 3RT1055-6C.308K	39400.-	1	2NO+2NC	■ 3RT1055-6A.368K	41040.-	1
	185	90	–	■ 3RT1056-6C.308K	49435.-	1	2NO+2NC	■ 3RT1056-6A.368K	51340.-	1
S10	225	110	–	■ 3RT1064-6C.308K	52735.-	1	2NO+2NC	■ 3RT1064-6A.368K	54760.-	1
	265	132	–	■ 3RT1065-6C.308K	64475.-	1	2NO+2NC	■ 3RT1065-6A.368K	66315.-	1
	300	160	–	■ 3RT1066-6C.308K	77035.-	1	2NO+2NC	■ 3RT1066-6A.368K	79235.-	1
S12	400	200	–	■ 3RT1075-6C.308K	92560.-	1	2NO+2NC	■ 3RT1075-6A.368K	95200.-	1
	500	250	–	■ 3RT1076-6C.308K	129350.-	1	2NO+2NC	■ 3RT1076-6A.368K	131790.-	1

$@€ Please enter coil codes from table below € available with universal operation # 40A Size S0 3RT2028 contactor is available with screw type terminals only

** Please select required Auxiliary Contact Blocks from Page 7

* For ordering contactors with spring type terminals, please get in touch with sales office

Rated control supply voltages

(For 3RT2 Change the 10th & 11th digit and for 3RT1 Change the 10th digit of Type no.)

$ - AC operation 50/60Hz

Contactor type	3RT20 1	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
24 V AC	B0	C2	C2	C2
■ 110 V AC	F0	G2	G2	G2
■ 230 V AC	P0	L2	L2	L2

Contactor Type	3RT105,3RT106,3RT107
Size	S6, S10, S12
110...127 V AC	F
220...240 V AC	P

@ - DC operation

Contactor type	3RT20 1,3RH2	3RT20 2	3RT20 3	3RT20 4
Size	S00	S0	S2	S3
■ 24 V DC	B4	B4	–	–
110 V DC	F4	F4	–	–
220 V DC	M4	M4	–	–

€ - Universal operation (AC / DC) for 3RT2 S2, S3 and for 3RT1 S6, S10, S12

Contactor Type	3RT203.-.N	3RT204.-.N
Size	S2	S3
20...33 V AC/DC	B3	B3
83...155 V AC/DC	F3	F3
175...280 V AC/DC	P3	P3

Contactor Type	3RT1_Conventional Coil
Size	S6, S10, S12
110...127 V AC/DC	F
220...240 V AC/DC	P

1) For ordering contactors with other than above coil voltages, please add Rs. 230/- to the unit LP of standard contactor of the same rating.
Please contact nearest sales office for other coil voltages

Note: All SIRIUS 3RT20 / 3RT10 contactors (with at least 1 NC auxiliary contact) are tested to "Mirror contacts" characteristics in conjunction with auxiliary contacts ever since the launch of product

■ **Stock items**

LP - List Price

Power Contactors

3RT (S6, S10, S12) with "Mirror contacts elements" Withdrawable coils and integrated varistor in coil circuit

Contactor without operating coil (Please order coil separately)

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Contactor w/o Aux (NEW)				Contactor with Aux			
			Auxiliary contacts**	Type	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	–	■ 3RT1054-6LA008K	24065.-	1	2NO+2NC	■ 3RT1054-6LA068K	25525.-	1
	150	75	–	■ 3RT1055-6LA008K	33280.-	1	2NO+2NC	■ 3RT1055-6LA068K	34000.-	1
	185	90	–	■ 3RT1056-6LA008K	42790.-	1	2NO+2NC	■ 3RT1056-6LA068K	44435.-	1
S10	225	110	–	■ 3RT1004-6LA008K	44015.-	1	2NO+2NC	■ 3RT1064-6LA068K	45705.-	1
	265	132	–	■ 3RT1005-6LA008K	55360.-	1	2NO+2NC	■ 3RT1065-6LA068K	56945.-	1
	300	160	–	■ 3RT1006-6LA008K	67845.-	1	2NO+2NC	■ 3RT1066-6LA068K	69785.-	1
S12	400	200	–	■ 3RT1075-6LA008K	76935.-	1	2NO+2NC	■ 3RT1075-6LA068K	79130.-	1
	500	250	–	■ 3RT1076-6LA008K	113150.-	1	2NO+2NC	■ 3RT1076-6LA068K	115285.-	1

**Please select the required Contact Blocks from below table

Auxiliary Contact Blocks (S6 - S12)

Size	NO	NC	#NO	#NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	–	–	–	3RH1921-1CA10	255.-	10
	–	1	–	–	3RH1921-1CA01		10
	–	–	1	–	3RH1921-1CD10	500.-	10
	–	–	–	1	3RH1921-1CD01		10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1EA20	1075.-	1
	1	1	–	–	3RH1921-1EA11		1
	–	2	–	–	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1KA20	1075.-	1
	1	1	–	–	3RH1921-1KA11		1
	–	2	–	–	3RH1921-1KA02		1

Delayed actuation

Coil

Size	AC Coil (NEW)				AC/DC Conventtional Coils (Uc Coils)			
	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	23...26	■ 3RT1955-5CB318K	5335.-	1	23...26	■ 3RT1955-5AB318K	5485.-	1
	110...127	■ 3RT1955-5CF318K		1	110...127	■ 3RT1955-5AF318K		1
	220...240	■ 3RT1955-5CP318K		1	220...240	■ 3RT1955-5AP318K		1
	380...420	■ 3RT1955-5CV318K		1	380...420	■ 3RT1955-5AV318K		1
				1	500...550*	■ 3RT1955-5AS31		1
S10			7850.-	1	23...26	■ 3RT1965-5AB31	8075.-	1
	110...127	■ 3RT1965-5CF318K		1	110...127	■ 3RT1965-5AF318K		1
	220...240	■ 3RT1965-5CP318K		1	220...240	■ 3RT1965-5AP318K		1
	380...420	■ 3RT1965-5CV318K		1	380...420	■ 3RT1965-5AV318K		1
				1	500...550*	■ 3RT1965-5AS31		1
S12			14705.-	1	23...26	■ 3RT1975-5AB31	15125.-	1
	110...127	■ 3RT1975-5CF318K		1	110...127	■ 3RT1975-5AF318K		1
	220...240	■ 3RT1975-5CP318K		1	220...240	■ 3RT1975-5AP318K		1
				1	380...420	■ 3RT1975-5AV31		1
				1	500...550*	■ 3RT1975-5AS31		1

*** Specially designed coil for mining applications** *offers complete operating range from 400V to 605V AC/DC*

3RT2 (S0)

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil$ (NEW)			DC Coil@ (NEW)		
				Type	Unit LP[1)] ₹	Std. pkg. (nos.)	Type	Unit LP[1)] ₹	Std. pkg. (nos.)
3RT2 Size S0 Contactor									
S0	9	4	- 1NO + 1NC	■ 3RT2023-1A..08K	1845.-	1	■ 3RT2023-1B..08K	3030.-	1
	12	5.5	1NO + 1NC	■ 3RT2024-1A..08K	2070.-	1	■ 3RT2024-1B..08K	3355.-	1
	17	7.5	- 1NO + 1NC	■ 3RT2025-1A..08K	2410.-	1	■ 3RT2025-1B..08K	4140.-	1

$ @ Change the 10th and 11th digit of the Article No. Refer page 6 for coil codes

1) For ordering contactors (3RT2 S0) with other than coil codes mentioned in the table in Page 6, please add Rs. 230/- to the unit LP of standard contactor of the same rating. Please contact nearest sales office for other coil voltages

■ Stock items

SIEMENS

Widest Range of
Energy Efficient Contactors

When you go for Energy Efficiency improvement of your plant or a machine, just DON'T Stop at big items like Motors, HVAC etc.

Generally overlooked product like a CONTACTOR can also contribute much more, when it comes to Energy Efficiency improvement.

Explore SIRIUS Innovation Energy Efficient Contactor Portfolio

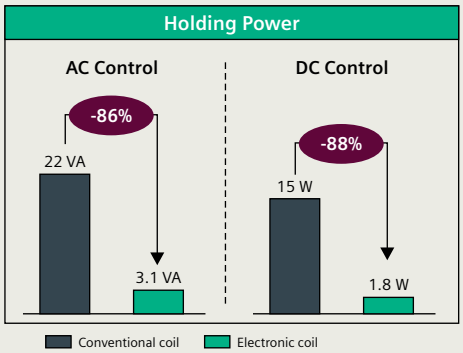
www.siemens.com/SIRIUS

SIRIUS - Energy Efficient Contactor Portfolio (9A to 500A AC-3)

Contactor coil consumes continuous power as long as in operation

3RT20 | 95A AC-3

Typical Holding Power data comparison



Contactors with Electronic coil can be upto 88% more Energy Efficient as compared to conventional AC or DC contactor

Typical Coil Consumption (Holding)

12-38A AC-3 | 3RT202.-1N..0		
	AC Control	*DC Control*
Size S0	1.9 VA	1.4 W

50-80A AC-3 | 3RT203.-1N..0		
	AC Control	*DC Control*
Size S2	2 VA	1 W

95-110A AC-3 | 3RT204.-1N..0		
	AC Control	*DC Control*
Size S3	3.1 VA	1.8 W

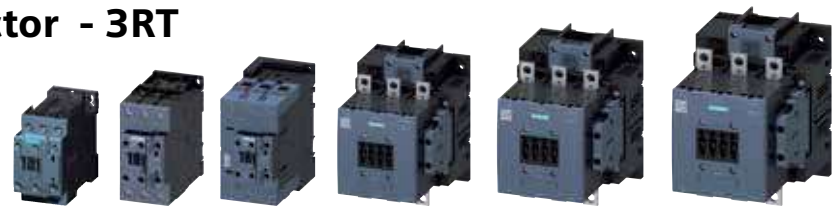
115-185A AC-3 | 3RT105.-6N.36		
	AC Control	*DC Control*
Size S6	3.5 VA	2.1 W

225-300A AC-3 | 3RT106.-6N.36		
	AC Control	*DC Control*
Size S10	5.5 VA	2.8 W

400-500A AC-3 | 3RT107.-6N.36		
	AC Control	*DC Control*
Size S12	5.6 VA	3 W

Energy Efficient Power Contactor - 3RT

(Electronic Coil - Universal AC/DC operation)



S0 S2 S3 S6 S10 S12

Screw terminals

Size	Surge Suppressor	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Extended operating range 0.7 to 1.3 x Us								
S0	Varistor integrated	9	4	1	1	3RT2023-1N..0	3735.-	1
		12	5.5	1	1	3RT2024-1N..0	4385.-	1
		17	7.5	1	1	3RT2025-1N..0	4930.-	1
		25	11	1	1	3RT2026-1N..0	6945.-	1
		32	15	1	1	3RT2027-1N..0	14210.-	1
		38	18.5	1	1	3RT2028-1N..0	16465.-	1
Extended operating range 0.8 to 1.1 x Us								
S2	Varistor integrated	50 ... 80	22 ... 37	1	1	refer page no. 6		
S3	Varistor integrated	95 ... 110	45 ... 55	1	1	refer page no. 6		
S6-12	Varistor integrated	115 ... 500	55 ... 250	2	2	refer page no. 6 & 7		

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S0

Contactor type	3RT202.-1N
Size	S0
21 ... 28 V AC/DC	B3
95 ... 130 V AC/DC	F3
200 ... 280 V AC/DC	P3

Power Contactors - 3RT20 coupling relays (PLC interface relay)

S00 S0 S2 S3

Screw terminals

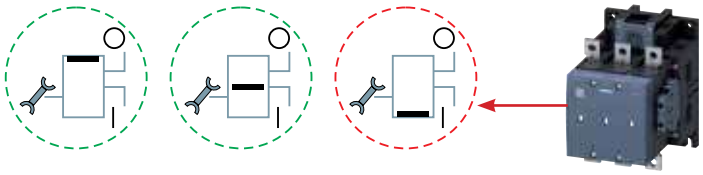
Size	Surge Suppressor	AC-3 Operational Current Ie upto 415V A	Rating of induction motor at 50 Hz and 415V	Auxiliary contacts NO	Auxiliary contacts NC	Type*	Unit LP ₹	Std. pkg. (nos.)
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding power consumption 2.8W at 24V DC								
S00	Built in suppressor Diode	7	3	1	–	3RT2015-1KB41	2625.-	1
				–	1	3RT2015-1KB42	2625.-	1
		9	4	1	–	3RT2016-1KB41	2980.-	1
				–	1	3RT2016-1KB42	2980.-	1
		12	5.5	1	–	3RT2017-1KB41	3075.-	1
				–	1	3RT2017-1KB42	3075.-	1
Rated control supply voltage Us =24 V DC, Operating range 0.7 to 1.25 x Us, Holding Power Consumption 4.5W at 24V DC								
S0	Varistor integrated	12	5.5	1	1	3RT2024-1KB40	3650.-	1
		17	7.5	1	1	3RT2025-1KB40	5575.-	1
		25	11	1	1	3RT2026-1KB40	6725.-	1
		32	15	1	1	3RT2027-1KB40	11385.-	1
Rated control supply voltage Us =24 V DC, Operating range 0.8 to 1.2 x Us, Holding Power Consumption 1W at 24V DC								
S2	Varistor integrated	50	22	1	1	3RT2036-1KB40	19280.-	1
		65	30	1	1	3RT2037-1KB40	21655.-	1
		80	37	1	1	3RT2038-1KB40	25830.-	1
Rated control supply voltage Us =24V DC, Operating range 0.8 to 1.2 x Us, Holding Power Consumption 0.9W at 24V DC								
S3	Varistor integrated	95	45	1	1	3RT2046-1KB40	32290.-	1

* For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' only for size S00, S0
Add-on Auxiliary contact blocks: S00: Not applicable, S0: Laterally mountable, S2/S3: Front and Laterally mountable

Vacuum Contactors - 3RT12

Benefits

- AC-3 electrical life expectancy of about 2.5 million operation
- Contacts in the tube will not weld. Arc contained, therefore no gas generated nor flash during operation
- No deration of rated current up to 1000V AC for 3RT12 and up to 690V AC for 3TF6
- Visual inspection window for inspection of contact erosion available for 3RT12



with universal coil (AC/DC) Coils, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) AC3 upto 415V	Type€	Unit LP ₹	Std. pkg. (nos.)
10	225	3RT1264-6A..6	159090.-	1
10	265	3RT1265-6A..6	187925.-	1
10	300	3RT1266-6A..6	205840.-	1
12	400	3RT1275-6A..6	260250.-	1
12	500	3RT1276-6A..6	338190.-	1

€ Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420

Note: Contactors with Energy Efficient coils available on request

Vacuum Contactors - 3TF6

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil				DC coil			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	381490.-	1	3NO + 3NC	3TF6833-1D..1)	426520.-	1
	820	450	4NO + 4NC	3TF6944-0C..	566795.-	1	3NO + 3NC	3TF6933-1D..1)	651470.-	1

For coil codes & foot note (1) refer page no. 35

Power Contactors - 3RT with indication of Remaining LifeTime (RLT)

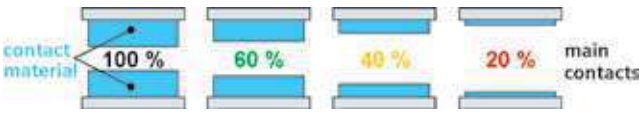
Withdrawable coils and integrated surge suppressor

Benefits

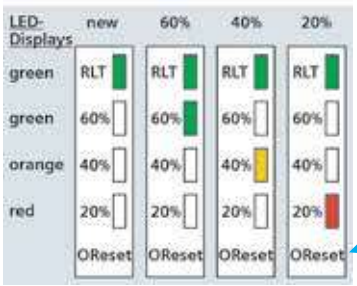
- Early warning to replace contacts
- Optimum utilization of contact material
- Visual inspection of condition of contacts no longer necessary
- Reduction of operating costs
- Optimum planning of maintenance schedules
- Avoidance of unforeseen plant downtimes

Size	AC-3 Operational Current Ie upto 415 V 1) A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	Rated control supply voltage U_s 40 to 60 Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	115	55	1NO+1NC	96...127	3RT1054-1PF35	49780.-	1
			1NO+1NC	220...277	3RT1054-1PP35	49780.-	
	150	75	1NO+1NC	96...127	3RT1055-6PF35	58060.-	1
			1NO+1NC	220...277	3RT1055-6PP35	58060.-	
	185	90	1NO+1NC	96...127	3RT1056-6PF35	68605.-	1
			1NO+1NC	220...277	3RT1056-6PP35	68605.-	
S10	225	110	1NO+1NC	96...127	3RT1064-6PF35	72675.-	1
			1NO+1NC	220...277	3RT1064-6PP35	72675.-	
	265	132	1NO+1NC	96...127	3RT1065-6PF35	85660.-	1
			1NO+1NC	220...277	3RT1065-6PP35	85660.-	
	300	160	1NO+1NC	96...127	3RT1066-6PF35	99815.-	1
			1NO+1NC	220...277	3RT1066-6PP35	99815.-	
S12	400	200	1NO+1NC	96...127	3RT1075-6PF35	113015.-	1
			1NO+1NC	220...277	3RT1075-6PP35	113015.-	
	500	250	1NO+1NC	96...127	3RT1076-6PF35	167485.-	1
			1NO+1NC	220...277	3RT1076-6PP35	167485.-	

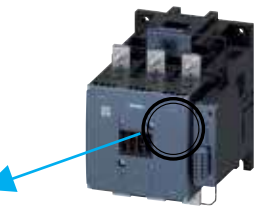
1) For size S6 to S12 size contactors, operating current Ie is valid up to 500V



LEDs on the contactor



RLT contactor



3 Pole AC1 Duty Contactors

Size	AC-1 operational current Ie upto 690V A	AC Coil$			AC/DC Coil €		
		Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S3	140	3RT2446-1A..0	23710.-	1	3RT2446-1N..0	30130.-	1

Size	AC-1 operational current Ie upto 690V A	Auxiliary Contacts	Type€	Unit LP ₹	Std. pkg. (nos.)
S6	275	2NO+2NC	3RT1456-6A..68K	57990.-	1
S10	400	2NO+2NC	3RT1466-6A..68K	79110.-	1
S12	690	2NO+2NC	3RT1476-6A..68K	164100.-	1

4 Pole Power Contactors

With 4NO main contacts

Contactor size	Rated current Ie (A) AC1, 415V	Auxiliary Contacts		AC Coil$			DC Coil@		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	–	–	3RT2316-1A..0	2765.-	1	3RT2316-1B..0	4485.-	1
	22	–	–	3RT2317-1A..0	2865.-	1	3RT2317-1B..0	4775.-	1
S0	35	1	1	3RT2325-1A..0	3190.-	1	3RT2325-1B..0	5710.-	1
	40	1	1	3RT2326-1A..0	4955.-	1	3RT2326-1B..0	8805.-	1
	50	1	1	3RT2327-1A..0	5990.-	1	3RT2327-1B..0	11215.-	1
S2	60	1	1	3RT2336-1A..0	13205.-	1	3RT2336-1N..0€	16395.-	1
	110	1	1	3RT2337-1A..0	22105.-	1	3RT2337-1N..0€	24740.-	1
S3	140	1	1	3RT2346-1A..0	24575.-	1	3RT2346-1N..0€	31775.-	1
	160	1	1	3RT2348-1A..0	28500.-	1	3RT2348-1N..0€	33775.-	1

NEW

With 4NO main contacts

Size	AC-1 operational current Ie upto 690V A	Auxiliary Contacts	Type€	Unit LP ₹	Std. pkg. (nos.)
S6	200	2NO+2NC	3RT1355-6A..6	49840.-	1
S10	275	2NO+2NC	3RT1363-6A..6	73700.-	1
	350	2NO+2NC	3RT1364-6A..6	94700.-	1
S12	400	2NO+2NC	3RT1373-6A..6	109815.-	1
	500	2NO+2NC	3RT1374-6A..6	133030.-	1
	525	2NO+2NC	3RT1375-6A..6	148425.-	1

With 2NO+2NC main contacts

size	AC-1 operational current Ie upto 415V A	Auxiliary Contacts		AC Coil$			DC Coil@		
		NO	NC	Type	Unit LP ₹	Std. pkg. (nos.)	Type	Unit LP ₹	Std. pkg. (nos.)
S00	18	–	–	3RT2516-1A..0	2925.-	1	3RT2516-1B..0	3805.-	1
	22	–	–	3RT2517-1A..0	3440.-	1	3RT2517-1B..0	5615.-	1
S0	40	1	1	3RT2526-1A..0	5785.-	1	3RT2526-1B..0	10460.-	1
S2	60	1	1	3RT2535-1A..0	15180.-	1	3RT2535-1N..0€	19815.-	1
	70	1	1	3RT2536-1A..0	19585.-	1	3RT2536-1N..0€	22485.-	1
S3	100	1	1	3RT2544-1A..0	21945.-	1	3RT2544-1N..0€	25935.-	1
	125	1	1	3RT2545-1A..0	24435.-	1	3RT2545-1N..0€	30785.-	1

Rated control supply voltage (Change of the 10th and 11th digit of the Article No.)

$ - AC operation

Contactor type	3RT23, 3RT25	3RT24
Size	S00 (50/60Hz), S0, S2, S3 (50 Hz)	S3 (50/60Hz)
24 V AC	B0	C2
110 V AC	F0	G2
230 V AC	P0	L2

@ - DC operation

Contactor type	3RT23, 3RT25
Size	S00, S0
24 V DC	B4
110 V DC	F4
220 V DC	M4

€ - Universal operation AC / DC

Contactor type	3RT23, 3RT25, 3RT24
Size	S2, S3
20 ... 33	B3
175 ... 280	P3

Contactor Type	3RT13
Size	S6, S10, S12
24 ... 60	E3
48 ... 130	F3
100 ... 250	P3
250 ... 500	R3

Contactor type	3RT 14
Size	S6, S10, S12
20 ... 26	B3
110 ... 127	F3
220 ... 240	P3

LP - List Price

SIRIUS 3RT14, 3-pole
Large Contactors for high currents

www.siemens.com/SIRIUS

NEW

Type*	Rating data		Lateral Auxiliary Contacts		Rated control supply voltage U	
	Operating Current I_e (A) AC1	Rated voltage U_e	NO	NC	V (AC 50/60 Hz)	V (DC)
3RT1481-6AF36 3RT1481-6AP36	900A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1482-6AF36 3RT1482-6AP36	1050A	1000V	2	2	100...127 200...240	100...110 200...220
3RT1483-6AP36	1260A	1000V	2	2	100...240	100...220
3RT1485-6AP36	1700A	1000V	2	2	100...240	100...220
3RT1486-6AP36	2100A	1000V	2	2	100...240	100...220
3RT1487-6AP36	2650A	1000V	2	2	100...240	100...220

*Price on request

SIEMENS

The world's first contactor with maximum benefits in safety applications!

SIRIUS Innovation contactors from size S2 to S12 (22kW to 250kW) has been now expanded to include versions suitable for direct control from fail-safe controllers and safety relays which is first of its kind in the market.

This makes it possible to attain SIL 2 and/or PL c with just one contactor and SIL 3 and/or PL e with two contactors in series according to IEC 62061 and ISO 13849-1

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Advantages at a glance

01 Digital input directly on board
First contactor with certified, digital input for activation from fail-safe or standard controllers

02 Time & Cost saving
Reduced wiring and configuration efforts
Cost optimization of additional coupling level

03 Maximum Safety level
Certified inputs enables devices to be used up to the highest safety level (SIL 3 / PLe)

04 Everything from single source
Complements safety solutions offered by the SIRIUS modular system

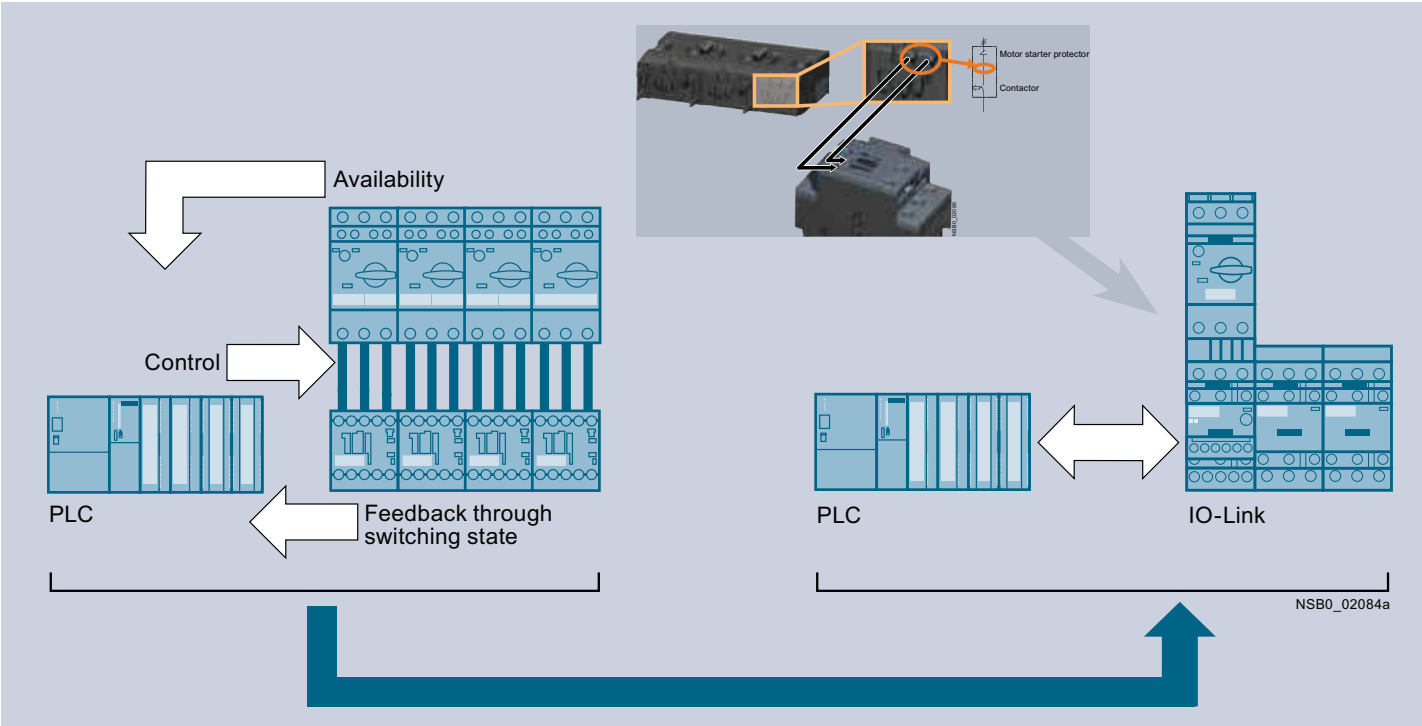
S6 S10 S12

SIRIUS Innovation Contactors with fail-safe input

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	Permanently Mounted Auxiliary Contacts	Rated control supply voltages Us AC/DC	Type	Unit LP ₹	Std Pkg. (nos.)
S6	115	55	2NO+2NC	96...127	3RT1054-6SF36-3PA0	45940.-	1
				220...227	3RT1054-6SP36-3PA0	45940.-	
	150	75	2NO+2NC	96...127	3RT1055-6SF36-3PA0	56035.-	1
				220...227	3RT1055-6SP36-3PA0	56035.-	
	185	90	2NO+2NC	96...127	3RT1056-6SF36-3PA0	65850.-	1
				220...227	3RT1056-6SP36-3PA0	65850.-	
S10	225	110	2NO+2NC	96...127	3RT1064-6SF36-3PA0	72350.-	1
				220...227	3RT1064-6SP36-3PA0	72350.-	
	265	132	2NO+2NC	96...127	3RT1065-6SF36-3PA0	86215.-	1
				220...227	3RT1065-6SP36-3PA0	86215.-	
	300	160	2NO+2NC	96...127	3RT1066-6SF36-3PA0	99605.-	1
				220...227	3RT1066-6SP36-3PA0	99605.-	
S12	400	200	2NO+2NC	96...127	3RT1075-6SF36-3PA0	114735.-	1
				220...227	3RT1075-6SP36-3PA0	114735.-	
	500	250	2NO+2NC	96...127	3RT1076-6SF36-3PA0	163930.-	1
				220...227	3RT1076-6SP36-3PA0	163930.-	

For S2 and S3 Contactors please get in touch with your nearest sales office

Communication capable Power Contactors



Rated control supply voltage **Us = 24 V DC**
Screw terminals

Size	AC-3 Operational Current Ie upto 415V A	Motor rating at 415V, 50 Hz kW	Auxiliary contacts	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	1NO	3RT2015-1BB41-0CC0	2770.-	1
			1NC	3RT2015-1BB42-0CC0		
	9	4	1NO	3RT2016-1BB41-0CC0	3020.-	1
			1NC	3RT2016-1BB42-0CC0		
	12	5.5	1NO	3RT2017-1BB41-0CC0	3470.-	1
			1NC	3RT2017-1BB42-0CC0		
	16	7.5	1NO	3RT2018-1BB41-0CC0	4110.-	1
			1NC	3RT2018-1BB42-0CC0		
S0	9	4	1NO + 1NC	3RT2023-1BB40-0CC0	3680.-	1
	12	5.5	1NO + 1NC	3RT2024-1BB40-0CC0	4045.-	1
	17	7.5	1NO + 1NC	3RT2025-1BB40-0CC0	5665.-	1
	25	11	1NO + 1NC	3RT2026-1BB40-0CC0	6850.-	1
	32	15	1NO + 1NC	3RT2027-1BB40-0CC0	11460.-	1
	38	18.5	1NO + 1NC	3RT2028-1BB40-0CC0	15840.-	1
S2	50	22	1NO + 1NC	3RT2036-1NB30-0CC0€	19280.-	1
	65	30	1NO + 1NC	3RT2037-1NB30-0CC0€	21720.-	1
	80	37	1NO + 1NC	3RT2038-1NB30-0CC0€	26370.-	1
S3	95	45	1NO + 1NC	3RT2046-1NB30-0CC0€	34445.-	1
	110	55	1NO + 1NC	3RT2047-1NB30-0CC0€	43630.-	1

*For ordering contactors with spring type terminals, please replace 8th digit from '1' to '2' for S00, S0
€ - Universal operation 20...33V AC / DC

Solid state switching devices - 3RF

Solid state contactless switching for application requiring frequent switching

- Compact 22.5mm design with built in LED & finger touch proof protection
- Blocking voltage 1200V
- Main voltage 48-460V AC
- Control voltage 4-30V DC
- Zero point switching

Rated current AC51 (max)	Type	Unit LP ₹	Std. pkg. (kits)
20	3RF2120-1AA45$	3100.-	1
30	3RF2130-1AA45$	4795.-	1
50	3RF2150-1AA45$	7975.-	1
70	3RF2170-1AA45$	9255.-	1
90	3RF2190-1AA45$	11450.-	1

$ To be used along with suitable heatsink, other voltages upon enquiry

Contact your nearest Siemens partner to know more about

- 3RF20 solid state relays with 45mm design for resistive loads
- 3RF23 single phase solid state contactors with built in heatsink for resistive/inductive loads
- 3RF24 three phase solid state contactors with built-in heat sink for resistor loads upto 50A
- Add on function modules to achieve extended functionality

Accessories for 3RH2 & 3RT2 Contactors (S00 / S0 / S2 / S3)

Auxiliary Contact Blocks (S00 / S0 / S2 / S3)

for snapping onto the front

For	NO	NC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2 / S3	1	–	3RH2911-1HA10	340.-	1
	–	1	3RH2911-1HA01		1
	2	–	3RH2911-1HA20	475.-	1
	1	1	3RH2911-1HA11		1
	–	2	3RH2911-1HA02		1
	2	2	3RH2911-1HA22	845.-	1
	3	1	3RH2911-1HA31		1
	4	–	3RH2911-1FA40		1

* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

Laterally mountable auxiliary switch blocks on left and / or right

For	NO	NC	Type*1)	Unit LP ₹	Std. pkg. (nos.)
S00 / S0 / S2 / S3	–	2	3RH2921-1DA02	1010.-	1
	1	1	3RH2921-1DA11		1
	2	–	3RH2921-1DA20		1

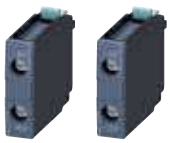
* For ordering auxiliary contact blocks with Spring type terminals, please replace 8th digit from '1' to '2'

1) Only left side mounting possible for 3RH2 contactor relays

Accessories for 3 Pole 3RT1 Contactors (S6 - S12)

Auxiliary Contact Blocks (S6 - S12)

Size	NO	NC	#NO	#NC	Type	Unit LP ₹	Std. pkg. (nos.)
1 Pole Front mounted Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	1	–	–	–	3RH1921-1CA10	255.-	10
	–	1	–	–	3RH1921-1CA01		10
	–	–	1	–	3RH1921-1CD10	500.-	10
	–	–	–	1	3RH1921-1CD01		10
2 Pole First Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1EA20	1075.-	1
	1	1	–	–	3RH1921-1EA11		1
	–	2	–	–	3RH1921-1EA02		1
2 Pole Second Laterally mountable Auxiliary Contact blocks S6 - S12 (3RT1.5 ... 3RT1.7)							
S6 - S12	2	–	–	–	3RH1921-1KA20	1075.-	1
	1	1	–	–	3RH1921-1KA11		1
	–	2	–	–	3RH1921-1KA02		1



Delayed actuation

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Surge suppressors

Screw and spring terminals

Size	For Contactor	Version	AC Operation Rated control supply voltage (U_s) V AC	DC Operation Rated control supply voltage (U_s) V DC	Type	Unit LP ₹	Std. pkg. (nos.)
for 3RH2 & 3RT2 Size S00							
S00	3RT2.1 & 3RH2.	Varistors (with LED)	24 ... 48	12 ...24	■ 3RT2916-1JJ00	770.-	1
			48 ... 127	24 ... 70	■ 3RT2916-1JK00		1
			127 ... 240	70 ... 150	■ 3RT2916-1JL00		1
			--	150 ... 250	3RT2916-1JP00		1
		RC Elements	24 ... 48	24 ... 70	3RT2916-1CB00		1
			48 ... 127	70 ... 150	3RT2916-1CC00		1
			127 ... 240	150 ... 250	3RT2916-1CD00		1
		Diode assemblies	--	12 ...250	3RT2916-1EH00		1
		Diode with LED	--	24 ... 70	3RT2916-1LM00		1
		Additional load modules	180 ... 255	--	3RT2916-1GA00		1
for 3RT2 Size S0							
S0	3RT2.2	Varistors	24 ... 48	24 ... 70	■ 3RT2926-1BB00	1020.-	1
			48 ... 127	70 ... 150	■ 3RT2926-1BC00		1
			127 ... 240	150 ... 250	■ 3RT2926-1BD00		1
			240 ... 400	--	■ 3RT2926-1BE00		1
		RC Elements	24 ... 48	24 ... 70	3RT2926-1CB00		1
			48 ... 127	70 ... 150	3RT2926-1CC00		1
			127 ... 240	150 ... 250	3RT2926-1CD00		1
			240 ... 400	--	3RT2926-1CE00		1
		Diode assemblies	--	24	3RT2926-1ER00		1
			--	30 ... 250	3RT2926-1ES00		1
		Varistor with LED	127 ... 240	70 ... 150	3RT2926-1JL00		1
for 3RT2 Size S2 & S3							
S2, S3	3RT2.3 3RT2.4	Varistors[1)]	24 ... 48	--	■ 3RT2936-1BB00	1200.-	1
			48 ... 127	--	■ 3RT2936-1BC00		1
			127 ... 240	--	■ 3RT2936-1BD00		1
			240 ... 400	--	■ 3RT2936-1BE00		1
			400 ... 600	--	3RT2936-1BF00		1
		Diode assemblies	--	24	3RT2936-1ER00		1
			--	30 ... 250	3RT2936-1ES00		1
		Varistors with LED	127... 240	70 ... 150	3RT2936-1JL00		1
for 3RT2 Size S2 - RC Element							
S2	3RT2.3	RC Elements	24 ... 48	24 ... 70	3RT2936-1CB00	1200.-	1
			48 ... 127	70 ... 150	3RT2936-1CC00		1
			127 ... 240	150 ... 250	3RT2936-1CD00		1
			240 ... 400	--	3RT2936-1CE00		1
for 3RT2 Size S3 - RC Element							
S3	3RT2.4	RC Elements	24 ... 48	24 ... 70	3RT2946-1CB00	1200.-	1
			48 ... 127	70 ... 150	3RT2946-1CC00		1
			127 ... 240	150 ... 250	3RT2946-1CD00		1
			240 ... 400	--	3RT2946-1CE00		1

1) In 3RT2 universal coil varistor is in-built

Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00, S0, S2, S3	3RT2 & 3RH2[@]	3RT2916-4MA10	245.-	1 pack = 5 units

@ Exception: Contactors and contactor relays auxiliary switch block mounted onto the front

Safety main current connectors for 2 contactors

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT2	3RA2916-1A	1570.-	1
S0		3RA2926-1A		1
S2		3RA2936-1A		1

■ Stock items

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Coil terminal modules for S0, S2, S3

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Connection from top	3RT2	3RT2926-4RA11	445.-	1
Connection from below		3RT2926-4RB11		1
Connection diagonally		3RT2926-4RC11		1

Coupling links for control by PLC

for mounting onto the coil terminals of the contactors

Size	For Contactor	Mounting	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	onto the coil terminals of the contactors	3RH2924-1GP11	2380.-	1
S00, S0, S2, S3	3RT2	onto the contactors	3RH2914-1GP11	2435.-	1

LED modules for indicating the contactor function

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S00 - S3	3RT2	3RT2926-1QT00	810.-	1 pack = 5 units

Links for paralleling

Size	For Contactor	Version	Max. Conductor cross-sections mm²	Type	Unit LP ₹	Std. pkg. (nos.)
S00	3RT20 1	3-Pole with connection terminal	25 (stranded)	3RT1916-4BB31	540.-	1
S0	3RT20 2		50 (stranded)	3RT2926-4BB31	920.-	1
S2	3RT20 3		120 (stranded)	3RT1936-4BB31	1070.-	1
S3	3RT20 4		185 (stranded)	3RT1946-4BB31	2940.-	1
S00	3RT23 1 & 3RT25 1	4-Pole with connection terminal	25 (stranded)	3RT1916-4BB41	810.-	1

Screw adapters for easy screw fixing

2 units required per contactor

Size	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT1926-4P	35.-	1 pack = 10 units

OFF-Delay Devices

Size	Rated control supply voltage U_s V	Type	Unit LP ₹	Std. pkg. (nos.)
3RT2. 1, 3RT2. 2, 3RH2. . .-1BF40	110 AC/DC	3RT2916-2BK01	5415.-	1
3RT2. 1, 3RT2. 2, 3RH2. . .-1BM40	220 / 230 AC/DC	3RT2916-2BL01		1
3RT2. 1, 3RT2. 2, 3RH2. . .-1BB40	24 DC	3RT2916-2BE01		1

Mechanical latching blocks

Size	For Contactor	Rated control supply voltage U_s V	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT2.2	24 AC/DC	3RT2926-3AB31	3445.-	1
		110 AC/DC	3RT2926-3AF31		1
		230 AC/DC	3RT2926-3AP31		1

Accessories for 3RT2 and 3RH2 Contactors (S00, S0, S2, S3)

Solid state timer block

for snapping onto the front (S00, S0, S2, S3)

Function	For contactors	Auxiliary contacts	Rated control supply voltage U_s 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	1CO	24 ... 240 VAC/DC	0.05 ... 100	**3RA2813-1AW10**	**5390.-**	**1**
		1NO + 1NC			**3RA2813-1FW10**		**1**
OFF-Delay without auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	**3RA2815-1AW10**	**6435.-**	**1**
		1NO + 1NC			**3RA2815-1FW10**		**1**
OFF-Delay with auxiliary voltage (Varistor integrated)		1CO	24 ... 240 VAC/DC	0.05 ... 100	**3RA2814-1AW10**	**7320.-**	**1**
		1NO + 1NC			**3RA2814-1FW10**		**1**

Solid state timer block with semiconductor output

for snapping onto the front (S00, S0)

Function	For contactors#	Auxiliary contacts	Rated control supply voltage U_s 50/60 Hz V	Time setting range t Sec	Type*	Unit LP ₹	Std. pkg. (nos.)
On-Delay (Varistor integrated)	3RT2 3RH21 3RH24	–	24 ... 240 VAC/DC	0.05 ... 100	**3RA2811-1CW10**	**5865.-**	**1**
OFF-Delay with auxiliary voltage		–	24 ... 240 VAC/DC	0.05 ... 100	**3RA2812-1DW10**	**6910.-**	**1**

Cannot be fitted onto coupling relays. Also available for 3RT2 S2 & S3 on request

Version	SIRIUS function modules		SIRIUS function modules for IO-Link		SIRIUS function modules for AS-Interface	
	A	Unit LP ₹	B	Unit LP ₹	C	Unit LP ₹
Direct on line starting (S00, S0, S2, S3)	*Pls refer above table for type reference **(Solid state timer block with semiconductor output)**		**3RA2711-1AA00***	**5640.-**	**3RA2712-1AA00***	**6205.-**
Reversing starting (S00, S0, S2, S3)	for complete feeder refer page no. 23-24		**3RA2711-1BA00***	**10635.-**	**3RA2712-1BA00***	**11695.-**
Star delta starting (S00, S0, S2, S3)	**3RA2816-0EW20**	**11150.-**	**3RA2711-1CA00***	**16465.-**	**3RA2712-1CA00***	**18165.-**

*For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Surge Suppressor for 3Pole 3RT1 (S6..S12)

Size	Version	AC Operation	DC Operation	Type	Unit LP ₹	Std. pkg. (nos.)
		Rated control supply voltage (U_s)				
		V AC	V DC			
S6, S10, S12	**RC Elements***	24 ... 48	24 ... 70	**3RT1956-1CB00**	**2085.-**	**1**
		48 ... 127	70 ... 150	**3RT1956-1CC00**		**1**
		127 ... 240	150 ... 250	**3RT1956-1CD00**		**1**
		240 ... 400	–	**3RT1956-1CE00**		**1**
		400 ... 600	–	**3RT1956-1CF00**		**1**

Contactor coils (Size S6 to S12) comes with in-built varistor
* for connecting to with-drawable coils with screw terminal type connection

Box terminal blocks

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT105	For round and ribbon cables (Upto 70 mm^2)	**3RT1955-4G**	**2005.-**	**1**
		For round and ribbon cables (Upto 120 mm^2)	**3RT1956-4G**	**2840.-**	**1**
		Auxiliary conductor connection for box terminals	**3TX7500-0A**	**1115.-**	**1**
S10 / S12	3RT106 & 3RT107	Upto 240 mm^2 with auxiliary conductor connection	**3RT1966-4G**	**8030.-**	**1**

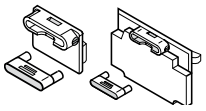
Covers

Terminal covers for box terminals

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3 Pole	**3RT2946-4EA2**	**665.-**	**1**
S6	3RT105	Length of 25 mm	**3RT1956-4EA2**	**1070.-**	**1**
S10 / S12	3RT106 & 3RT107	Length of 30 mm	**3RT1966-4EA2**	**1885.-**	**1**
Terminal covers for cable lugs and busbar connection					
S3	3RT204	Length of 55 mm	**3RT1946-4EA1**	**955.-**	**1**
S6	3RT105	Length of 100 mm	**3RT1956-4EA1**	**1830.-**	**1**
S10 / S12	3RT106 & 3RT107	Length of 120 mm	**3RT1966-4EA1**	**2415.-**	**1**
Busbar cover between contactor and 3RB2 overload relay or wiring module for contactor assemblies					
S10 / S12	3RT106 & 3RT107	Length of 42 mm	**3RT1966-4EA3**	**1605.-**	**1**
For busbar cover of the flat line connectors for reversing and wye-delta assemblies					
S6	3RT105	Length of 38 mm	**3RT1956-4EA4**	**1475.-**	**1**

Sealable Covers

Size	For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S6, S10, S12	**3RT105, 3RT106 & 3RT107**	**3RT1926-4MA10**	**110.-**	**1 pack = 5 units**



Accessories for 3 Pole, 3RT2 & 3RT1 Contactors

Links for paralleling

Size	For Contactor	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT204	3-Pole with through hole (Star Jumpers)	3RT1946-4BB31	2940.-	1
S6	3RT1		3RT1956-4BA31	1605.-	1
S10 / S12	3RT1		3RT1966-4BA31	2140.-	1

Accessories for 3RT12

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Line voltage surge suppressors			
upto 690V AC	3RT1966-1PV3	9595.-	1
upto 1000V AC	3RT1966-1PV4	14020.-	1
Auxiliary contact blocks			
second, 2NO	3RH1921-1KA20	1075.-	1
second, 1NO+1NC	3RH1921-1KA11		1
second, 2NC	3RH1921-1KA02		1
Mechanical interlock mechanism	3RA1954-2A	3065.-	1
Coil surge suppressor			
RC element, for 110V-127V coil	3RT1956-1CC00	2085.-	1
RC element, for 220V-240V coil	3RT1956-1CD00		1

Accessories for 4 Pole Contactor - 3RT23 / 3RT13

Mechanical interlock for 3RT23

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S00-S00	3RA2912-2H	Mechanical interlock & 2 Connecting Clips	535.-	1
S0-S0	3RA2922-2H	Mechanical interlock & 2 Connecting Clips	535.-	1
S2-S2[1)]	3RA2934-2B	Mechanical interlock	605.-	1
	3RA2932-2G	2x Connecting Clips	295.-	10
S3-S3[1)]	3RA2934-2B	Mechanical interlock	605.-	1
	3RA2942-2G	2x Connecting Clips	340.-	10

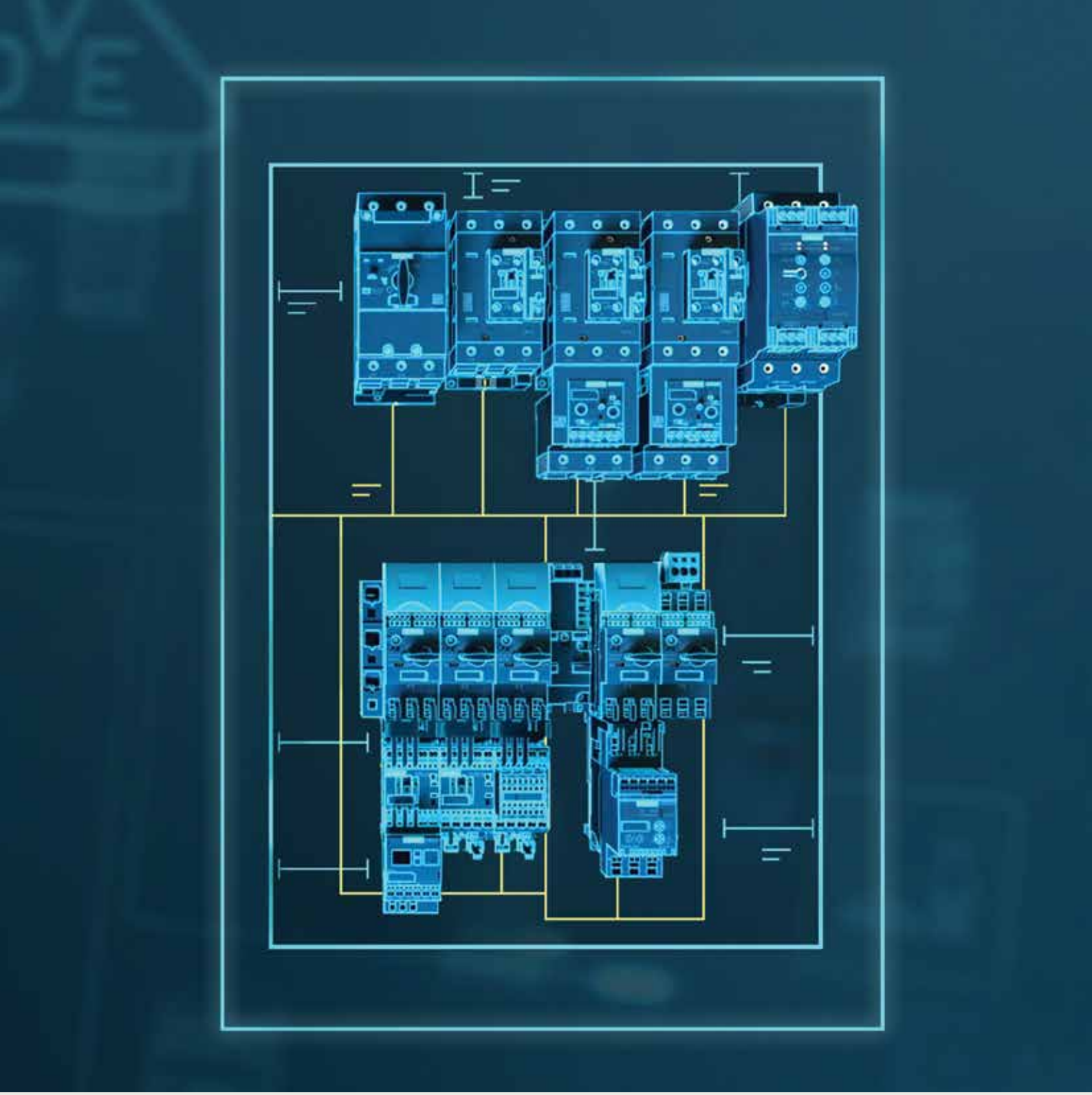
1) for 3RT23 S2 & S3 reversing combination both Mechanical interlock & 2x Connecting Clips need to be ordered

Mechanical interlock for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6-S6	3RA1954-3A	Mechanical interlock for 3RT13	3065.-	1
S10-S10				
S12-S12				

Terminal Covers for 3RT13

Contactor size	Type	Description	Unit LP ₹	Std. pkg. (nos.)
S6	3RT1956-4EB10	for 3RT135..	2705.-	1
S10	3RT1966-4EB10	for 3RT136..		
S12	3RT1976-4EB10	for 3RT13..		



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more space using compact switching devices

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SIEMENS

3RA Load Feeders

Direct On-Line Starters

For snapping onto standard mounting rails or for screw mounting

Size of MPCB / contactor	MPCB	+	Contactor	+	Link module	+	Standard mounting rail adaptor	Final Assembled Unit
S00 / S00	3RV2	+	3RT2 AC and DC coil	+	3RA1921-1DA00	+	Not required	
(S00, S0) / S0	3RV2	+	3RT2 AC coil DC coil	+	3RA2921-1AA00 3RA2921-1BA00	+	Not required	
S2 / S2	3RV2	+	3RT2 AC and DC coil	+	3RA2931-1AA00	+	3RA2932-1AA00 (Optional)	
S3 / S3	3RV2	+	3RT2 AC and DC coil	+	3RA1941-1AA00	+	3RA2942-1AA00	

Link modules, single-unit packaging – For mechanical and electrical connection between contactor and motor protection circuit-breaker with screw terminals

Method of operation	Size of contactor	Size of MPCB	Type	Unit LP ₹	Std. pkg. (nos.)
AC/DC	S00	S00	**3RA1921-1DA00**	**565.-**	**1**
	S2	S2	**3RA2931-1AA00**	**1860.-**	**1**
	S3	S3	**3RA1941-1AA00**	**1910.-**	**1**
AC	S0	S00/S0	**3RA2921-1AA00**	**565.-**	**1**
DC	S0	S00/S0	**3RA2921-1BA00**	**565.-**	**1**

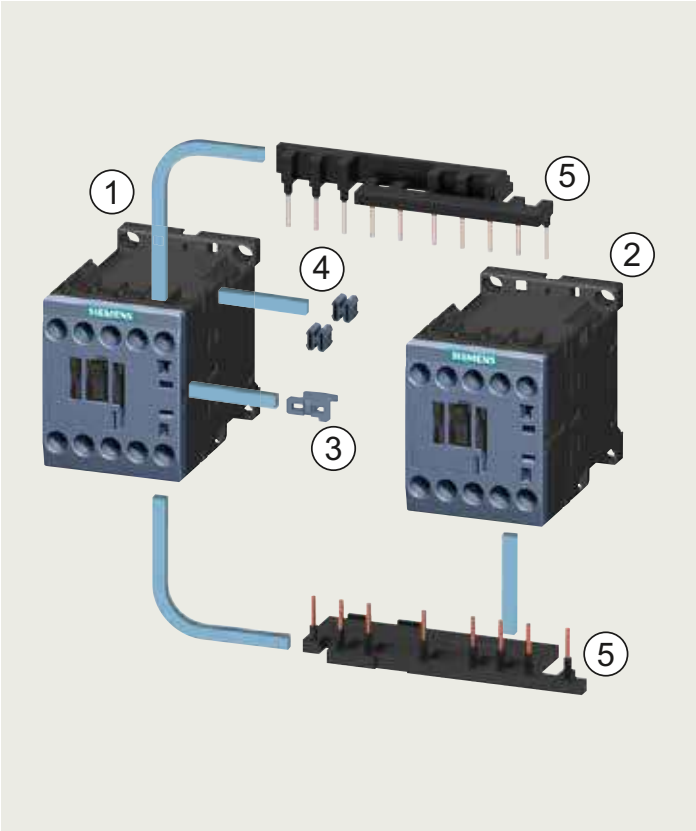
Standard mounting rail adaptor

Size of MPCB	Size of contactor	Type	Unit LP ₹	Std. pkg. (nos.)
S2	S2	**3RA2932-1AA00**	**1930.-**	**1**
S3	S3	**3RA2942-1AA00**	**2645.-**	**1**

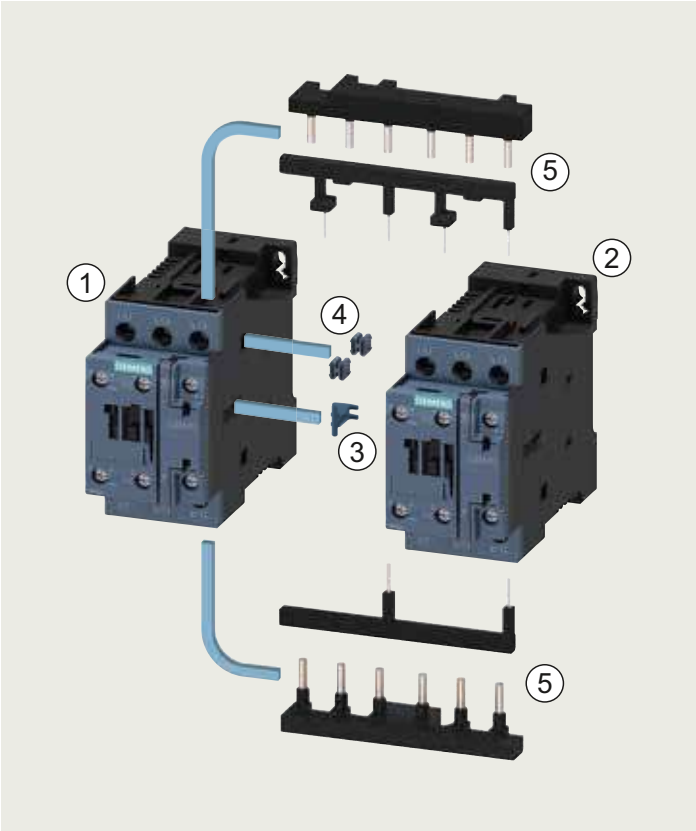
Accessories for 3RT2 Contactors

S00, S0 - Mechanical Interlock & Installation kit for reversing contactors

S00 - S00



S0 - S0



Individual Components

① ② Power Contactor Size S00 - S00 or S0 - S0
③ Lateral mounted mechanical interlock
④ 2 Nos Connecting clips for two contactors
⑤ Wiring modules on the top & bottom

S. No.	Description	Contactor Size	Type*	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3, 4, 5	Assembly Kit Each kit contains: Mechanical interlock, 2 Connecting clips for 2 contactors, wiring modules on the top & bottom	S00-S00	3RA2913-2AA1	1085.-	1 Unit
		S0-S0	3RA2923-2AA1	1625.-	
3, 4	Each set contains: Mechanical interlock & 2 Connecting clips	S00-S00	3RA2912-2H	535.-	1 pack (1 pack = 10 Sets)
		S0-S0	3RA2922-2H	535.-	

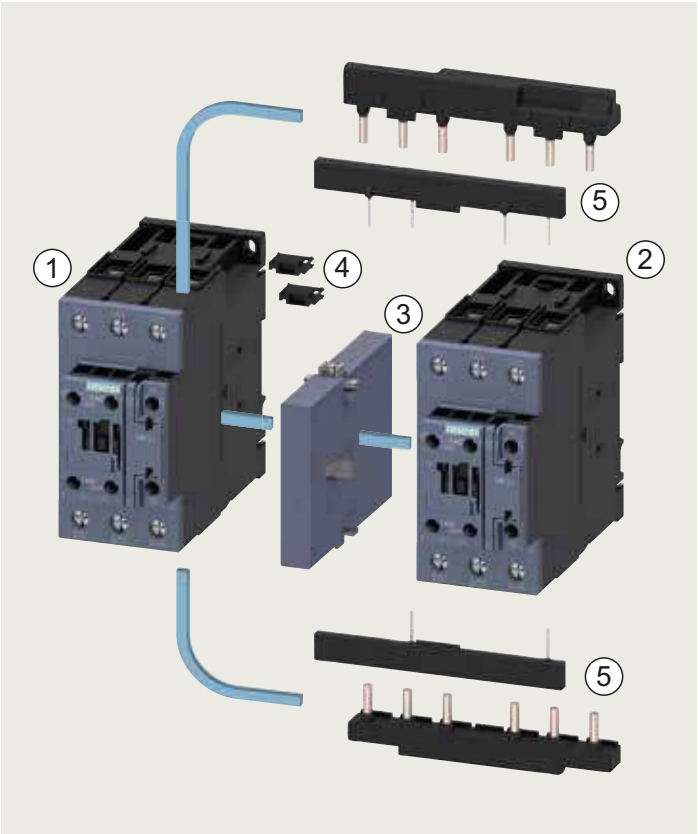
* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'

3, 4, 5

3, 4

Accessories for 3RT2 Contactors

S2 - S2 or S3 - S3 - Mechanical Interlock & Assembly kit for reversing contactors



Individual Components

① ② Power Contactor Size S2 - S2 or S3 - S3
③ Lateral mounted mechanical interlock
④ 2 Nos Connecting clips for two contactors
⑤ Wiring modules on the top & bottom

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
4, 5	Assembly Kit Each kit contains: • Two connecting clips for two contactor • Wiring modules on the top & bottom for connecting the main and auxiliary current paths	S2 - S2	3RA2933-2AA1	1795.-	1 Unit
		S3 - S3	3RA2943-2AA1	3590.-	1 Unit
3	Mechanical interlock	S2 - S2	3RA2934-2B	605.-	1 Unit
		S3 - S3			
4	Connecting Clips for 3Pole Contactors Two connectors for two contactors	S2 - S2	3RA2932-2C	295.-	10 Unit
		S3 - S3	3RA2932-2D	295.-	

* Assembly kit only available for 3 Pole contactors only

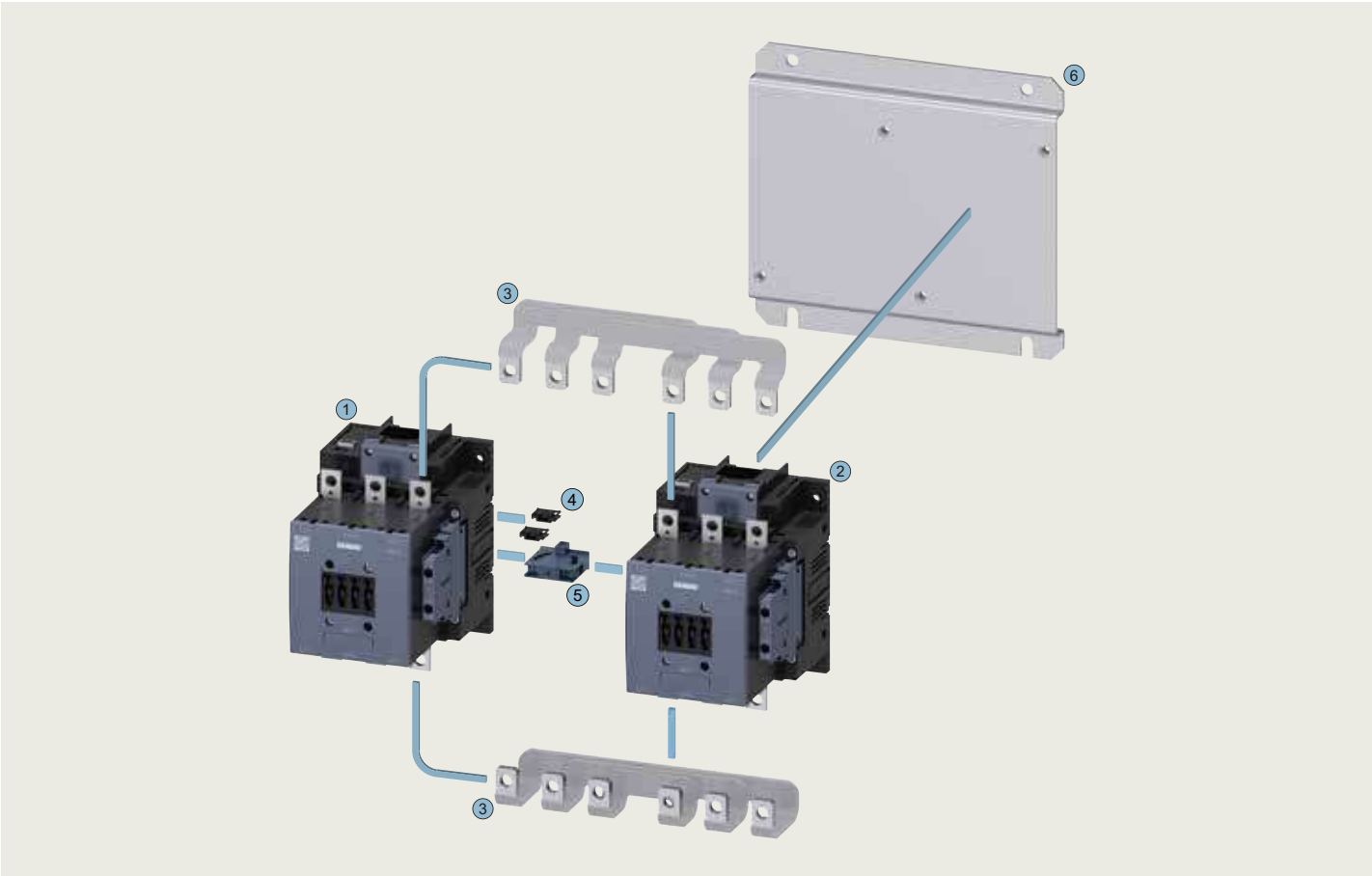
4, 5

3

4

Accessories for 3RT1 Contactors

S6 - S6 - Mechanical Interlock & Installation kit for reversing contactors



Individual Components

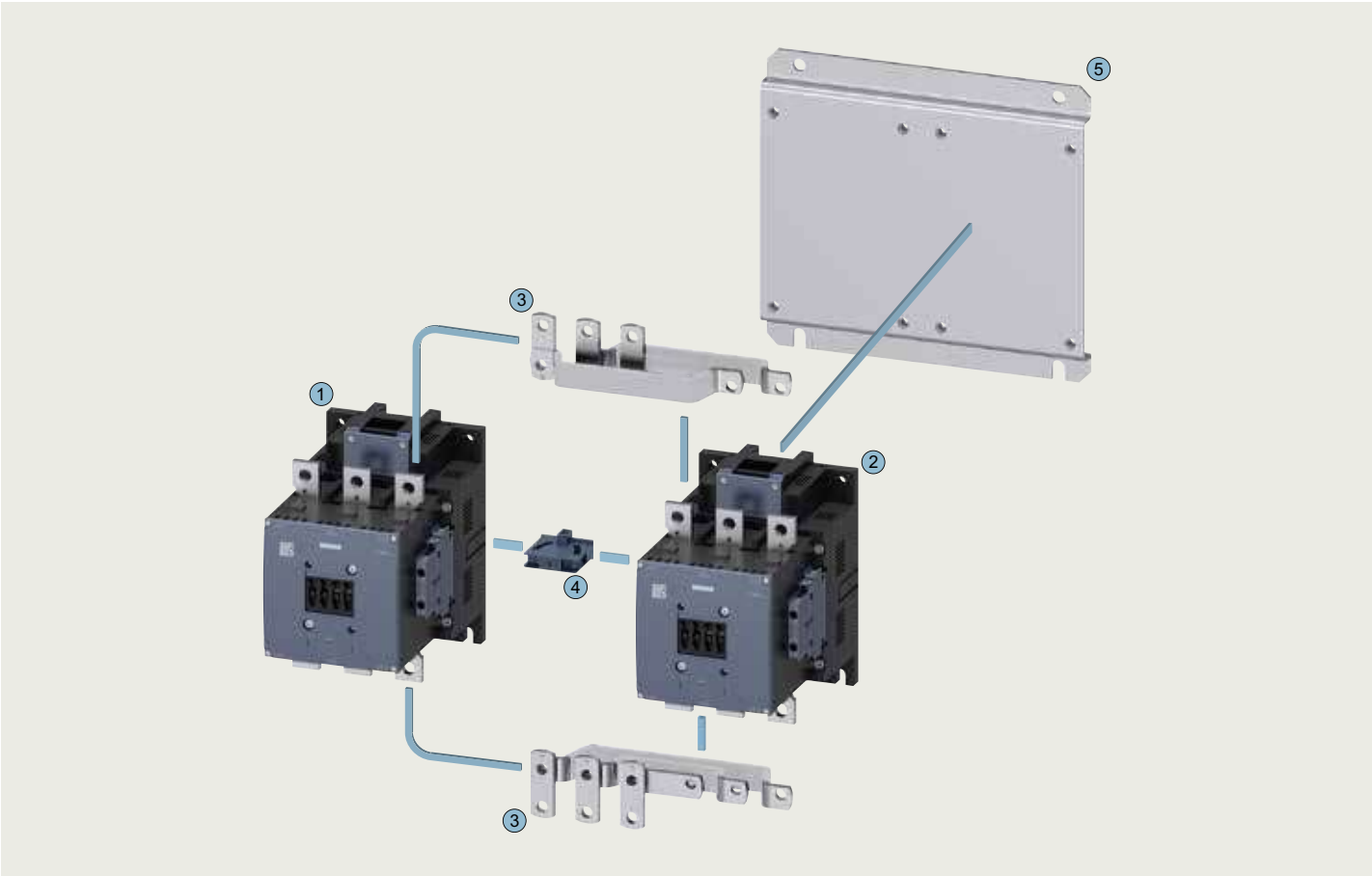
① ② Power Contactor Size S6 - S6
③ Assembly Kit
④ Two connectors for two contactors
⑤ Mechanical interlock
⑥ Base plate for reversing contactor assemblies

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	Assembly Kit Each kit contains: • Wiring modules on the top & bottom for contactors without box terminals for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S6 - S6	3RA1953-2A	24800.-	1 Unit
4	Two connectors for two contactors	S6 - S6	3RA1932-2D	285.-	1 Pack (1 pack = 10 sets)
5	Mechanical interlock	S6 - S6	3RA1954-2A	3065.-	1 Unit
6	Base plate for reversing contactor assemblies	S6 - S6	3RA1952-2A	4630.-	1 Unit

■ **Stock items**

Accessories for 3RT1 Contactors

S10 - S10 or S12 - S12 - Mechanical Interlock & Installation kit for reversing contactors



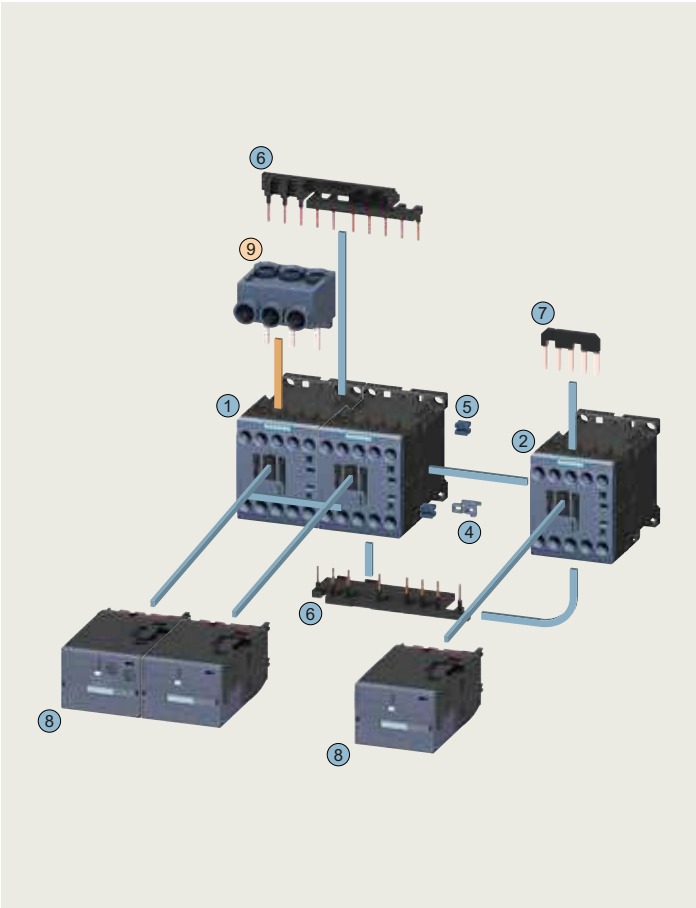
Individual Components

① ② Power Contactor Size S10 - S10 or S12 - S12
③ Assembly Kit
④ Mechanical interlock
⑤ Base plate for reversing contactor assemblies

S. No.	Description	Contactor Size	Type	Unit LP ₹ (per unit / set)	Std. pkg. (nos.)
3	Assembly Kit Each kit contains: • Wiring modules on the top & bottom for contactors without box terminals for connecting the main and auxiliary current paths, electrical interlock included (NC Contact interlock)	S10 - S10	3RA1963-2A	26445.-	1 Unit
		S12 - S12	3RA1973-2A	28105.-	1 Unit
4	Mechanical interlock	S10 - S10	3RA1954-2A	3065.-	1 Unit
		S12 - S12			
5	Base plate for reversing contactor assemblies	S10 - S10	3RA1962-2A	6950.-	1 Unit
		S12 - S12	3RA1972-2A	8105.-	1 Unit

Accessories for 3RT2 Contactors

S00-S00-S00 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

① ② ③ Power Contactors:
Line: S00
Delta: S00
Star: S00

Assembly kit : ④ ... ⑦

④ Mechanical interlock

⑤ 4 Nos Connecting clips for contactors

⑥ Wiring modules on the top & bottom for connecting the main and the control path

⑦ Star Jumper

⑧ Function Module for Star-Delta

⑨ 3-phase feeder terminal

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 1	Assembly Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ **3RA2913-2BB1***	**1110.-**	**1 Unit**
8	3RT20 1	Function module	■ **3RA2816-0EW20**	**11150.-**	**1 Unit**
9	3RT20 1	3-phase feeder terminal (for Screw type contactors only)	■ **3RA2913-3K**	**805.-**	**5 Unit**

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'

4...7

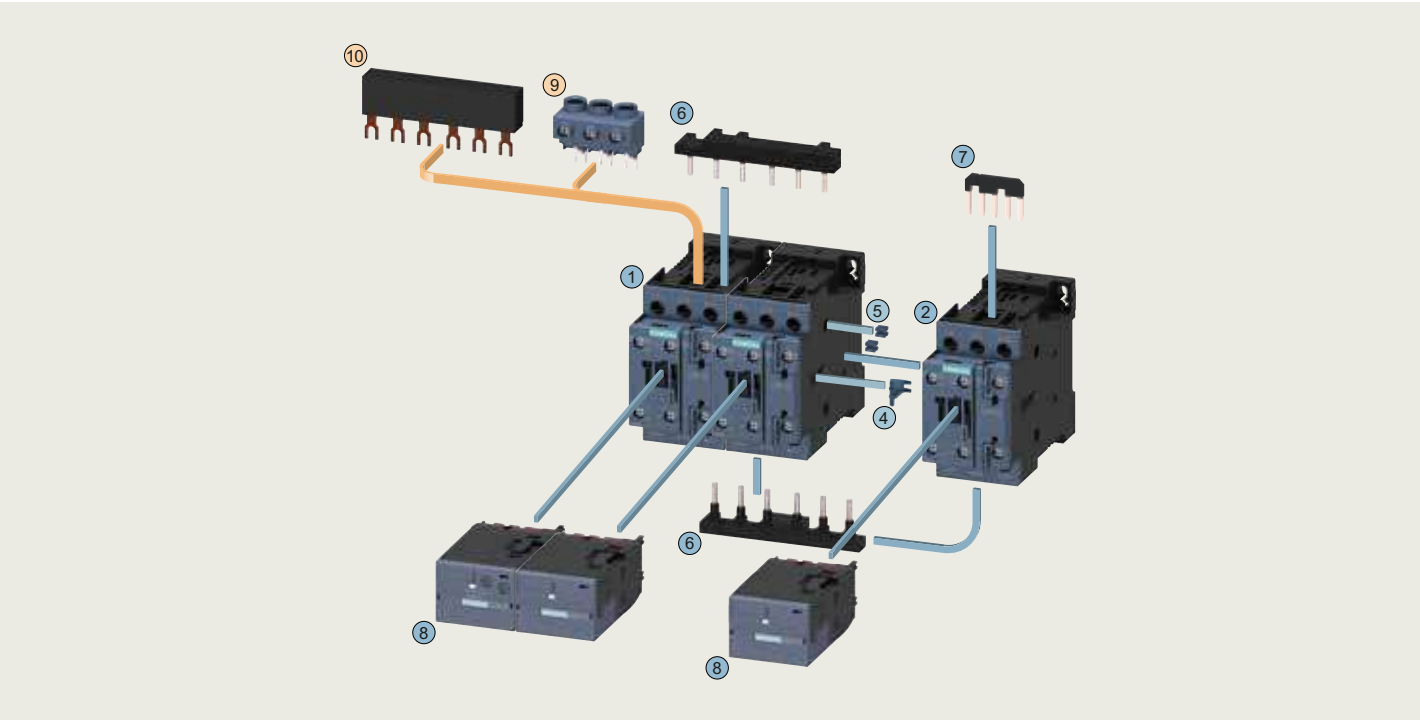
8

9

■ **Stock items**

Accessories for 3RT2 Contactors

S0-S0-S0 - Mechanical Interlock & Installation kit for star delta contactor assembly



Individual Components

① ② ③ Power Contactors:
Line: S0
Delta: S0
Star: S0

Assembly kit : ④ ... ⑦

④ Mechanical interlock

⑤ 4 Nos Connecting clips for contactors

⑥ Wiring modules on the top & bottom for connecting the main and the control path

⑦ Star Jumper

⑧ Function Module for Star-Delta

⑨ 3-phase feeder terminal

⑩ 3-phase busbar

S. No.	For Contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
4...7	3RT20 2	Installation Kit Each kit contains: Mechanical interlock 4 Connecting clips, wiring modules on the top & bottom, Star jumper	■ **3RA2923-2BB1***	**1770.-**	**1 Unit**
8	3RT20 2	Function module	■ **3RA2816-0EW20**	**11150.-**	**1 Unit**
9	3RT20 2	3-phase feeder terminal (for Screw type contactors only)	■ **3RV2925-5AB**	**1845.-**	**1 Unit**
10	3RT20 2	3-phase busbar (for Screw type contactors only)	■ **3RV1915-1AB**	**1560.-**	**1 Unit**

* For ordering installation kit with spring type terminals please replace last digit from '1' to '2'

4...7

8

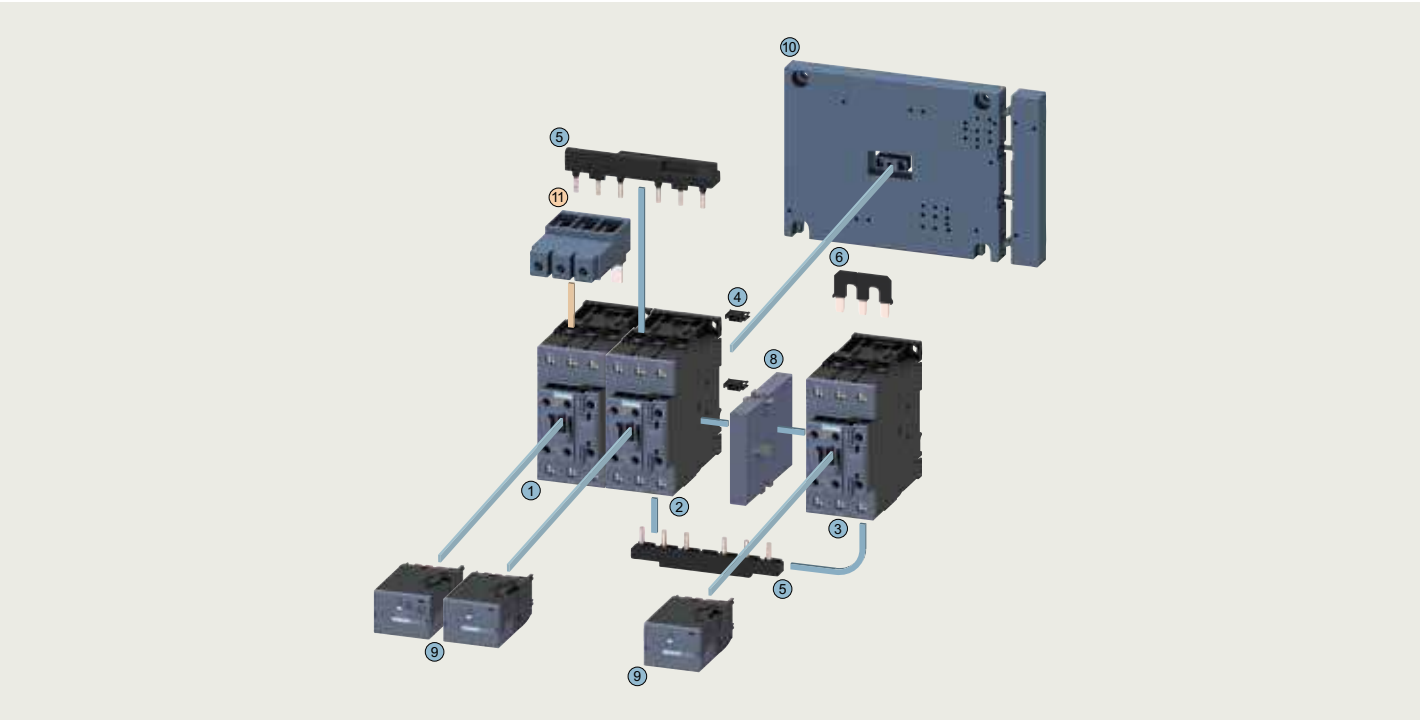
9

10

■ **Stock items**

Accessories for 3RT2 Contactors

S2-S2-S0/S2 - Mechanical Interlock & Installation kit for star delta contactor assembly



The figure shows the version with screw terminals in S2-S2-S2

Individual Components

① ② ③ Contactors

④ … ⑦ Assembly kit comprising:
S2-S2-S2: 3RA2933-2BB1
S2-S2-S0: 3RA2933-2C

④ Connectors for three contactors

⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits

⑥ Star jumper

⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)

⑧ Mechanical interlock

⑨ Function modules for star-delta (wye-delta)

⑩ Base plate star-delta

⑪ 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2932-2F	2295.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	605.-	1 Unit
4...7	Assembly Kit: S2-S2-S2	3RA2933-2BB1	2685.-	1 Unit
	Assembly Kit: S2-S2-S0	3RA2933-2C	1970.-	1 Unit
9	Functional Module	3RA2816-0EW20	11150.-	1 Unit

10

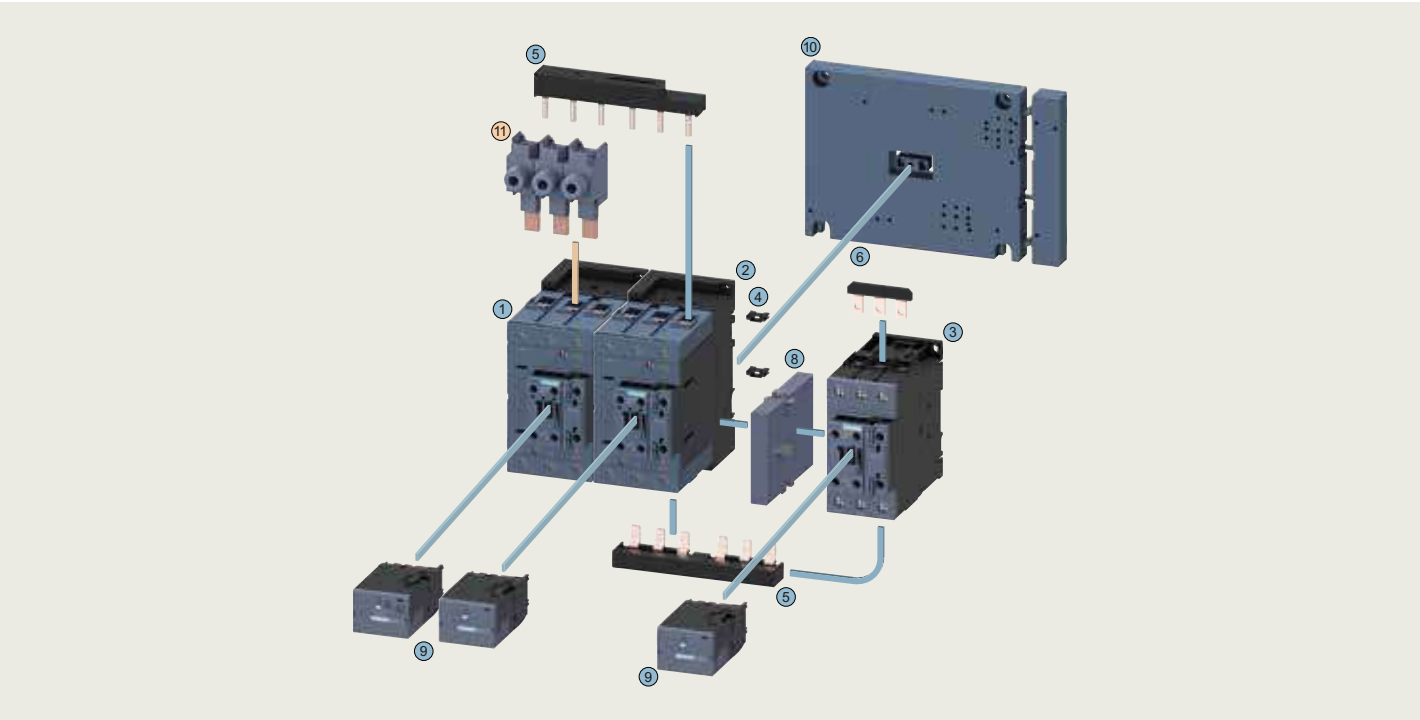
8

4...7

9

Accessories for 3RT2 Contactors

S3-S3-S2/S3 - Mechanical Interlock & Installation kit for star delta contactor assembly



The figure shows the version with screw terminals in S3-S3-S2

Individual Components

① ② ③ Contactors

④ … ⑦ Assembly kit comprising:
S3-S3-S3: 3RA2943-2BB
S3-S3-S2: 3RA2943-2C

④ Connectors for three contactors

⑤ Wiring modules on top and bottom for connecting the main and auxiliary circuits

⑥ Star jumper

⑦ Cable for connecting the A2 coil contact from the line contactor with the A2 coil contact of the delta contactor (not shown in the drawing)

⑧ Mechanical interlock

⑨ Function modules for star-delta (wye-delta)

⑩ Base plate star-delta

⑪ 3-phase feeder terminal

S. No.	For Contactor	Type	LP ₹ (per unit / set)	Std. pkg. (nos.)
10	Base plate	3RA2942-2F	3210.-	1 Unit
8	Mechanical interlock, lateral	3RA2934-2B	605.-	1 Unit
4...7	Assembly Kit: S3-S3-S3	3RA2943-2BB1	2470.-	1 Unit
	Assembly Kit: S3-S3-S2	3RA2943-2C	2735.-	1 Unit
9	Functional Module	3RA2816-0EW20	11150.-	1 Unit

10

8

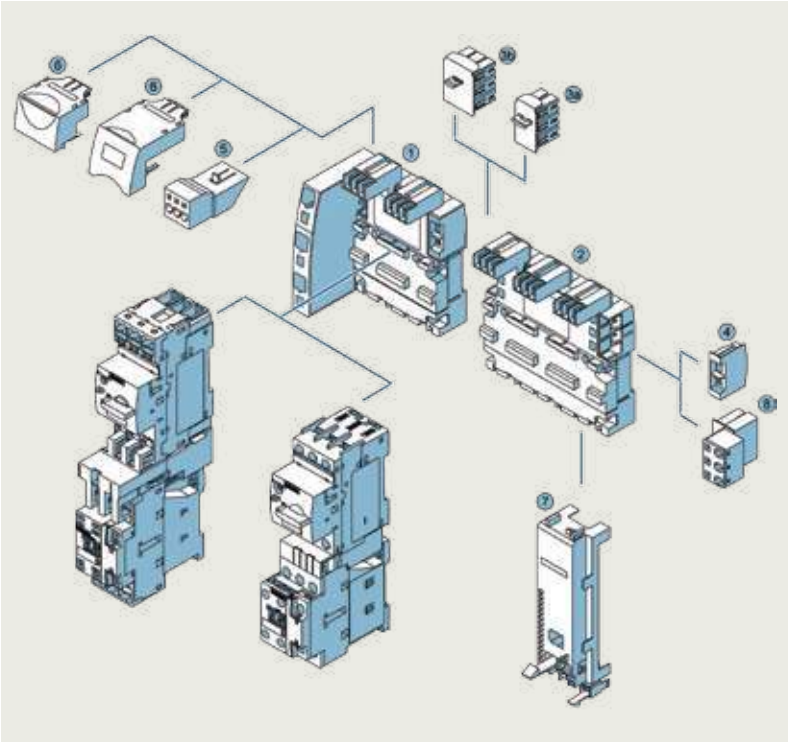
4...7

9

■ **Stock items**

3RV29 Infeed system

The 3RV29 infeed system is a convenient means of energy supply and distribution for a group of several motor starter protectors or complete load feeders with a screw or spring-type connection in sizes S00 and S0.



Individual Components

① 3-phase busbar with infeed
② 3-phase busbar for system expansion
③a Expansion plug
③b Extra-wide expansion plug
④ End cover
⑤ Terminal block for device infeed
⑥ Plug-in connector
⑦ Contactor base
⑧ Terminal block

- Maximum current carrying capacity of 63 A
- Enables the integration of MPCB's, 1-phase, 2-phase and 3-phase components such as 5SY miniature circuit breakers or SIRIUS relay components.
- Approved in accordance with IEC to 500 V.
- UL-approved and authorized for Type E starter and Type F starter.

Legend	Type of accessory	Version	For 3RV20, 3RV23, 3RV24 MPCB only	Type	Unit LP ₹	Std. pkg. (nos.)
①*	Three-phase busbars with infeed (incl. 3RV2917-6A end cover)	For 2 motor starter protectors with screw or spring-type terminals With infeed on the left	S00, S0	**3RV2917-1A**	**2410.-**	**1**
		For 2 motor starter protectors with screw or spring-type terminals With infeed on the Right	S00, S0	**3RV2917-1E**	**2410.-**	**1**
②+	Three-phase busbars for system expansion (incl. 3RV2917-5BA00 expansion plug)	For 2 motor starter protectors with screw or spring-type terminals	S00, S0	**3RV2917-4A**	**1455.-**	**1**
		For 3 motor starter protectors with screw or spring-type terminals	S00, S0	**3RV2917-4B**	**1940.-**	**1**
③+	Expansion Plug (as spare part)			**3RV2917-5BA00**	**490.-**	**1**
	Extra-wide expansion plugs (as accessory)			**3RV2917-5E**	**1090.-**	**1**
④+	End covers (as spare part)			**3RV2917-6A**	**60.-**	**10**
⑤+	Terminal blocks	for device infeed		**3RV2917-5FA00**	**1655.-**	**1**
⑥*	Plug-in connectors to make contact with motor starter protectors	For spring-type terminals	S00	**3RV2917-5AA00**	**425.-**	**1**
			S0	**3RV2927-5AA00**	**425.-**	**1**
		For Screw-type terminals	S00	**3RV2917-5CA00**	**425.-**	**1**
			S0	**3RV1927-5AA00**	**510.-**	**1**
⑦^	Contactor bases for mounting direct-on-line or reversing starters	For contactors	contactors S00, S0	**3RV2927-7AA00**	**355.-**	**1**
⑧+	Terminal blocks	for integration of single-phase, two-phase and three-phase components		**3RV2917-5D**	**1740.-**	**1**

* Required + Optional ^ Required for Reversing DOL

Reversing Contactor Assemblies - 3RA23

S00-S00

S0-S0

S2-S2

S3-S3

Screw terminals

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	AC Coil				DC Coil			
			Rated control supply voltage U_s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00	7	3	230	3RA2315-8XB30-1AP0	6660.-	1	24	3RA2315-8XB30-1BB4	8835.-	1
	9	4	230	3RA2316-8XB30-1AP0	7025.-	1	24	3RA2316-8XB30-1BB4	9550.-	1
	12	5.5	230	3RA2317-8XB30-1AP0	7345.-	1	24	3RA2317-8XB30-1BB4	10680.-	1
	16	7.5	230	3RA2318-8XB30-1AP0	8700.-	1	24	3RA2318-8XB30-1BB4	11485.-	1
S0	12	5.5	230	3RA2324-8XB30-1AL2	8695.-	1	24	3RA2324-8XB30-1BB4	10700.-	1
	17	7.5	230	3RA2325-8XB30-1AL2	8890.-	1	24	3RA2325-8XB30-1BB4	12270.-	1
	25	11	230	3RA2326-8XB30-1AL2	10725.-	1	24	3RA2326-8XB30-1BB4	16265.-	1
	32	15	230	3RA2327-8XB30-1AL2	19670.-	1	24	3RA2327-8XB30-1BB4	31855.-	1
	38	18.5	230	3RA2328-8XB30-1AL2	27595.-	1	24	3RA2328-8XB30-1BB4	36020.-	1
S2	50	22	230	3RA2336-8XB30-1AL2	31110.-	1	20...33	3RA2336-8XB30-1NB3€	47865.-	1
	65	30	230	3RA2337-8XB30-1AL2	41675.-	1	20...33	3RA2337-8XB30-1NB3€	53495.-	1
	80	37	230	3RA2338-8XB30-1AL2	52365.-	1	20...33	3RA2338-8XB30-1NB3€	63405.-	1
S3	95	45	230	3RA2346-8XB30-1AL2	65445.-	1	20...33	3RA2346-8XB30-1NB3€	73585.-	1
	110	55	230	3RA2347-8XB30-1AL2	75220.-	1	20...33	3RA2347-8XB30-1NB3€	80955.-	1

Star Delta Contactor Assemblies - 3RA24

S00-S00-S00

S0-S0-S0

S2-S2-S2

S3-S3-S2

Screw terminals

Size	AC-3 operational current Ie upto 415V A	Motor rating at 415V, 50Hz kW	AC Coil$				DC Coil@			
			Rated control supply voltage U_s at 50/60Hz V AC	Type*	Unit LP ₹	Std. pkg. (nos.)	Rated control supply voltage U_s V DC	Type*	Unit LP ₹	Std. pkg. (nos.)
S00-S00-S00	12	5.5	230	3RA2415-8XF31-1AP0	14955.-	1	24	3RA2415-8XF31-1BB4	17545.-	1
	17	7.5	230	3RA2416-8XF31-1AP0	15745.-	1	24	3RA2416-8XF31-1BB4	19100.-	1
	25	11	230	3RA2417-8XF31-1AP0	16500.-	1	24	3RA2417-8XF31-1BB4	20405.-	1
S0-S0-S0	25	11	230	3RA2423-8XF32-1AL2	18465.-	1	24	3RA2423-8XF32-1BB4	22750.-	1
	32/40	15/18.5	230	3RA2425-8XF32-1AL2	21240.-	1	24	3RA2425-8XF32-1BB4	68065.-	1
	50	22	230	3RA2426-8XF32-1AL2	30780.-	1	24	3RA2426-8XF32-1BB4	45590.-	1
S2-S2-S0	50/65	22/30	230	3RA2434-8XF32-1AL2	41565.-	1	20...33	3RA2434-8XF32-1NB3€	62430.-	1
	80	37	230	3RA2435-8XF32-1AL2	43375.-	1	20...33	3RA2435-8XF32-1NB3€	71220.-	1
	86	45	230	3RA2436-8XF32-1AL2	52160.-	1	20...33	3RA2436-8XF32-1NB3€	76735.-	1
S2-S2-S2	115	55	230	3RA2437-8XF32-1AL2	63575.-	1	20...33	3RA2437-8XF32-1NB3€	82825.-	1
S3-S3-S2	150	75	230	3RA2445-8XF32-1AL2	69630.-	1	20...33	3RA2445-8XF32-1NB3€	91115.-	1
	160	90	230	3RA2446-8XF32-1AL2	93300.-	1	20...33	3RA2446-8XF32-1NB3€	109335.-	1

* For ordering above assembly with Spring type terminals, please replace 13th digit from "1 to 2" for S00, S0

€ - Universal operation AC / DC

Above assemblies are also available as "ready to assemble kit" please refer page no. 23-30

Please contact nearest sales office for other coil voltages and with communication interface

Genuine Siemens spares

Buy from our authorised channel partner

Spares coils

Magnetic coils for 3RT2 (S0, S2, S3)

Size	AC Coil					Universal Coil (AC/DC)				
	Contactor type	Rated control supply voltage U_s at 50/60 Hz V AC	Type	Unit LP ₹	Std. pkg. (nos.)	Contactor type	Rated control supply voltage U_s V DC	Type	Unit LP ₹	Std. pkg. (nos.)
S0	3RT20 23 3RT20 24 3RT20 25	24V	**3RT2924-5AC21**	**815.-**	**1**					
		110V	**3RT2924-5AG21**		**1**					
		230V	**3RT2924-5AL21**		**1**					
		400V, 50Hz	**3RT2924-5AV01**		**1**					
	3RT20 26 3RT20 27 3RT20 28 3RT23 25 3RT23 26 3RT25 26	24V	**3RT2926-5AC21**		**1**					
		110V	**3RT2926-5AG21**		**1**					
		230V	**3RT2926-5AL21**		**1**					
		400V, 50Hz	**3RT2926-5AV01**		**1**					
S2	3RT20 3 3RT23 3 3RT25 3	24V	**3RT2934-5AC21**	**3650.-**	**1**	3RT20 3 3RT23 3 3RT25 3	20 ... 33	**3RT2934-5NB31**	**4625.-**	**1**
		110V	**3RT2934-5AG21**		**1**		83 ... 155	**3RT2934-5NF31**		**1**
		230V	**3RT2934-5AL21**		**1**		175 ... 280	**3RT2934-5NP31**		**1**
S3	3RT20 4 3RT23 4 3RT25 4 3RT24 4	24V	**3RT2944-5AB01**	**3830.-**	**1**	3RT20 4 3RT23 4 3RT25 4 3RT24 4	20 ... 33	**3RT2944-5NB31**	**5200.-**	**1**
		110V	**3RT2944-5AF01**		**1**		83 ... 155	**3RT2944-5NF31**		**1**
		230V	**3RT2944-5AP01**		**1**		175 ... 280	**3RT2944-5NP31**		**1**

For 24 V DC PLC output/PLC relay output, with remaining lifetime indicator (RLT) [Withdrawable coil with lateral solid-state module]

Size	AC Coil				
	Contactor type	Rated control supply voltage U_s at 40 to 60Hz AC, DC V AC/DC	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 5 3RT14 5	96...127V AC/DC	**3RT1955-5PF31**	**24505.-**	**1**
		200...277V AC/DC	**3RT1955-5PP31**	**24505.-**	**1**
S10	3RT10 6 3RT14 6	96...127V AC/DC	**3RT1965-5PF31**	**30830.-**	**1**
		200...277V AC/DC	**3RT1965-5PP31**	**30830.-**	**1**
S12	3RT10 7 3RT14 7	96...127V AC/DC	**3RT1975-5PF31**	**41120.-**	**1**
		200...277V AC/DC	**3RT1975-5PP31**	**41120.-**	**1**

Arc Chambers for 3RT10 / 3RT14

Size	Contactor type	Version	Type	Unit LP ₹	Std. pkg. (nos.)
S6	3RT10 54	Arc chutes 3-pole	**3RT1954-7A**	**3810.-**	**1**
	3RT10 55		**3RT1955-7A**	**4315.-**	**1**
	3RT10 56		**3RT1956-7A**	**4755.-**	**1**
S10	3RT10 64		**3RT1964-7A**	**4870.-**	**1**
	3RT10 65		**3RT1965-7A**	**5255.-**	**1**
	3RT10 66		**3RT1966-7A**	**5425.-**	**1**
S12	3RT10 75		**3RT1975-7A**	**6105.-**	**1**
	3RT10 76		**3RT1976-7A**	**6290.-**	**1**
S6	3RT14 56 [1)]		**3RT1956-7B**	**6315.-**	**1**
S10	3RT14 66 [1)]		**3RT1966-7B**	**7370.-**	**1**
S12	3RT14 76 [1)]		**3RT1976-7B**	**8720.-**	**1**

1) For 3RT14 AC-1 duty power contactors

Adaptor plates

Description (Adaptor plates for using in place of 3TF/3TR contactors)	Type	Unit LP ₹	MOQ
3RT10/3RT20 15/16/17 replacing 3TF/3TR 30/31	**3TX80120A**	**150.-**	**5**
3RT10/3RT20 25/26 replacing 3TF/3TR 32/33	**3TX80250A**	**230.-**	**5**
3RT10 34/35 replacing 3TF/3TR 34/35	**3TX80400A**	**315.-**	**5**
3RT10 36 replacing 3TF/3TR 46	**3TX80500A**	**375.-**	**5**
3RT10 44/45 replacing 3TF/3TR 47 / 3TF 477	**3TX80800A**	**755.-**	**1**
3RT10 45/46 replacing 3TF/3TR 48/49	**3TX80950A**	**770.-**	**1**
3RT10 56 replacing 3TF/3TR 52	**3TX81850A**	**1350.-**	**1**
3RT10 64 replacing 3TF/3TR 53	**3TX82250A**	**1440.-**	**1**

To replace existing contactor of any other brand please contact nearest sales office.

Description (Adaptor plates for using in place of old relay terminal block required for independent mounting)	Type	Unit LP ₹	MOQ
3RU29/3RU19 (1.8-25A) replacing 3UA/3UR 52 (1-25A)	**3UX8025**	**380.-**	**1**
3RU19 (5.5-50A) replacing 3UA/3UR 55 (10-45A)	**3UX8050**	**470.-**	**1**
3RU19 (18-100A) replacing 3UA/3UR 58 (16-95A) & replacing 3UA/3UR 5830 (70-120A)	**3UX8100**	**525.-**	**1**

LP - List Price

Contacts with fixing parts

For 3RT20 & 3RT10, 3 pole power contactors
1 set = 3 moving and 6 fixed switching contacts with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT20 36	**3RT2936-6A**	**4595.-**	**1**
	3RT20 37	**3RT2937-6A**	**6115.-**	**1**
	3RT20 38	**3RT2938-6A**	**8160.-**	**1**
S3	3RT20 46	**3RT2946-6A**	**8280.-**	**1**
	3RT20 47	**3RT2947-6A**	**11200.-**	**1**
S6	3RT10 54	**3RT1954-6A**	**12570.-**	**1**
	3RT10 55	**3RT1955-6A**	**15775.-**	**1**
	3RT10 56	**3RT1956-6A**	**20090.-**	**1**
S10	3RT10 64	**3RT1964-6A**	**22765.-**	**1**
	3RT10 65	**3RT1965-6A**	**25435.-**	**1**
	3RT10 66	**3RT1966-6A**	**30005.-**	**1**
S12	3RT10 75	**3RT1975-6A**	**39620.-**	**1**
	3RT10 76	**3RT1976-6A**	**50875.-**	**1**

For 3RT24/14 AC-1 duty power contactors
1 set = 3 movable and 6 fixed switching elements with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S3	3RT24 46	**3RT2946-6D**	**18995.-**	**1**
S6	3RT14 56	**3RT1956-6D**	**30530.-**	**1**
S10	3RT14 66	**3RT1966-6D**	**47540.-**	**1**
S12	3RT14 76	**3RT1976-6D**	**61040.-**	**1**

For 3RT23, 4 pole AC-1 duty contactors
1 set = 4 movable and 8 fixed switching elements with fixing parts

Size	Contactor type	Type	Unit LP ₹	Std. pkg. (nos.)
S2	3RT23 36	**3RT2936-6E**	**5635.-**	**1**
	3RT23 37	**3RT2937-6E**	**6490.-**	**1**

Spares for 3RT12 Vacuum Contactors

For contactor		Type	Unit LP ₹	Std. pkg. (nos.)
Spare coils				
3RT126	4)	**3RT1966-5A..1**	**12465.-**	**1**
3RT127	23 ... 26 380 ... 420 110 ... 127 220 ... 240	**3RT1975-5AB31** **3RT1975-5AV31** **3RT1975-5AF318K** **3RT1975-5AP318K**	**15125.-**	**1**
Solid state operating mechanism				
3RT126	96... 127V AC/DC 200...277V AC/DC	**3RT1966-5NF31** **3RT1966-5NP31**	**16080.-**	**1** **1**
3RT127	200...277V AC/DC	**3RT1975-5NP31**	**21410.-**	**1**
Spare vacuum bottles (set of 3)				
3RT1264 3RT1265 3RT1266		**3RT1964-6V** **3RT1965-6V** **3RT1966-6V**	**80685.-** **93170.-** **113665.-**	**1** **1** **1**
3RT1275 3RT1276		**3RT1975-6V** **3RT1976-6V**	**137360.-** **165330.-**	**1** **1**

4) Coil voltage (AC/DC) - Please enter coil codes from table below

Code	B3	F3	P3	V3
Coil voltage (V)	23-26	110-127	220-240	380-420

Contactor Relays - SICONT Plus 3TH3

Contactor size	Rated current (A) Ie AC15 at 230V	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
		Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Aux. contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	10	4NO $	■ 3TH3040-0A..	1745.-	1	4NO $	3TH3040-0B..	2475.-	1
		3NO + 1NC $	■ 3TH3031-0A..		1	3NO + 1NC $	■ 3TH3031-0B..		1
		2NO + 2NC $	■ 3TH3022-0A..		1	2NO + 2NC $	■ 3TH3022-0B..		1

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
0	9	4	1NO $	■ 3TF3010-0A..	1500.-	1	1NO $	■ 3TF3010-0B..	2745.-	1
			1NC $	■ 3TF3001-0A..			1NC $	■ 3TF3001-0B..		
	12	5.5	1NO $	■ 3TF3110-0A..	1715.-	1	1NO $	■ 3TF3110-0B..	2915.-	1
			1NC $	■ 3TF3101-0A..			1NC $	■ 3TF3101-0B..		
1	16	7.5	–$	■ 3TF3200-0A..	1775.-	1	–$	■ 3TF3200-0B..	3375.-	1
	22	11	–$	■ 3TF3300-0A..	2445.-	1	–$	■ 3TF3300-0B..	4540.-	1
2	32	15	–$	■ 3TF3400-0A..	5460.-	1	–$	■ 3TF3400-0B..	10515.-	1
	38	18.5	–$	■ 3TF3500-0A..	7925.-	1	–$	■ 3TF3500-0B..	12525.-	1
	40	18.5	–$	■ 3TF3500-0A..ZT00^	8045.-	1	–$	■ 3TF3500-0B..ZT00^	12635.-	1

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
3	45	22	2NO + 2NC $	■ 3TF4602-0A..ZA01@	10940.-	1
	63	30	2NO + 2NC $	■ 3TF4702-0A..ZA01@	15820.-	1
	65	30	2NO + 2NC $	■ 3TF4702-0A..ZT00^	15920.-	1
	70	37	2NO + 2NC $	■ 3TF4772-0A..	16945.-	1
4	75	42	2NO + 2NC $	■ 3TF4822-0A..ZA01@	19910.-	1
	85	45	2NO + 2NC $	■ 3TF4922-0A..ZA01@	24700.-	1
6	110	55	2NO + 2NC $	■ 3TF5002-0A..	29555.-	1
	140	75	2NO + 2NC $	■ 3TF5102-0A..	38985.-	1
8	170	90	2NO + 2NC $	■ 3TF5202-0A..	48935.-	1
	205	110	2NO + 2NC $	■ 3TF5302-0A..	52600.-	1
10	250	132	2NO + 2NC $	■ 3TF5402-0A..	64310.-	1
	300	160	2NO + 2NC $	■ 3TF5502-0A..	79985.-	1
12	400	200	2NO + 2NC $	■ 3TF5602-0A..	93800.-	1

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TF30 to 35 & 3TH30	1NO	■ 3TX4010-2A	230.-	10
	1NC	■ 3TX4001-2A	230.-	10
	1NO (Extd)	■ 3TX4010-4A	360.-	10
	1NC (Extd)	■ 3TX4001-4A	360.-	10
3TF46 to 3TF57	Second 1NO+1NC Left	■ 3TY7561-1KA008K	1060.-	1
	Second 1NO+1NC Right			

@ **For box type (SIGUT) terminals, order 2 nos 3TX7460-0E, LP ₹ 540.- each.**

$ For more aux. contacts, pl. see table above.

^ B0, F0, P0 and B4 coil voltage only available

Note: DC Coil - 3TF4/5 has been dicontinued. 3RT Contactors (Page No. 6-7) recommended

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)				DC coil (LPs for 24, 110, 220V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)	Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
14	630	355	4NO + 4NC	3TF6844-0C..	refer page no. 10	1	3NO + 3NC	3TF6833-1D..[1)]	refer page no. 10	1
	820	450	4NO + 4NC	3TF6944-0C..		1	3NO + 3NC	3TF6933-1D..[1)]		1

1) LP includes control contactor

AC 50Hz coil code: 3TF30 to 3TF56, 3TH3

Coil voltage (V)	24	■ 110	■ 230	■ 415
Code	B0	F0	P0	R0

Wide band AC 50 Hz coil code: 3TF30 to 3TF35

Coil voltage (V)	70-140	150-280	260-460
Code	W110	W220	W415

AC 50/60 Hz coil code: 3TF68/69

Coil voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

DC coil code: 3TF30 to 3TF35, 3TF68/69, 3TH3

Coil voltage (V)	■ 24	110	220
Code	B4	F4	M4

Extra LP per unit for non-std coils B0 / M0# / U0# (AC), DC and wide band

for 3TH, 3TF30 to 33	295.-	for 3TF34 to 49	345.-	for 3TF50 to 56	905.-
Wide band coil for 3TH, 3TF30 to 33	295.-	Wide band coil for 3TF34/35	345.-		

For any non-standard coil or contactor with non standard coil, minimum order quantity should be 100 nos. or minimum order value of ₹1,00,000/- per item.

For non-standard coil voltages not mentioned above, pl. check with Siemens.

M0: 220V AC, U0: 240V AC

■ **Stock items**

Please order in multiples of standard packing.

LP - List Price

2 Pole DC Contactors - 3TC

For DC loads
with AC coil, 2NO+2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type[2)]	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0B..	24910.-	1
4	75	3TC4817-0B..	124015.-	1
8	220	3TC5217-0B..	208770.-	1
12	400	3TC5617-0B..	356520.-	1

with DC coil, 2NO + 2NC aux. contacts

Contactor size	Rated current Ie (A) DC3/5	Type[3)]	Unit LP ₹	Std. pkg. (nos.)
2	32	3TC4417-0A..	34380.-	1
4	75	3TC4817-0A..	149370.-	1
8	220	3TC5217-0A..	256645.-	1
12	400	3TC5617-0A..	473755.-	1

[2)] AC coil voltage - Please enter coil codes from table below

Code	F0	U0
Coil voltage (V) (50Hz)	110	240

[3)] DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage (V)	24	110	220

Accessories for SICOP / SICONTPlus

Interlocking kit for two 3TF contactors
(inclusive of base plate and interlocking mechanism)

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TF30-35	■ 3TX4091-1A#	735.-	10
3TF46/47/47-7	■ 3TX7466-1YA0	2590.-	2
3TF48/49	■ 3TX7486-1YA0	4220.-	2
3TF50/51	■ 3TX7506-1YA0	4745.-	2
3TF52/53	■ 3TX7526-1YA0	5430.-	2
3TF54/55	■ 3TX7546-1YA0	6535.-	2
3TF56/57	■ 3TX7566-1YA0	6980.-	2
3TF50/52	3TX7526-1YA09	5430.-	2
3TF52/54	■ 3TX7546-1YA09	6535.-	2

Note: Higher rating upon enquiry # W/o base plate (not required)

Coil voltage		Type	Unit LP ₹	Std. pkg. (nos.)
AC	DC			
Surge suppressor (varistor) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	■ 3TX7402-3GY1	660.-	10
48 - 127V	70 - 150V	■ 3TX7402-3HY1	660.-	10
127 - 240V	150 - 250V	■ 3TX7402-3JY1	660.-	10
240 - 400V	—	3TX7402-3KY1	850.-	10
400 - 600V	—	3TX7402-3LY1	850.-	10
Surge suppressor (RC unit) for 3TF30-35, 3TH30				
24 - 48 V	24 - 70 V	3TX7402-3RY2	1055.-	10
48 - 127V	70 - 150V	3TX7402-3SY2	1055.-	10
127 - 240V	150 - 250V	3TX7402-3TY2	1055.-	10
240 - 400V	—	3TX7402-3UY2	1055.-	10
400 - 600V	—	3TX7402-3VY2	1055.-	10
Surge suppressor (varistor) for 3TF46-56				
Less than 48V	24 - 70V	■ 3TX7462-3GY1	910.-	10
48 - 127V	70 - 150V	■ 3TX7462-3HY1	910.-	10
127 - 240V	150 - 250V	■ 3TX7462-3JY1	910.-	10
240 - 400V	—	3TX7462-3KY1	960.-	10
400 - 600V	—	3TX7462-3LY1	960.-	10

Spares for SICOP and SICONT Plus Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type	LP per set ₹	Std. pkg. (nos.)
3TF32/42 (16A)	■ 3TY7420-0A	1005.-	1
3TF33/43 (22A)	■ 3TY7430-0A	1405.-	1
3TF34 (32A)	■ 3TY7340-0C	2700.-	1
3TF35 (38A)	■ 3TY7350-0C	4115.-	1
3TF44 (32A)	■ 3TY7440-0A	2985.-	1
3TF45 (38A)	■ 3TY7450-0A	4115.-	1
3TF46 (45A)	■ 3TY7460-0YA	4415.-	1
3TF47 (63A)	■ 3TY7470-0YA	6435.-	1
3TF477 (70A)	■ 3TY7477-0YA	7460.-	1
3TF48 (75A)	■ 3TY7480-0A	8580.-	1
3TF49 (85A)	■ 3TY7490-0A	11495.-	1
3TF50 (110A)	■ 3TY7500-0YA	12540.-	1
3TF51 (140A)	■ 3TY7510-0YA	15775.-	1
3TF52 (170A)	■ 3TY7520-0YA	19825.-	1
3TF53 (205A)	■ 3TY7530-0YA	21150.-	1
3TF54 (250A)	■ 3TY7540-0YA	25440.-	1
3TF55 (300A)	■ 3TY7550-0YA	29910.-	1
3TF56 (400A)	■ 3TY7560-0YA	39575.-	1
3TF68 (630A)	3TY7680-0B$	268020.-	1
3TF69 (820A)	3TY7690-0B$	430630.-	1

$ Set of 3x vacuum bottles.

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std.pkg. (nos.)
3TF46-57	1NO + 1NC (Extd) Right	3TY7561-1E	1365.-	1
3TF46 to 3TF57, 3TK5	Built-in, 1NO+1NC Left / Right	3TY7561-1AA00-8K	1060.-	1
	Add-on, Second 1NO+1NC Left / Right	3TY7561-1KA00-8K	1060.-	1

DC coils

For contactor	Type†	Unit LP ₹ For 24/110/ 220V	Std.pkg. (nos.)
3TH3, 3TF30-33/42/43	■ 3TY4803-0B..	1230.-	1
3TF34/35	3TY7443-0B..	1845.-	1
3TF68	3TY7683-0D..	LP on request	1

† Pl. add coil voltage code from table on page no. 35.

24V, 110V, 220V are stock items only for 3TH3/3TF30/31/32/33

SICOP arc chambers

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
3TF34	3TY7342-0C	730.-	1
3TF35	3TY7352-0C	770.-	1
3TF46	3TY7462-0YA	1510.-	1
3TF47	3TY7472-0YA	1845.-	1
3TF477	3TY7477-0YD	2220.-	1
3TF48	3TY7482-0A	2680.-	1
3TF49	3TY7492-0A	3095.-	1
3TF50	3TY7502-0YA	3670.-	1
3TF51	3TY7512-0YA	4180.-	1
3TF52	3TY7522-0YA	4585.-	1
3TF53	3TY7532-0YA	4730.-	1
3TF54	3TY7542-0YA	5100.-	1
3TF55	3TY7552-0YA	5250.-	1
3TF56	3TY7562-0YA	5920.-	1

AC coils (50 Hz)

For contactor	Type†	Unit LP ₹ For 110/230/ 415V 50Hz	Unit LP ₹ For all other coil voltages	Std. pkg. (nos.)
3TH3, 3TF30-33/42/43	■ 3TY7403-0A..	905.-	1030.-	1
3TF34/35/44/45	■ 3TY7443-0A..	1115.-	1445.-	1
3TF46/47/477	■ 3TY7463-0A..	1935.-	2250.-	1
3TF48/49	■ 3TY7483-0A..	3535.-	3865.-	1
3TF50/51	■ 3TY7503-0A..	3595.-	4470.-	1
3TF52/53	■ 3TY7523-0A..	4555.-	5425.-	1
3TF54/55	■ 3TY7543-0A..	5510.-	6385.-	1
3TF56	■ 3TY7563-0A..	8000.-	9750.-	1
3TF68	3TY7683-0C..	60530.-	NA	1
3TF69	3TY7693-0C..	115000.-	NA	1

† Pl. add coil voltage code from table on page no. 35.

110V, 230V, 415V are stock items for 3TH, 3TF30-56

24V is stock item only for 3TH30/3TF30/31/32/33

** Available till stock last

■ **Stock items**

LP - List Price

Connector

The 3TS90 **connector** is used to mount the motor protection circuit breaker 3VS/3VU on the contactor 3TF with screw terminals. It enables mechanical and electrical connection between contactor and motor starter protection circuit breaker.

Range:

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current Rating	Type	AC3 Current Rating			
3VS13/ 3VU13	0.16 to 20A	**3TF30/31**	9 / 12 A	**3TS9001-8K**	**390.-**	**1**
3VS13/ 3VU13	6 to 25A	**3TF32/33**	16 / 22A	**3TS9002-8K**	**460.-**	**1**

Benefits:

1) Direct mounting of 3VS/3VU MPCB on 3TF
2) Secure poor connections
3) Reduced feeder size and assemble time

Spares for 3TC Contactors

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Set of main contacts	3TC44	**3TY2440-0A**	**8785.-**	**1**
	3TC48	**3TY2480-0A**	**21505.-**	**1**
	3TC52	**3TY2520-0A**	**60985.-**	**1**
	3TC56	**3TY2560-0A**	**120945.-**	**1**
AC coils[1] (50 Hz)	3TC44	**3TY7403-0A..**	**905.-**	**1**
	3TC52	**3TY6523-0A..**	**15470.-**	**1**
DC coils[2]	3TC44	**3TY6443-0B..**	**15850.-**	**1**
	3TC48	**3TY6483-0B..**	**27035.-**	**1**
	3TC52	**3TY6523-0B..**	**66835.-**	**1**
	3TC56	**3TY6563-0B..**	**92820.-**	**1**
Arc chambers	3TC44	**3TY2442-0A**	**8605.-**	**1**
	3TC48	**3TY2482-0A**	**15615.-**	**1**
	3TC52	**3TY2522-0A**	**24305.-**	**1**
	3TC56	**3TY2562-0A**	**49130.-**	**1**
Auxiliary contacts 1st 1NO + 1NC Left/Right	3TC44/48	**3TY6501-1AA00**	**3915.-**	**1**
2nd 1NO + 1NC Left	3TC48	**3TY6501-1K**		**1**
2nd 1NO + 1NC Right	3TC48	**3TY6501-1L**		**1**

[1] AC coil voltage - Please enter coil codes from table below

Code	B0	F0	U0	R0
Coil voltage (50 Hz)	24	110	240	415$

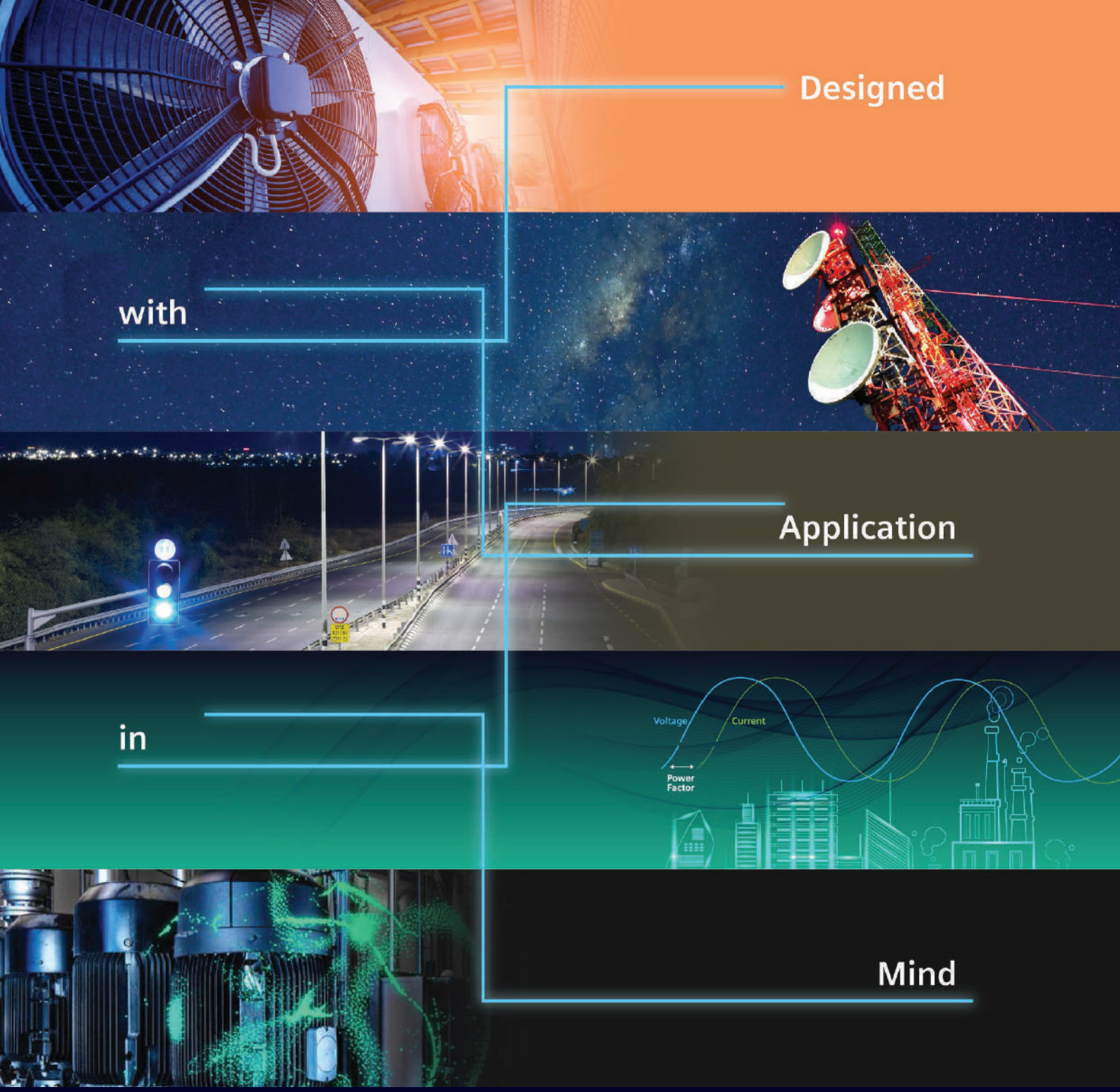
$ Only for 3TC 44

[2] DC coil voltage - Please enter coil codes from table below

Code	B4	F4	M4
Coil voltage	24	110	220

■ Stock items

Please order in multiples of standard packing.



Explore 3TS range of Contactors

Capacitor duty Contactors
2 Pole Contactors
Converter duty Contactors
LED Switching Contactors
4 Pole Contactors

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3TS Capacitor duty Contactors

Now in TI - GREY NEW

The 3TS capacitor duty contactor (with **patented** de-latching technology) provides a reliable and economical solution for capacitor switching applications.

Features and Benefits

- **De-latching operating principle**
- SIGUT Termination technique
- Finger touch proof terminals
- Compact Dimensions
- DIN / Screw mounting
- Reliable switching of capacitor banks
- Ease of wiring (can obviate use of lugs)
- Operator Safety
- Space saving
- Flexible mounting

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
5 kvar NEW	1 NO	3TS2110-0A..5-8K†	2420.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	2660.-				
10 kvar NEW	–	3TS2200-0A..5-8K†	2890.-	1NO+1NC	3TS2211-0A..5-8K	3315.-	
12.5 kvar	–	3TS1200-0A..5-8K†	2960.-	1NO+1NC	3TS1211-0A..5-8K	3385.-	1
16 kvar	–	3TS1300-0A..5-8K†	4070.-	1NO+1NC	3TS1311-0A..5-8K	4490.-	1
20 kvar	–	3TS1400-0A..5-8K†	4585.-	1NO+1NC	3TS1411-0A..5-8K	4995.-	1
25 kvar	–	3TS1500-0A..5-8K†	5295.-	1NO+1NC	3TS1511-0A..5-8K	5725.-	1
30 kvar NEW	–	3TS2500-0A..5-8K†	8250.-	1NO+1NC	3TS2511-0A..5-8K	8675.-	1
40 kvar NEW	2 NO + 2 NC	3TS2722-0A..5-8K	14000.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	16390.-				

† Facility to add one contact block of 1NO / 1NC

@ AC 50Hz coil code - Please enter coil codes from table below

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	230.-	10
	1NC	■ 3TX4001-2A	230.-	10

3MT7 Capacitor Duty Contactors NEW

Capacitor kvar 440V AC, 3Ph, 50Hz	Built-in aux. contacts	Type	Unit LP ₹	Std. pkg. (nos.)
60kVAr	1NO+2NC	3MT70060JA126A..	17420.-	1
80kVAr	1NO+2NC	3MT70080JA126A..	21385.-	1
100kVAr	1NO+2NC	3MT70100JA126A..	22225.-	1

Please add coil code from adjacent table

Note: For SIRIUS 3RT26 Capacitor Duty Contactors - Please contact Siemens

Coil 50/60Hz for 60 kvar contactor					
Coil Code	C2	G2	N2	P2	R2
Voltage	24V AC	110V AC	■ 220V AC	■ 240V AC	415V AC

Coil 50Hz for 80 & 100 kvar contactors				
Coil Code	F0	M0	U0	V0
Voltage	110V AC	■ 220V AC	■ 240V AC	415V AC

3TS Converter duty Contactors

Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	10630.-	1
4	145	3TS5022-0A..1-8K	18520.-	1
6	200	3TS5122-0A..1-8K	24945.-	1
6	225	3TS5222-0A..1-8K	28930.-	1
8	275	3TS5322-0A..1-8K	41105.-	1
8	325	3TS5422-0A..1-8K	46465.-	1
10	400	3TS5522-0A..1-8K	52090.-	1
12	525	3TS5622-0A..1-8K	71310.-	1

for 3TS48-3TF56

	AC Coil (50Hz)	
Code	F0	P0
Coil voltage (V)	110	230

3TS 2 Pole Contactors

Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability (ensures reliable contact at low voltage & low currents)

Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting

Rated current (A) Ie AC3 upto 415V	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	940.-	1
12	1NO	3TS3110-0A..2-8K	1045.-	1
18	1NO	3TS3210-0A..2-8K	1210.-	1
25	-	3TS3300-0A..2-8K	1505.-	1
32	-	3TS3400-0A..2-8K	3305.-	1
40	-	3TS3500-0A..2-8K	4720.-	1
50	-	3TS3600-0A..2-8K	6000.-	1
65	2NO+2NC	3TS4722-0A..2-8K	9020.-	1
75	2NO+2NC	3TS4822-0A..2-8K	10630.-	1
85	2NO+2NC	3TS4922-0A..2-8K	12375.-	1
105	2NO+2NC	3TS5022-0A..2-8K	16295.-	1
140	2NO+2NC	3TS5122-0A..2-8K	19810.-	1
160	2NO+2NC	3TS5222-0A..2-8K	26945.-	1
205	2NO+2NC	3TS5322-0A..2-8K	29680.-	1
250	2NO+2NC	3TS5422-0A..2-8K	34080.-	1
300	2NO+2NC	3TS5522-0A..2-8K	42615.-	1
400	2NO+2NC	3TS5622-0A..2-8K	55115.-	1

Coil voltage (V AC 50Hz)	110 V AC	230 V AC	415V AC
Code	F0	P0	R0

Spares for 3TS Contactors

Capacitor Duty

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	905.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar		3TY74430A..	1115.-	1
20 kvar				
25 kvar				
30 kvar				
40 kvar		3TY74630A..	1935.-	1
50 kvar				

* For coil, refer below table

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

Pre-charge resistor + Contact block kit

Contactor kVAr	Description	Type	Unit LP ₹	Std. pkg. (nos.)
10 kvar	Pre-charge resistor + early making contact block kit + main contacts kit	3TS9762-0SX15-8K	2250.-	1
12.5 kvar		3TS9762-0SX15-8K	2250.-	1
16 kvar		3TS9763-0SX15-8K	3350.-	1
20 kvar		3TS9764-0SX15-8K	3780.-	1
25 kvar		3TS9765-0SX15-8K	4445.-	1
30 kvar		3TS9765-0SX15-8K	4445.-	1
40 kvar		3TS9767-0SX15-8K	11425.-	1
50 kvar		3TS9767-0SX15-8K	11425.-	1

Note: Pre-charge resistor + early making contact block kit + main contacts should be replaced simultaneously

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	5145.-	1
3TS50		3TS9150-01-8K	9175.-	1
3TS51		3TS9151-01-8K	12475.-	1
3TS52		3TS9152-01-8K	13950.-	1
3TS53		3TS9153-01-8K	19810.-	1
3TS54		3TS9154-01-8K	22020.-	1
3TS55		3TS9155-01-8K	24220.-	1
3TS56		3TS9156-01-8K	32300.-	1

Spare coils

	AC Coil	Unit LP ₹
3TS48	3TY7463-0A..	1935.-
3TS50	3TY7483-0A..	3535.-
3TS51/52	3TY7503-0A..	3595.-
3TS53/54	3TY7523-0A..	4555.-
3TS55	3TY7543-0A..	5510.-
3TS56	3TY7563-0A..	8000.-

refer page no. 40 for coil codes

Spares for 3MT7 Contactors

Contactor kvar	Type	Unit LP ₹	Std. pkg. (nos.)
60kvar, 3MT70060JA126A..	3MT76000L__9M1A	1985.-	1
80kvar, 3MT70080JA126A..	3MT78000L__9M1A	2165.-	1
100kvar, 3MT70100JA126A..			

Refer page no 40 for coil codes

Spare side aux. contact block for 80 & 100 kvar contactor	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	490.-	10
2NO	3MT70200CL09M1A	490.-	10

3TS 4 Pole Contactors
for Power Applications

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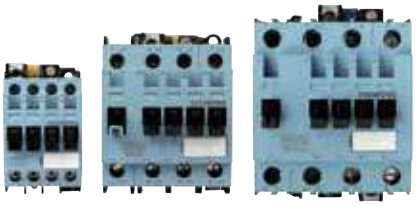

NEW

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil[1)]	Unit LP ₹		DC Coil[1)]	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	**3TS3100-0A..4-8K**	**1510.-**		**3TS3100-0B..4-8K**	**2985.-**	
Size 0	25A	**3TS3200-0A..4-8K**	**1595.-**		**3TS3200-0B..4-8K**	**3380.-**	
Size 1	35A	**3TS3300-0A..4-8K**	**1790.-**		**3TS3300-0B..4-8K**	**3855.-**	
Size 1	40A	**3TS3400-0A..4-8K**	**2360.-**		**3TS3400-0B..4-8K**	**5705.-**	
Size 2	45A	**3TS3500-0A..4-8K**	**2765.-**	**3395.-**	**3TS3500-0B..4-8K**		**6565.-**
Size 2	50A	**3TS3600-0A..4-8K**	**3070.-**	**3730.-**	**3TS3600-0B..4-8K**		**8330.-**
Size 2	65A	**3TS3700-0A..4-8K**	**5970.-**	**6635.-**	**3TS3700-0B..4-8K**		**11605.-**
Size 2	65A*	**3TS3700-0A..4-8KA0**	**6740.-**	**7400.-**	**3TS3700-0B..4-8KA0**		**13300.-**

1) Please add coil voltage code from table below

* 50A AC-3 rating

Size S0 & S1	Standard Coil				
	AC (50 Hz)			DC	
Code	F7	M7	R7	B4	E4
Coil Voltages	87...127 V	175...240 V	337...427 V	24 V	52..55V DC

Size S2	Standard Coil			Electronic Coil			
	AC (50 Hz)			AC (50 Hz)		DC	
Code	F0	P0	R0	F7	M7	B4	E4
Coil Voltages	110 V	230 V	415 V	81...136 V	137...273 V	24 V	52..55V DC

Accessories

Auxiliary Contact Block	Type	Unit LP ₹
1 NO	3TX40 10-2A	230.-
1 NC	3TX40 01-2A	230.-

Mechanical Interlock	Type	Unit LP ₹
Size 0 and Size 1	3TX4091-1A	735.-
S2	3TX4091-1A + 3TX4091-1G**	735.-
		195.-

Surge Suppressor		Coil Voltage		Varistors		RC Element	
		AC	DC	Type	Unit LP ₹	Type	Unit LP ₹
Size 0 , Size 1 and Size 2	Standard Coil	24 - 48 V	24 - 70 V	3TX7402-3GY1	660.-	3TX7402-3RY2	1055.-
		48 - 127V	70 - 150V	3TX7402-3HY1	660.-	3TX7402-3SY2	
		127 - 240V	150 - 250V	3TX7402-3JY1	660.-	3TX7402-3TY2	
		240 - 400V	–	3TX7402-3KY1	850.-	3TX7402-3UY2	
Size 2	Electronic Coil	81-273V AC				3TX7402-3PY2	
			24-55V			3TX7402-3QY2	

**Used only when the contactors are DIN rail mounted. Refer catalog for more details

Main Contact Kits (set of 8 fixed and 4 moving contacts)

Contactor Size	Rated current Ie (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	3TS9133-0E	1230.-
Size 1	40A	3TS3400	3TS9134-0E	1735.-
Size 2	45A	3TS3500	3TS9135-0E	2640.-
Size 2	50A	3TS3600	3TS9136-0E	3105.-
Size 2	65A	3TS3700	3TS9137-0E	3110.-
Size 2	65A*	3TS3700	3TS9137-0A	4505.-

* 50A AC-3 rating

Spare Coils

Contactor Size	Type[2)] AC	Unit LP ₹	Type[2)] DC	Unit LP ₹
Size 0	3TS9231-0A..4-8K	935.-	3TS9231-0B..4-8K	1280.-
Size 1	3TS9233-0A..4-8K	1005.-	3TS9233-0B..4-8K	1345.-
Size 2	3TS9235-0A..4-8K (Standard)	1115.-		
Size 2	3TS9235-0A..4-8K (Electronic)	1615.-	3TS9235-0B..4-8K (Electronic)	1920.-

2) Please add voltage code from table in page no 42

3TS Single Pole LED Contactors

NEW

Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

Available in

4000W - 3TS3210-0AM71-8K

8000W - 3TS3310-0AM71-8K

Price on request

Definite Purpose Contactors
45.J & 42.J

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Definite Purpose Contactors – 42.J & 45.J

Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	1095.-	1
	30A ■	45DJ10A_B	45DJ10A_C	1135.-	1
	40A	45EJ10A_B	45EJ10A_C	1175.-	1
1Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1040.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1070.-	1
	40A	45EJ40A_B	45EJ40A_C	1110.-	1

Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
2 Pole	20A ■	45BJ20A_D	45BJ20A_E	1315.-	1
	30A ■	45DJ20A_D	45DJ20A_E	1330.-	1
	40A ■	45EJ20A_D	45EJ20A_E	1370.-	1

Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
3 Pole	20A	42BJ35A_D	42BJ35A_E	1695.-	1
	25A	42CJ35A_D	42CJ35A_E	1720.-	1
	30A	42DJ35A_D	42DJ35A_E	1740.-	1
	40A ■	42EJ35A_D	42EJ35A_E	1770.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	2100.-	1
	25A	42CJ36A_D	42CJ36A_E	2125.-	1
	30A	42DJ36A_D	42DJ36A_E	2140.-	1
	40A ■	42EJ36A_D	42EJ36A_E	2175.-	1

Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	320.-	1
2 Pole contactor	75J29A_	385.-	1
3 Pole contactor	75J39A_	435.-	1

Please add coil code from table below

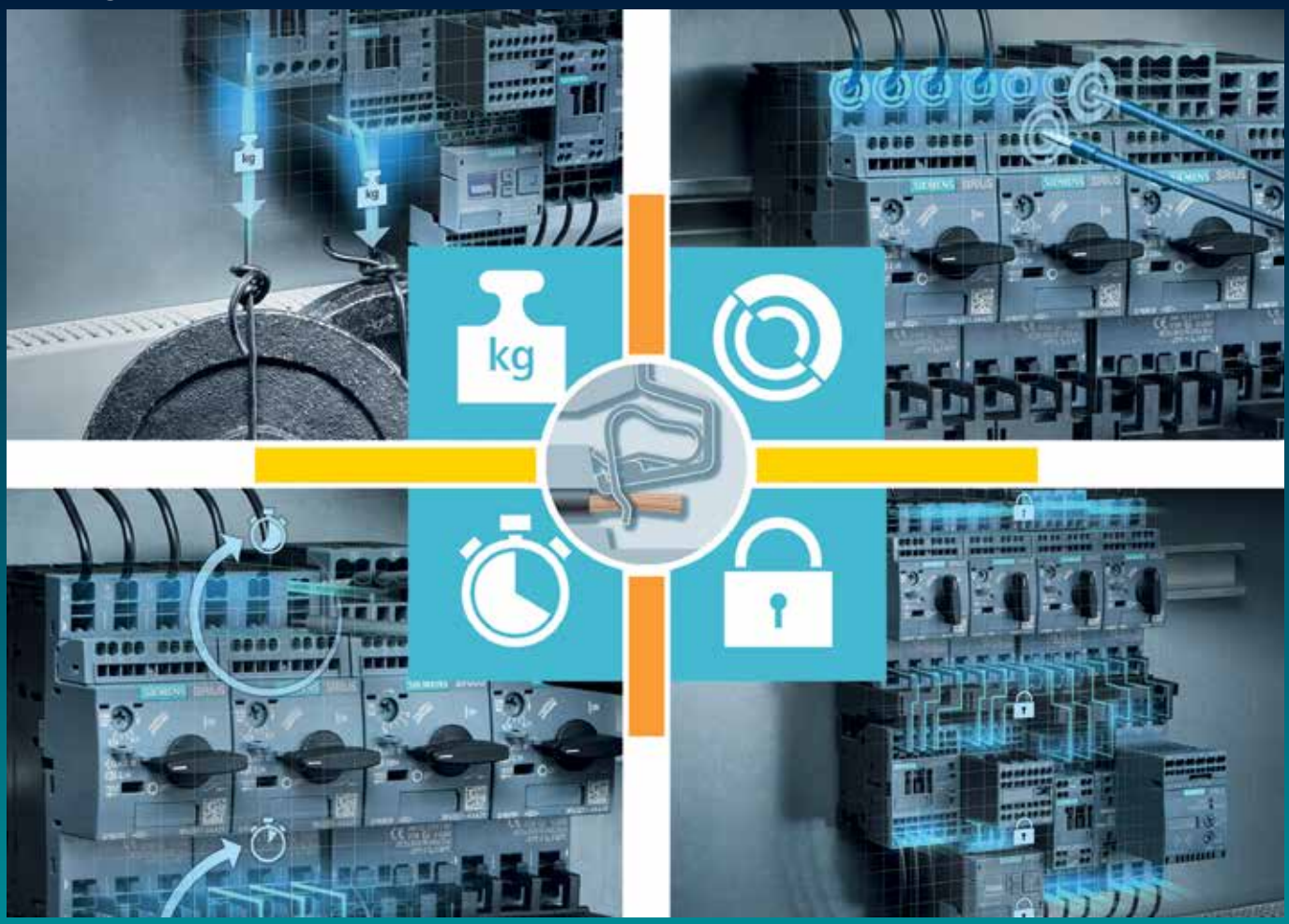
Coil Code	J	F	G	L	H	E	P
Voltage	24V AC, 50/60 Hz	120V AC, 60 Hz	240V AC, 50/60 Hz	277V AC, 60 Hz	480V AC, 60 Hz	145-180V AC, 50 Hz (available only for 1P & 2P versions)	170-240V AC, 50 Hz available for 1P & 2P & 3P (without inbuilt aux contacts)

■ **Standard material**

Spring loaded connections are...

Strong

Flexible



Fast

Safe

Easy connecting & wiring

Switch to Spring Loaded Technology

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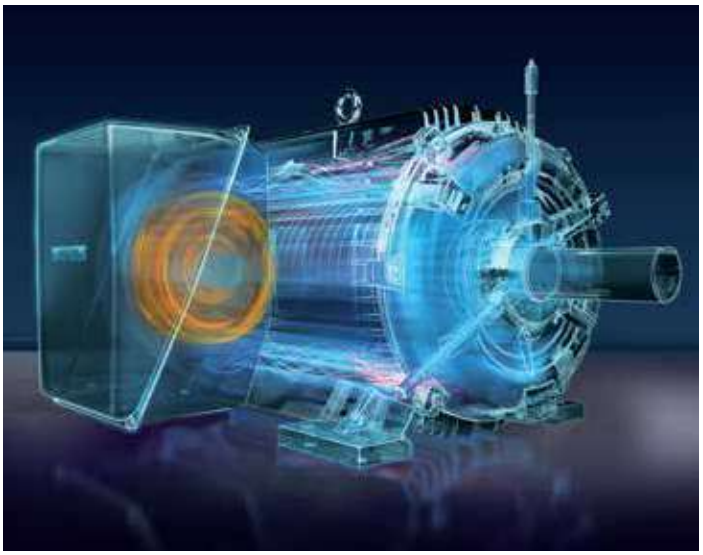
Thermal Overload Relays - 3RU

For contactor mounting - Class 10 - Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type#	Unit LP ₹	Std. pkg. (nos.)
S00	0.11 ... 0.16	3RU2116-0AB0	2595.-	1
	0.14 ... 0.2	3RU2116-0BB0		
	0.18 ... 0.25	3RU2116-0CB0		
	0.22 ... 0.32	3RU2116-0DB0		
	0.28 ... 0.4	3RU2116-0EB0		
	0.35 ... 0.5	3RU2116-0FB0		
	0.45 ... 0.63	3RU2116-0GB0	2625.-	
	0.55 ... 0.8	3RU2116-0HB0		
	0.7 ... 1	3RU2116-0JB0		
	0.9 ... 1.25	3RU2116-0KB0		
	1.1 ... 1.6	3RU2116-1AB0		
	1.4 ... 2	3RU2116-1BB0		
	1.8 ... 2.5	3RU2116-1CB0		
	2.2 ... 3.2	3RU2116-1DB0		
	2.8 ... 4	3RU2116-1EB0		
	3.5 ... 5	3RU2116-1FB0		
	4.5 ... 6.3	3RU2116-1GB0		
	5.5 ... 8	3RU2116-1HB0		
	7 ... 10	3RU2116-1JB0	2845.-	
	9 ... 12.5	3RU2116-1KB0		
	11 ... 16	3RU2116-4AB0	2945.-	
S0	1.8 ... 2.5	3RU2126-1CB0	2720.-	1
	2.2 ... 3.2	3RU2126-1DB0		
	2.8 ... 4	3RU2126-1EB0		
	3.5 ... 5	3RU2126-1FB0		
	4.5 ... 6.3	3RU2126-1GB0		
	5.5 ... 8	3RU2126-1HB0		
	7 ... 10	3RU2126-1JB0	2895.-	
	9 ... 12.5	3RU2126-1KB0		
	11 ... 16	3RU2126-4AB0	2965.-	
	14 ... 20	3RU2126-4BB0	2995.-	
	17 ... 22	3RU2126-4CB0		
	20 ... 25	3RU2126-4DB0		
	23 ... 28	3RU2126-4NB0	5000.-	
	27 ... 32	3RU2126-4EB0		
	30 ... 36	3RU2126-4PB0		
	34 ... 40	3RU2126-4FB0	5040.-	

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Type#	Unit LP ₹	Std. pkg. (nos.)
S2	11 ... 16	3RU2136-4AB0	5490.-	1
	14 ... 20	3RU2136-4BB0		
	18 ... 25	3RU2136-4DB0		
	22 ... 32	3RU2136-4EB0		
	28 ... 40	3RU2136-4FB0		
	36 ... 45	3RU2136-4GB0	6920.-	
	40 ... 50	3RU2136-4HB0	7380.-	
	47 ... 57	3RU2136-4QB0	8300.-	
	54 ... 65	3RU2136-4JB0	9215.-	
	62 ... 73	3RU2136-4KB0	9490.-	
	70 ... 80	3RU2136-4RB0	10095.-	
S3	28 ... 40	3RU2146-4FB0	8335.-	1
	36 ... 50	3RU2146-4HB0	8335.-	
	45 ... 63	3RU2146-4JB0	9265.-	
	57 ... 75	3RU2146-4KB0	9595.-	
	70 ... 90	3RU2146-4LB0	10165.-	
	80 ... 100	3RU2146-4MB0	12645.-	

* To order overload relays with spring-type terminals replace 10th digit from 'B' to 'C' (for S00, S0 size only)



Accessory for independent mounting

For size of relay	Relay type	Type	Unit LP ₹	Std. pkg. (nos.)
S00*	3RU21, 3RB30/31, 3RR21/22/24	3RU2916-3AA01	855.-	1
S0*	3RU21, 3RB30/31, 3RR21/22/24	3RU2926-3AA01	880.-	1
S2	3RU21, 3RB30/31, 3RR21/22/24	3RU2936-3AA01	1445.-	1
S3	3RU21/3RB30/3RB31	3RU2946-3AA01	1700.-	1

* To order terminal supports for overload relays with spring-type terminals replace 10th digit from 'A' to 'C' for S00, S0 only

Thermal Overload Relays - 3RU

Separate Mounting - Class 10

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	45	70 - 100	3RU2156-5BB10-8K	11240.-	1
	55	90 - 125	3RU2156-5CB10-8K	11885.-	1
	75	110 - 160	3RU2156-5DB10-8K	11905.-	1
	110	140 - 200	3RU2156-5EB10-8K		1
	45	70 - 100	3RU2156-5BW10-8K$		1
	55	90 - 125	3RU2156-5CW10-8K$		1
	75	110 - 160	3RU2156-5DW10-8K$		1
	110	140 - 200	3RU2156-5EW10-8K$		1
S10	110	140 - 200	3RU2166-5EB10-8K	15900.-	1
	132	180 - 250	3RU2166-5FB10-8K		1
	160	220 - 320	3RU2166-5GB10-8K		1
S12	200	280 - 400	3RU2176-5HB10-8K	20240.-	1
	250	350 - 500	3RU2176-5JB10-8K	20620.-	1

Separate Mounting - Class 30

Size of relay / contactor	Rating for induction motor Rated value kW	Set current value of the inverse-time delayed overload release A	Type*	Unit LP ₹	Std. pkg. (nos.)
S6	37	55 - 80	3RU2356-5AB10-8K	20240.-	1
	45	70 - 100	3RU2356-5BB10-8K		1
	55	90 - 125	3RU2356-5CB10-8K		1
	37	55 - 80	3RU2356-5AW10-8K$		1
	45	70 - 100	3RU2356-5BW10-8K$		1
	55	90 - 125	3RU2356-5CW10-8K$		1
S10	75	110 - 160	3RU2366-5DB10-8K		1
	110	140 - 200	3RU2366-5EB10-8K		1
S12	132	180 - 250	3RU2376-5FB10-8K		1
	160	220 - 320	3RU2376-5GB10-8K		1

*** For heavy duty applications (starting time > 10s), it is recommended to use 3RU class 30 relays to avoid nuisance tripping and reliable protection.**
$ Range available with straight through transformer

Microprocessor based overload relay - 3RB

Size	Current setting range A	3RB (Class 10) With overload, phase failure and phase unbalance protections		3RB (Class 20) With overload, phase failure and phase unbalance protections		3RB (Class 5 to 30 – Settable) With overload, phase failure and phase unbalance and earth fault protection		Std. pkg. (nos.)
		Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	
S00	0.1 ... 0.4	3RB3016-1RB0	5820.-	3RB3016-2RB0	7270.-	3RB3113-4RB0	12140.-	1
	0.32 ... 1.25	3RB3016-1NB0		3RB3016-2NB0		3RB3113-4NB0		1
	1 ... 4	3RB3016-1PB0		3RB3016-2PB0		3RB3113-4PB0		1
	3 ... 12	3RB3016-1SB0		3RB3016-2SB0		3RB3113-4SB0		1
	4 ... 16	3RB3016-1TB0		3RB3016-2TB0		3RB3113-4TB0		1
S0	0.1 ... 0.4	3RB3026-1RB0	6770.-	3RB3026-2RB0	8445.-	3RB3123-4RB0	12695.-	1
	0.32 ... 1.25	3RB3026-1NB0		3RB3026-2NB0		3RB3123-4NB0		1
	1 ... 4	3RB3026-1PB0		3RB3026-2PB0		3RB3123-4PB0		1
	3 ... 12	3RB3026-1SB0		3RB3026-2SB0		3RB3123-4SB0		1
	6 ... 25	3RB3026-1QB0		3RB3026-2QB0		3RB3123-4QB0		1
	10 ... 40	3RB3026-1VB0	7015.-	3RB3026-2VB0		3RB3123-4VB0		1
S2	12.5 ... 50	3RB3036-1UB0@	10260.-	3RB3036-2UB0@	12800.-	3RB3133-4UB0@	16570.-	1
	20 ... 80	3RB3036-1WB0@	15465.-	3RB3036-2WB0@	19350.-	3RB3133-4WB0@	21605.-	1
	12.5 ... 50	3RB3036-1UW1#	10260.-	3RB3036-2UW1#	12800.-	3RB3133-4UW1#	16570.-	1
	20 ... 80	3RB3036-1WW1#	15465.-	3RB3036-2WW1#	19350.-	3RB3133-4WW1#	21605.-	1
S3	12.5 ... 50	3RB3046-1UB0@	12165.-	3RB3046-2UB0@	15215.-	3RB3143-4UB0@	21620.-	1
	32 ... 115	3RB3046-1XB0@	15860.-	3RB3046-2XB0@	19915.-	3RB3143-4XB0@	22055.-	1
	12.5 ... 50	3RB3046-1UW1#	13030.-	3RB3046-2UW1#	16080.-	3RB3143-4UW1#	21960.-	1
	32 ... 115	3RB3046-1XW1#	15955.-	3RB3046-2XW1#	19915.-	3RB3143-4XW1#	22055.-	1
S6	50 ... 200	3RB2056-1FC2&	19490.-	3RB2056-2FC2&	24365.-	3RB2153-4FC2&	29165.-	1
S6	50 ... 200	3RB2056-1FW2$		3RB2056-2FW2$		3RB2153-4FW2$		1
S10/12	55 ... 250	3RB2066-1GC2&	21265.-	3RB2066-2GC2&	29605.-	3RB2163-4GC2&	29740.-	1
S10/12	160 ... 630	3RB2066-1MC2&	37845.-	3RB2066-2MC2&	47310.-	3RB2163-4MC2&	49005.-	1

* For size S00 & S0: To order relay with spring type terminals, please replace 10th digit from 'B' to 'E'

Devices with straight-through transformer for stand-alone installation

@ Devices with screw terminals for mounting onto contactor.

& Devices with busbar connection for mounting onto contactor or stand-alone installation.

$ Devices with straight-through transformer for mounting onto contactor with Box terminals or stand-alone installation.

Microprocessor based overload relay - 3RB22 / 3RB23

0.3 – 3 A
2.4 – 25 A

10 – 100 A

20 – 200 A

63 – 630 A

Current Measuring Module

+

- 0.1 mtr.
- 0.5 mtr.

Connecting Cable

+

- Overload Protection
- Trip Class 5 to 30 settable
- Thermistor motor protection
- Phase failure protection
- Phase unbalance protection
- Large setting range (1:10)
- Overload warning
- LED indication

Evaluation Module

Operator panels

- Analog Output (4-20mA)

- Internal earth fault protection
- Ground fault signaling
- Overload warning

Functional Module (Optional)

Evaluation modules

(Suitable with all current measuring modules)

Description	Type	Unit LP ₹	Std. pkg. (nos.)
3RB22 with monostable output	3RB2283-4AA1	23010.-	1
3RB23 with bistable output	3RB2383-4AA1	33135.-	1
3RB24 with Monostable output (Processing for I/O link)	3RB2483-4AA1	33930.-	1

Current measuring modules

Size	Current range	Type	Unit LP ₹	Std. pkg. (nos.)
S00/S0	0.3 to 3A	3RB2906-2BG1	14085.-	1
	2.4 to 25A	3RB2906-2DG1	14875.-	1
S2/S3	10 to 100A	3RB2906-2JG1	16425.-	1
S6	20 to 200A	3RB2956-2TG2	32105.-	1
S10/12	63 to 630A	3RB2966-2WH2	37060.-	1

Connecting cable

(For connection between evaluation module and current measuring module)

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Length 0.1 m (S00...S3)	3RB2987-2B	1285.-	1
Length 0.5 m (S00...S12)	3RB2987-2D	1875.-	1

Function modules for 3RB22 3RB23 (optional)

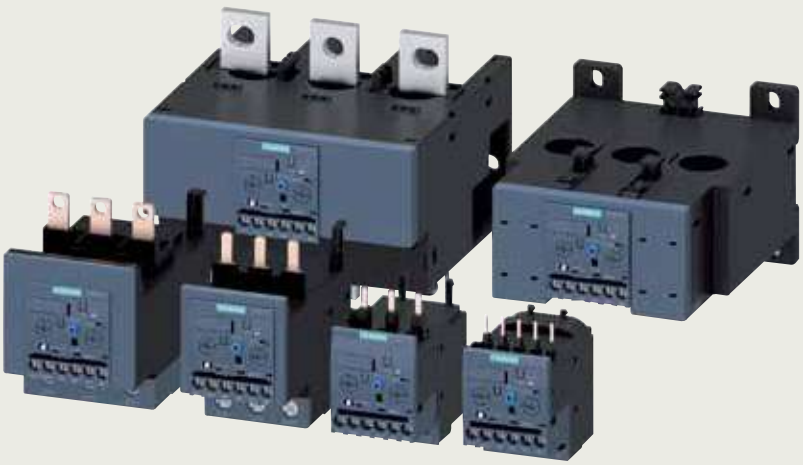
Description	Type	Unit LP ₹	Std. pkg. (nos.)
Overload warning + Analog output	3RB2985-2AA0	8875.-	1
Internal earth fault protection + Overload warning + Analog output	3RB2985-2AA1	14215.-	1
Internal earth fault (protection + signaling) + Analog output	3RB2985-2AB1		
Internal earth fault protection + Overload warning	3RB2985-2CA1	2715.-	1
Internal earth fault (protection + signaling)	3RB2985-2CB1		

Operator Panel module for 3RB24 (optional)

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Operator panels (set) One set comprises: • 1 x operator panel • 1 x 3RA6936-0A enabling module • 1 x 3RA6936-0B interface cover • 1 x fixing terminal	3RA6935-0A	113415.-	1
Connecting cables Length 2.5 m (round), for connecting the evaluation module to the operator panel	3UF7933-0BA00-0	5115.-	1

Accessories for 3RU2 Thermal overload relays and 3RB3 solid state overload relays

Accessory Type	Version	Size	3RU2 Thermal overload relay	3RB30/31 solid state overload relay	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Reset	Resetting plungers, holders & formers	S00, S0, S6-S12	✓	X	3RU2900-1A	975.-	1
	Resetting plungers, holders & formers		X	✓	3RB3980-0A	490.-	1
	Pushbuttons with extended stroke (12 mm), IP65, Dia 22 mm		✓	✓	3SU1200-0FB10-0AA0	2930.-	1
	Extension plungers		✓	✓	3SU1900-0KG10-0AA0	275.-	1
Cable releases with holder for RESET	Length 400mm	S00, S0, S6-S12	✓	X	3RU2900-1B	2735.-	1
	Length 600mm		✓	X	3RU2900-1C		1
	Length 400mm		X	✓	3RB3980-0B	4725.-	1
	Length 600mm		X	✓	3RB3980-0C		
Module for remote reset, electrical	24 ... 30 V AC/DC	S00, S0, S6-S12	✓	X	3RU1900-2AB71	3440.-	1
	110 ... 127 V AC/DC		✓	X	3RU1900-2AF71		
	220 ... 250 V AC/DC		✓	X	3RU1900-2AM71		
Sealable covers for covering the setting knob	For 3RB30/3RB31	S00, S0, S6-S12	X	✓	3RB3984-0	2240.-	1
	For 3RU2 / 3RV2		✓	X	3RV2908-0P	130.-	10
Terminal Covers for busbar connections	Length 55 mm	S3			3RT1946-4EA1	955.-	1
	Length 100 mm	S6	✓	✓	3RT1956-4EA1	1830.-	1
	Length 120 mm	S10, S12	✓	✓	3RT1966-4EA1	2415.-	1
Terminal Cover for Box Terminals	Length 20.6 mm	S2	✓	✓	3RT2936-4EA2	235.-	1
	Length 20.8 mm	S3	✓	✓	3RT2946-4EA2	665.-	1
	Length 25 mm	S6	✓	✓	3RT1956-4EA2	1070.-	1
	Length 30 mm	S10/12	✓	✓	3RT1966-4EA2	1885.-	1



Widest range
electronic
overload relays

Thermal overload relays - 3UA / 3UC

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
3UA50	Contactor@ mounting (3TF30/31)	0.1 – 0.16	3UA5000-0A	2355.-	1
		0.16 – 0.25	3UA5000-0C		
		0.25 – 0.4	■ 3UA5000-0E		
		0.4 – 0.63	■ 3UA5000-0G		
		0.63 – 1	■ 3UA5000-0J		
		0.8 – 1.25	■ 3UA5000-0K		
		1 – 1.6	■ 3UA5000-1A		
		1.25 – 2	■ 3UA5000-1B		
		1.6 – 2.5	■ 3UA5000-1C	2370.-	1
		2 – 3.2	■ 3UA5000-1D		
		2.5 – 4	■ 3UA5000-1E		
		3.2 – 5	■ 3UA5000-1F		
		4 – 6.3	■ 3UA5000-1G		
		5 – 8	■ 3UA5000-1H		
		6.3 – 10	■ 3UA5000-1J	2385.-	1
		8 – 12.5	■ 3UA5000-1K		1
		10 – 14.5	■ 3UA5000-2S		1
3UA52	Contactor@ mounting (3TF32/33)	1 – 1.6	3UA5200-1A	2450.-	1
		1.25 – 2	3UA5200-1B		1
		1.6 – 2.5	3UA5200-1C		1
		2 – 3.2	3UA5200-1D		1
		2.5 – 4	3UA5200-1E		1
		3.2 – 5	3UA5200-1F		1
		4 – 6.3	■ 3UA5200-1G	2455.-	1
		5 – 8	■ 3UA5200-1H		1
		6.3 – 10	■ 3UA5200-1J		1
		8 – 12.5	■ 3UA5200-1K		1
		10 – 16	■ 3UA5200-2A	2675.-	1
		12.5 – 20	■ 3UA5200-2B		1
		16 – 25	■ 3UA5200-2C		1
3UA55	Contactor@ mounting (3TF34/35, 44/45)	10 – 16	■ 3UA5500-2A	4180.-	1
		12.5 – 20	■ 3UA5500-2B		1
		16 – 25	■ 3UA5500-2C		1
		20 – 32	■ 3UA5500-2D		1
		25 – 36	■ 3UA5500-2Q	4350.-	1
		32 – 40	■ 3UA5500-2R		1
		36 – 45	■ 3UA5500-8M		1

Bimetal relay	Current type of mounting	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
3UA58-Z1	Contactor@ mounting (3TF46, 3TF47, 3TF48, 3TF49)	16 – 25	3UA5800-2CZ1	7540.-	1
		20 – 32	3UA5800-2DZ1		1
		25 – 40	3UA5800-2EZ1		1
		32 – 50	■ 3UA5800-2FZ1	6435.-	1
		40 – 57	■ 3UA5800-2TZ1		1
		50 – 63	■ 3UA5800-2PZ1	7540.-	1
		57 – 70	■ 3UA5800-2VZ1		1
		63 – 80	■ 3UA5800-2UZ1		1
		70 – 95	■ 3UA5800-8YZ1		1
3UA58-Z2	Contactor@ mounting (3TF47 7)	16 – 25	3UA5800-2CZ2	7540.-	1
		20 – 32	3UA5800-2DZ2	7510.-	1
		25 – 40	3UA5800-2EZ2	7510.-	1
		32 – 50	■ 3UA5800-2FZ2	6470.-	1
		40 – 57	■ 3UA5800-2TZ2		1
		50 – 63	■ 3UA5800-2PZ2	7585.-	1
		57 – 70	■ 3UA5800-2VZ2		1
		63 – 80	■ 3UA5800-2UZ2		1
3UA58 30	Contactor@ mounting (3TF50)	70 – 95	■ 3UA5830-5B	8305.-	1
		85 – 105	■ 3UA5830-5C	8465.-	1
		95 – 120	■ 3UA5830-5D		1
3UA62	Independent mounting	85 – 135	■ 3UA6230-5A	12070.-	1
		115 – 180	■ 3UA6230-5B		1
		160 – 250	■ 3UA6230-5C	16680.-	1
		200 – 320	■ 3UA6230-5D	17175.-	1
		250 – 400	■ 3UA6230-5E		1
3UA68		320 – 500	3UA6830-5F	22195.-	1
		400 – 630	3UA6830-5G		1

@ Can be converted to independent mounting using accessory.

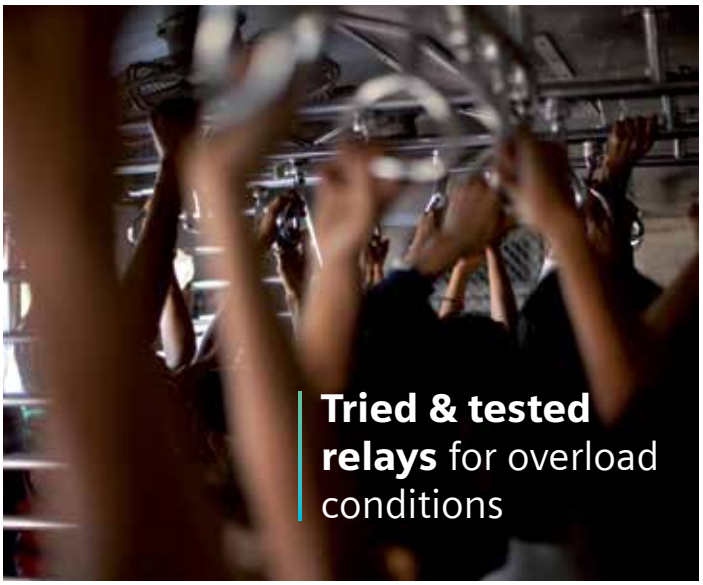
Relays for heavy starting applications, independent mounting

Current setting range A	Type	Unit LP ₹	Current setting range A	Type	Unit LP ₹	Std. pkg. (nos.)
2.5 – 4	3UC5030-5E	20985.-	40 – 63	3UC5830-5G	20985.-	1
4 – 6.3	3UC5030-5G		63 – 100	3UC6230-5J	21385.-	1
6.3 – 10	3UC5030-5J		100 – 160	3UC6230-5A		1
8 – 12.5	3UC5030-5K		125 – 200	3UC6630-5B		1
10 – 16	3UC5830-5A		160 – 250	3UC6630-5C		1
16 – 25	3UC5830-5C		250 – 400	3UC6630-5E		1
25 – 40	3UC5830-5E					

Note: Relays always supplied in manual execution, can be converted at site to auto execution.

Accessories for 3UA birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Accessory for independent mounting	3UA50	■ 3UX1418	545.-	1
	3UA52	■ 3UX1420	570.-	1
	3UA55	■ 3UX1425	695.-	1
	3UA58	■ 3UX1421	730.-	1
	3UA58 30	■ 3UX1421-0XA	790.-	1
Resetting plunger funnel	3UA5/6, 3UC5/6	3UX1011	255.-	10
		3UX1013		10
Reset cord + holder:	3UA5/6, 3UC5/6		350.-	
400 mm length		3UX1015		5
600 mm length		3UX1016		5
Protection cover	3UA58/3UA58 30	3UX11101YA	260.-	10
	Other 3UA5/6	3UX11111YA		10
Set of 3 terminals to convert from 3UA5800-2. or 3UA5800-2.Z2 to 3UA5800-2.Z1		3UX5811	200.-	10
3UA5800-2.Z1 or 3UA5800-2.Z2 to 3UA5800-2.		3UX5812		10
3UA5800-2. or 3UA5800-2.Z1 to 3UA5800-2.Z2		3UX5813		10



■ Stock items

MRP - Maximum Retail Price

LP - List Price

Motor Protection Circuit Breakers - 3RV

Class 10, without auxiliary switch, standard switching capacity, screw terminals

MPCB Specifications			MPCB with Standard release[1)]		MPCB with "relay function"[2)]		MPCB with "Mag only" Release[3)]		MPCB for transformer protection	
MPCB Size	MPCB rated current A	MPCB overload range A	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹	Type*	Unit LP ₹
S00	0.16	0.11...0.16	3RV2011-0AA10	5580.-	3RV2111-0AA10	7055.-	3RV2311-0AC10	5485.-	3RV2411-0AA10	9490.-
	0.2	0.14...0.2	3RV2011-0BA10		3RV2111-0BA10		3RV2311-0BC10		3RV2411-0BA10	
	0.25	0.18...0.25	3RV2011-0CA10		3RV2111-0CA10		3RV2311-0CC10		3RV2411-0CA10	
	0.32	0.22...0.32	3RV2011-0DA10		3RV2111-0DA10		3RV2311-0DC10		3RV2411-0DA10	
	0.4	0.28...0.4	3RV2011-0EA10		3RV2111-0EA10		3RV2311-0EC10		3RV2411-0EA10	
	0.5	0.35...0.5	3RV2011-0FA10	6445.-	3RV2111-0FA10	8140.-	3RV2311-0FC10	6305.-	3RV2411-0FA10	
	0.63	0.45...0.63	3RV2011-0GA10		3RV2111-0GA10		3RV2311-0GC10		3RV2411-0GA10	
	0.8	0.55...0.8	3RV2011-0HA10		3RV2111-0HA10		3RV2311-0HC10		3RV2411-0HA10	
	1	0.7...1	3RV2011-0JA10		3RV2111-0JA10		3RV2311-0JC10		3RV2411-0JA10	10045.-
	1.25	0.9...1.25	3RV2011-0KA10		3RV2111-0KA10		3RV2311-0KC10		3RV2411-0KA10	
	1.6	1.1...1.6	3RV2011-1AA10		3RV2111-1AA10		3RV2311-1AC10		3RV2411-1AA10	
	2	1.4...2	3RV2011-1BA10		3RV2111-1BA10		3RV2311-1BC10		3RV2411-1BA10	
	2.5	1.8...2.5	3RV2011-1CA10	6505.-	3RV2111-1CA10	8215.-	3RV2311-1CC10	6365.-	3RV2411-1CA10	
	3.2	2.2...3.2	3RV2011-1DA10	6225.-	3RV2111-1DA10	8445.-	3RV2311-1DC10	6545.-	3RV2411-1DA10	
	4	2.8...4	3RV2011-1EA10		3RV2111-1EA10		3RV2311-1EC10		3RV2411-1EA10	
	5	3.5...5	3RV2011-1FA10	6690.-	3RV2111-1FA10	8525.-	3RV2311-1FC10	6610.-	3RV2411-1FA10	10140.-
	6.3	4.5...6.3	3RV2011-1GA10		3RV2111-1GA10		3RV2311-1GC10		3RV2411-1GA10	
	8	5.5...8	3RV2011-1HA10	7175.-	3RV2111-1HA10	9070.-	3RV2311-1HC10	7020.-	3RV2411-1HA10	
	10	7...10	3RV2011-1JA10	7240.-	3RV2111-1JA10	9150.-	3RV2311-1JC10	7085.-	3RV2411-1JA10	11105.-
	12.5	9...12.5	3RV2011-1KA10	8025.-	3RV2111-1KA10	9675.-	3RV2311-1KC10	7515.-	3RV2411-1KA10	
	16	10...16	3RV2011-4AA10	9355.-	3RV2111-4AA10	10875.-	3RV2311-4AC10	8460.-	3RV2411-4AA10	
S0	16	10 ... 16	3RV2021-4AA10	9460.-	3RV2121-4AA10	11230.-	3RV2321-4AC10	8555.-	3RV2421-4AA10	11445.-
	20	13 ... 20	3RV2021-4BA10	10105.-	3RV2121-4BA10	12545.-	3RV2321-4BC10	9845.-	3RV2421-4BA10	12035.-
	22	16 ... 22	3RV2021-4CA10		3RV2121-4CA10		3RV2321-4CC10		3RV2421-4CA10	19985.-
	25	18 ... 25	3RV2021-4DA10		3RV2121-4DA10		3RV2321-4DC10		3RV2421-4DA10	22345.-
	28	23 ... 28	3RV2021-4NA10	17030.-	3RV2121-4NA10	28175.-	3RV2321-4NC10	16405.-	–	–
	32	27 ... 32	3RV2021-4EA10		3RV2121-4EA10		3RV2321-4EC10		–	–
	36	30 ... 36	3RV2021-4PA10	19465.-	–	–	3RV2321-4PC10	18925.-	–	–
	40	34 ... 40	3RV2021-4FA10		–	–	3RV2321-4FC10		–	–
S2	25	18 ... 25	3RV2031-4DA10	18160.-	3RV2131-4DA10	28770.-	3RV2331-4DC10	16740.-	3RV2431-4DA10	22810.-
	32	22 ... 32	3RV2031-4EA10		3RV2131-4EA10		3RV2331-4EC10		3RV2431-4EA10	27475.-
	36	28 ... 36	3RV2031-4PA10	19995.-	3RV2131-4PA10	31685.-	3RV2331-4PC10	19135.-	3RV2431-4PA10	30325.-
	40	32 ... 40	3RV2031-4UA10		3RV2131-4UA10		3RV2331-4UC10		3RV2431-4UA10	
	45	35 ... 45	3RV2031-4VA10	24415.-	3RV2131-4VA10	33285.-	3RV2331-4VC10	23080.-	3RV2431-4VA10	30895.-
	52	42 ... 52	3RV2031-4WA10		3RV2131-4WA10		3RV2331-4WC10		3RV2431-4WA10	
	59	49 ... 59	3RV2031-4XA10	25200.-	3RV2131-4XA10	34985.-	3RV2331-4XC10	23265.-	3RV2431-4XA10	32030.-
	65	54 ... 65	3RV2031-4JA10		3RV2131-4JA10		3RV2331-4JC10		3RV2431-4JA10	
	73	62 ... 73	3RV2031-4KA10	26440.-	3RV2131-4KA10	36740.-	3RV2331-4KC10	24435.-	–	–
	80	70 ... 80	3RV2031-4RA10		3RV2131-4RA10		3RV2331-4RC10		–	–
S3	50	36 ... 50	3RV2041-4HA10	25265.-	3RV2142-4HA10	35585.-	3RV2341-4HC10	23195.-	–	–
	63	45 ... 63	3RV2041-4JA10	25500.-	3RV2142-4JA10		3RV2341-4JC10	23410.-	–	–
	75	57 ... 75	3RV2041-4KA10	26770.-	3RV2142-4KA10	37410.-	3RV2341-4KC10	24595.-	–	–
	84	65 ... 84	3RV2041-4RA10		3RV2142-4RA10		3RV2341-4RC10		–	–
	93	75 ... 93	3RV2041-4YA10		3RV2142-4YA10		3RV2341-4YC10		–	–
	100	80 ... 100	3RV2041-4MA10	27015.-	3RV2142-4MA10		3RV2341-4MC10	24825.-	–	–

1) MPCB trips on SC and also on OL

2) MPCB trips on SC and opens contactor on OL

3) MPCB trips on SC

* Spring type terminals are not available for relay function MPCB 3RV21

* 3RV20 and 3RV23: For ordering spring type terminal please replace 11th digit from "1" to "2" (available upto 32A in S00 and S0 only)

Standard packing for all above products is 1 no.

Class 10, without auxiliary switch, increased switching capacity (100kA), screw terminals

MPCB Specifications			MPCB with Standard release[1)]		MPCB with "relay function"[2)]		MPCB with "Mag only" Release[3)]	
MPCB Size	MPCB rated current A	MPCB overload range A	Type	Unit LP ₹	Type	Unit LP ₹	Type	Unit LP ₹
S2	25	18 ... 25	3RV2032-4DA10	23340.-	-	-	3RV2332-4DC10	20105.-
	32	22 ... 32	3RV2032-4EA10	25270.-	-	-	3RV2332-4EC10	
	36	28 ... 36	3RV2032-4PA10	27210.-	-	-	3RV2332-4PC10	22345.-
	40	32 ... 40	3RV2032-4UA10	29285.-	-	-	3RV2332-4UC10	27670.-
	45	35 ... 45	3RV2032-4VA10	32395.-	-	-	3RV2332-4VC10	
	52	42 ... 52	3RV2032-4WA10	32695.-	-	-	3RV2332-4WC10	27920.-
	59	49 ... 59	3RV2032-4XA10	32980.-	-	-	3RV2332-4XC10	
	65	54 ... 65	3RV2032-4JA10		-	-	3RV2332-4JC10	
	73	62 ... 73	3RV2032-4KA10	37455.-	-	-	3RV2332-4KC10	29325.-
	80	70 ... 80	3RV2032-4RA10	39470.-	-	-	3RV2332-4RC10	
S3	40	28 ... 40	3RV2042-4FA10	29330.-	3RV2142-4FA10	32385.-	3RV2342-4FC10	29890.-
	50	36 ... 50	3RV2042-4HA10	32845.-	3RV2142-4HA10	35585.-	3RV2342-4HC10	31725.-
	63	45 ... 63	3RV2042-4JA10	33295.-	3RV2142-4JA10		3RV2342-4JC10	
	75	57 ... 75	3RV2042-4KA10	38035.-	3RV2142-4KA10	37410.-	3RV2342-4KC10	33310.-
	84	65 ... 84	3RV2042-4RA10	39720.-	3RV2142-4RA10		3RV2342-4RC10	
	93	75 ... 93	3RV2042-4YA10		3RV2142-4YA10		3RV2342-4YC10	
	100	80 ... 100	3RV2042-4MA10	40090.-	3RV2142-4MA10		3RV2342-4MC10	33620.-

Class 20, without auxiliary switch, screw terminals

MPCB Specifications					MPCB with Standard release[1)]		Std. pkg. (nos.)
MPCB Size	MPCB rated current A	MPCB overload range A	MPCB Short circuit setting A	Breaking capacity kA	Type[1)]	Unit LP ₹	
S2	14	9.5 ... 14	208	65	3RV2031-4SB10	22300.-	1
	17	12 ... 17	260	65	3RV2031-4TB10		1
	20	14 ... 20	260	65	3RV2031-4BB10		1
	25	18 ... 25	325	65	3RV2031-4DB10	24645.-	1
	32	22 ... 32	416	65	3RV2031-4EB10	26385.-	1
	36	28 ... 36	520	65	3RV2031-4PB10	27745.-	1
	40	32 ... 40	585	65	3RV2031-4UB10	29240.-	1
	45	35 ... 45	650	65	3RV2031-4VB10	31965.-	1
	52	42 ... 52	741	65	3RV2031-4WB10	32465.-	1
	59	49 ... 59	845	65	3RV2031-4XB10	32825.-	1
	65	54 ... 65	845	65	3RV2031-4JB10		1
S3	40	28 ... 40	520	100	3RV2042-4FB10	34015.-	1
	50	36 ... 50	650	100	3RV2042-4HB10		1
	63	45 ... 63	819	100	3RV2042-4JB10		1
	75	57 ... 75	975	100	3RV2042-4KB10		1
	84	65 ... 84	1170	100	3RV2042-4RB10		1
	93	75 ... 93	1300	100	3RV2042-4YB10		1
	100	80 ... 100	1300	100	3RV2042-4MB10	34330.-	1

1) MPCB trips on SC and also on OL 2) MPCB trips on SC and opens contactor on OL 3) MPCB trips on SC

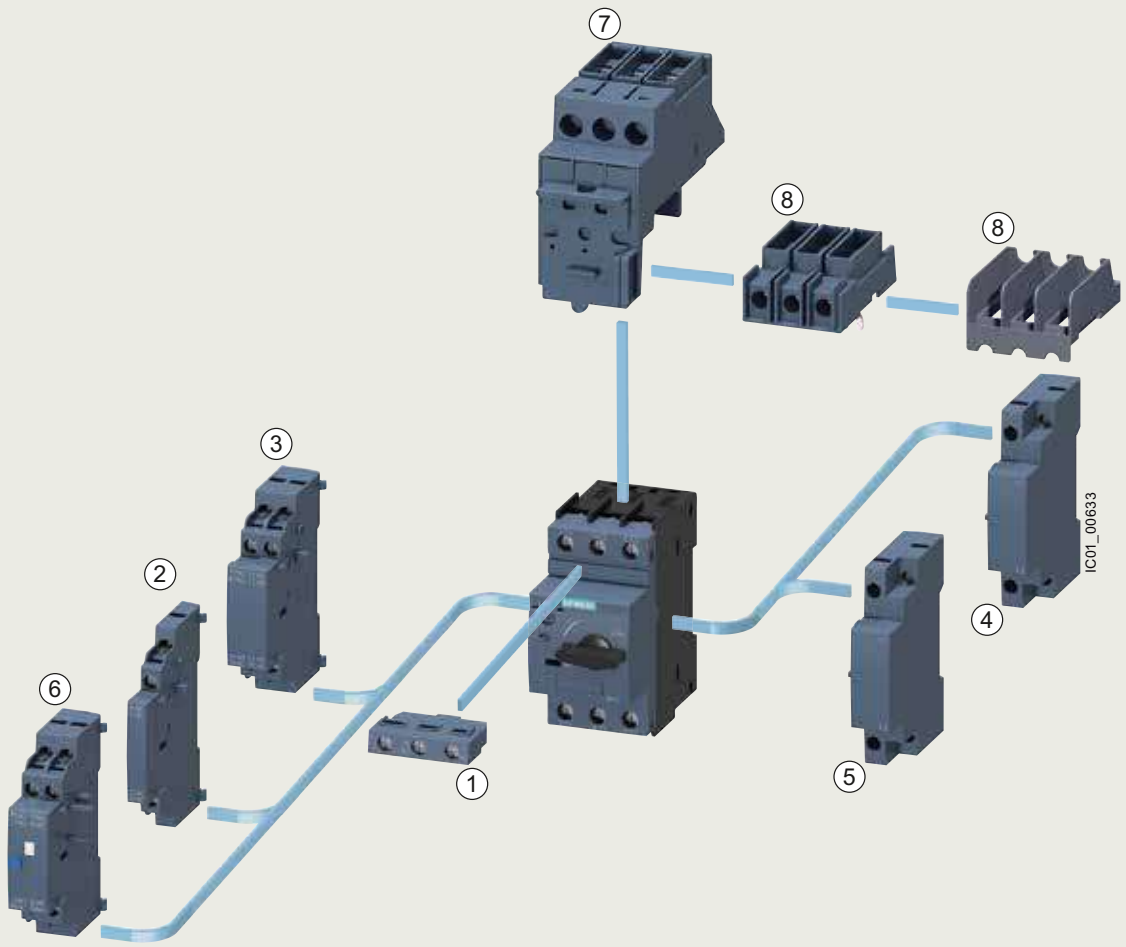
Standard packing for all above products is 1 no.

Circuit breaker size S00 for motor protection, Toggle Switch

Rating	Type *	Unit LP ₹	Rating	Type *	Unit LP ₹
0.11...0.16	3RV1011-0AA10	5260.-	1.1...1.6	3RV1011-1AA10	6500.-
0.14 ... 0.2	3RV1011-0BA10		1.4 ... 2	3RV1011-1BA10	
0.18...0.25	3RV1011-0CA10		1.8...2.5	3RV1011-1CA10	
0.22 ... 0.32	3RV1011-0DA10	5560.-	2.2 ... 3	3RV1011-1DA10	6525.-
0.28...0.4	3RV1011-0EA10		2.8...4	3RV1011-1EA10	6815.-
0.35 ... 0.5	3RV1011-0FA10	6455.-	3.5 ... 5	3RV1011-1FA10	
0.45...0.63	3RV1011-0GA10		4.5 ... 6	3RV1011-1GA10	
0.55 ... 0.8	3RV1011-0HA10		5.5 ... 8	3RV1011-1HA10	
0.7...1	3RV1011-0JA10		7 ... 10	3RV1011-1JA10	
0.9 ... 1.25	3RV1011-0KA10	6500.-	9 ... 12	3RV1011-1KA10	7485.-

Standard packing for all above products is 1 no.

* Use with accessories for 3RV2.



Accessories **complimenting the application**

Mountable accessories

1. Transverse auxiliary switch
2. Lateral auxiliary switch with 2 contacts
3. Lateral auxiliary switch with 4 contacts
4. Shunt release (can not be used with 3RV21 motor starter protectors)
5. Undervoltage release without/with leading contacts (can not be used with 3RV21 motor starter protectors)
6. Signaling switch (can not be used with 3RV27 and 3RV28 circuit breakers)
7. Isolator module (can not be used with 3RV2.4, 3RV27 and 3RV28 circuit breakers)
8. Terminal block type E or phase barriers

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Accessories for 3RV2

Mountable accessories

Type of accessory	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Transverse auxiliary switches With screw terminals, mountable on front	1 CO	S00 ... S3	3RV2901-1D#	955.-	1
	1 NO + 1 NC	S00 ... S3	3RV2901-1E	1225.-	1
	2NO	S00 ... S3	3RV2901-1F	1250.-	1
Transverse auxiliary switches for operation in dusty atmospheres and in solid-state circuits with low operating currents	1 CO	S00 ... S3	3RV2901-1G#	3770.-	1
Covers for transverse auxiliary switches		S00 ... S3	3RV2901-0H#	560.-	10
Lateral auxiliary switches with screw terminals mountable on the left	1 NO + 1 NC	S00 ... S3	3RV2901-1A	1355.-	1
	2 NO		3RV2901-1B	1270.-	1
	2 NC		3RV2901-1C		1
	2 NO + 2 NC		3RV2901-1J#	2170.-	1
Signaling switches (Alarm contacts) Mountable on the left side	Separate tripped and short-circuit alarms, 1 NO + 1 NC each	S00 ... S3	3RV2921-1M	2345.-	1
Isolator modules (for isolating individual MPCB)	Lockable in disconnected position	S00, S0	3RV2928-1A#	4955.-	1
		S2 (Up to 65A only)	3RV2938-1A#	5940.-	1
Fuse Monitoring MPCB		S00	3RV16110BD10	9410.-	1

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

Type of accessory@	Version	MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Undervoltage trip units, Screw terminals	24 V DC	S00 ... S3	3RV2902-1AB4#	9090.-	1
	110 V AC 50Hz / 120 V AC 60Hz		3RV2902-1AF0#	3370.-	1
	230 V AC 50Hz / 240 V AC 60Hz		3RV2902-1AP0		1
	400 V AC 50Hz / 440 V AC 60Hz		3RV2902-1AV0		1
Shunt trip units, Screw terminals	20...24V 50/60 Hz (100% ON period)		3RV2902-1DB0		1
	20...70V 50/60Hz, DC (5s ON period)				
	90...110V 50/60 Hz (100% ON period)		3RV2902-1DF0		1
	70...190V 50/60Hz, DC (5s ON period)				
	210...240V 50/60 Hz (100% ON period)		3RV2902-1DP0		1
	190...330V 50/60Hz, DC (5s ON period)				
	350...415V 50/60 Hz (100% ON period)		3RV2902-1DV0#		1
	330...500V 50/60Hz, DC (5s ON period)				

Spring type terminals are not available for this accessory

* For ordering with spring type terminals, please replace 8th digit from '1' to '2'

@ One auxiliary release can be mounted on the right side. (does not apply to 3RV11 motor starter protectors with overload relay function)

Accessories for 3RV2 / 3RV1

Fixing accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Push-in lugs	For screwing the motor starter protector onto mounting plates. For each motor starter protector, 2 units are required.	For 3RV1: S00,S0	3RB1900-0B	30.-	(1pack = 10 pcs)
Push-in lugs		For 3RV2: S00,S0	3RV2928-0B	25.-	(1pack = 10 pcs)

Enclosure With EMERGENCY STOP rotary operating mechanism, Lockable in 0 position

Degree of protection	Integrated terminals	Installation width (for switch + lateral auxiliary switch)	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
IP55	N and PE	54 mm	S00, S0	3RV1923-1FA00	2370.-	1
		82 mm	S2	3RV1933-1GA00	7720.-	1

Accessories for 3RV2 / 3RV1

Door-coupling rotary operating mechanism

Description	Size	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, padlocking facility. Extension shaft 300mm (fixed coupler) Breaker operating kit & front drive for size	S00, S0	3RV19261B-Z@	3805.-	1
	S2	3RV19361B-Z@	4205.-	1
	S3$	3RV19461B-Z@	5530.-	1
Front drive – fixed coupler (available as spare)	S00, S0, S2, S3	8UC626#	1285.-	1

@ One set available with breaker operator kit and 8UC front drive together

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$ To use door-operating mechanism, on 3RV2 - Size S3, the knob attachment on breaker must be disassembled.

Busbar accessories

Type of accessory	Version	Conductor cross-section			For MPCB size	Type	Unit LP ₹	Std. pkg. (nos.)
		Solid or stranded	Finely stranded with end sleeve	AWG cable, solid or stranded				
		mm²	mm²	AWG				
3-phase Infeed terminals	Connection from top	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2925-5AB	1845.-	1
		2 x (2.5 ... 50)2)	2 x (2.5 ... 35)2)	2 x (10.. 1/0)2)	3RV2 S2	3RV2935-5A	1940.-	1
		1 x (2.5 ... 70)2)	1 x (2.5 ... 50)2)	1 x (10 ... 2/0)2)				
	Connection from bottom*	2.5...25	2.5...16	10 ... 4	3RV2 S00, S0	3RV2915-5B		1

* This terminal is connected in place of a switch, please take the space requirement into account.

2) If two different conductor cross-sections are connected to one clamping point, both cross-sections must be in the range specified.

Accessories for 3RV2 / 3RV1

Busbar accessories

Type of accessory[1]	Modular spacing mm	Number of MPCBs that can be connected: Without lateral accessories	With lateral auxiliary switch	Incl. auxiliary release	Current rating at 690V A	For MPCB size *	Type	Unit LP ₹	Std. pkg. (nos.)
3-phase busbar system	45[3]	2	–	–	63	S00, S0	3RV1915-1AB	1560.-	1
		3	–	–		S00, S0	3RV1915-1BB	1670.-	1
		4	–	–		S00, S0	3RV1915-1CB	2370.-	1
		5	–	–		S00, S0	3RV1915-1DB	2685.-	1
	55[4]	–	2	–		S00, S0	3RV1915-2AB	1595.-	1
		–	3	–		S00, S0	3RV1915-2BB	1670.-	1
		–	4	–		S00, S0	3RV1915-2CB	2275.-	1
		–	5	–		S00, S0	3RV1915-2DB	2685.-	1
		2			108	S2	3RV1935-1A	2290.-	1
		3					3RV1935-1B	2875.-	1
		4					3RV1935-1C	3520.-	1
	63[5]	–	–	2	63	S00, S0	3RV1915-3AB	2060.-	1
		–	–	4		S00, S0	3RV1915-3CB	2695.-	1
	75[5]	–	2	2	108	S2	3RV1935-3A	3520.-	1
		–	3	3			3RV1935-3B	3275.-	1
		–	4	4			3RV1935-3C	4630.-	1
Covers for connection tags (Touch protection for empty positions)						S00, S0	3RV1915-6AB	235.-	10
						S2	3RV1935-6A	425.-	5

1) Not suitable for 3RV21 MPCBs with overload relay function
3) Auxiliary releases and lateral auxiliary switches cannot be used in combination.
4) For 3RV2 MPCB with auxiliary switches 2 NO and 2 NC mounted on the left (9 mm wide).
5) For 3RV2 MPCB with mounted accessories (18 mm wide). Auxiliary switches with 2 NO + 2 NC or signaling switch (mounted on the left) or with auxiliary release (mounted on the right).
* Approved for motor starter protectors size S0 , up to 32 A.

Mounting accessories

Type of accessory	Version	For MPCB size	Type*	Unit LP ₹	Std. pkg. (nos.)
Scale covers, for covering the set current scale		3RV20, 3RV21,3RV24: S00 ... S2	3RV2908-0P	130.-	10
Covers for devices with box terminals	2 units required per device (Main current level)	3RV2 S2	3RT2936-4EA2	235.-	1

Continuing the Legacy...

3VS Motor Protection Circuit Breakers

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MPCBs for motor protection

Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	4120.-	3VS1300-1MB00	4940.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00		1
0.4 - 0.6	3VS1300-0ME00	4795.-	3VS1300-1ME00	5620.-	1
0.6 - 1	3VS1300-0MF00		3VS1300-1MF00	5670.-	1
1 - 1.6	3VS1300-0MG00	4830.-	3VS1300-1MG00	5725.-	1
1.6 - 2.4	3VS1300-0MH00		3VS1300-1MH00		1
2 - 3.2	3VS1300-0NH00	5055.-	3VS1300-1NH00	5780.-	1
2.4 - 4	3VS1300-0MJ00		3VS1300-1MJ00		1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00		3VS1300-1MK00		1
5 - 8	3VS1300-0NK00		3VS1300-1NK00	5835.-	1
6 - 10	3VS1300-0ML00	5105.-	3VS1300-1ML00	5835.-	1
8 - 13	3VS1300-0NL00	5865.-	3VS1300-1NL00	6585.-	1
10 - 16	3VS1300-0MM00	6140.-	3VS1300-1MM00	6895.-	1
14 - 20	3VS1300-0MN00	6260.-	3VS1300-1MN00	7025.-	1
18 - 25	3VS1300-0MP00	6980.-	3VS1300-1MP00	7495.-	1
6 - 10	3VS1600-0ML00	11410.-	3VS1600-1ML00	12870.-	1
10 - 16	3VS1600-0MM00	11410.-	3VS1600-1MM00		1
16 - 25	3VS1600-0MN00	12585.-	3VS1600-1MN00	14105.-	1
22 - 32	3VS1600-0MP00	13375.-	3VS1600-1MP00	14235.-	1
28 - 40	3VS1600-0MQ00	15030.-	3VS1600-1MQ00	15795.-	1
36 - 52	3VS1600-0MR00		3VS1600-1MR00		1

Accessories are common for 3VS & 3VU

Accessories for 3VS/3VU

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	1200.-	1
Short-circuit signal-ing switch	1 NO + 1 NC	■ 3VU9131-7AA00	1380.-	1
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15	3290.-	1
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	3VU9132-0AB55 3VU9132-0AB50 3VU9132-0AB73	3255.- 3290.- 3290.-	1 1 1
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00	885.-	1

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Three-phase busbar for 3VS13/3VU13 only	In feed terminal (63 A)	3VU9135-1BB01	1645.-	1
	busbars for 2 MPCBs	3VU9135-1AB02	1315.-	1
	busbars for 3 MPCBs	3VU9135-1AB03	1590.-	1
	busbars for 4 MPCBs	3VU9135-1AB04	2045.-	1
	busbars for 5 MPCBs	3VU9135-1AB05	2300.-	1
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13/3VU13 for 3VS16/3VU16	■ 3VU9133-Z@ ■ 3VU9163-Z@	3415.- 3635.-	1 1
Front drive for 3VS & 3VU	Fixed coupler	■ 8UC616#	1135.-	1

@ 1 set available with breaker operator kit and 8UC front drive together

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3TF-3VS/3VU Connector**

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current	Type Rating	AC3 Current Rating			
3VS13/ 3VU13	0.16 to 20A	3TF30 / 31	9 / 12 A	3TS9001-8K	390.-	1
3VS13/ 3VU13	6 to 25A	3TF32 / 33	16 / 22A	3TS9002-8K	460.-	1

** For more details refer page no. 38

■ Stock items

Please order in multiples of standard packing.

LP - List Price

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From 1.5 - 55 kW
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- Intrinsic device protection to protect against thermal overloading of thyristors.
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3RW50
From 75 to 315 kW
- Soft starting and smooth ramp-down due to soft torque function
- Hybrid-switching technology with 2-phase control
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- ATEX/IECEx certified – hence suitable for motors in potentially explosive atmosphere
- Optional HMI modules and communication modules (external connection)
- Optional TIA integration

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200-480	1.5	3.6/3.3/3	3RW3013-1BB$4	16395.-	1
200-480	3	6.5/6/5.5	3RW3014-1BB$4	19025.-	1
200-480	4	9/8/7	3RW3016-1BB$4	21800.-	1
200-480	5.5	12.5/12/11	3RW3017-1BB$4	25825.-	1
200-480	7.5	17.6/17/14	3RW3018-1BB$4	31085.-	1
200-480	11	25.3/23/21	3RW3026-1BB$4	34335.-	1
200-480	15	32.2/29/26	3RW3027-1BB$4	44845.-	1
200-480	18.5	38/34/31	3RW3028-1BB$4	55990.-	1
200-480	22	45/42/39	3RW3036-1BB$4	60930.-	1
200-480	30	65/58/53	3RW3037-1BB$4	82880.-	1
200-480	37	72/62.1/60	3RW3038-1BB$4	102055.-	1
200-480	45	80/73/66	3RW3046-1BB$4	114430.-	1
200-480	55	106/98/90	3RW3047-1BB$4	126800.-	1

$ Order No. supplement for rated control supply voltage Us • 24 V AC/DC 0 • 110 ... 230 V AC/DC 1

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	12.5 / 11 / 10	3RW4024-1BB$4	45115.-	1
200...480	11	25 / 23 / 21	3RW4026-1BB$4	55735.-	1
200...480	15	32 / 29 / 26	3RW4027-1BB$4	69040.-	1
200...480	18.5	38 / 34 / 31	3RW4028-1BB$4	84965.-	1
200...480	22	45 / 42 / 39	3RW4036-1BB$4	96325.-	1
200...480	30	63 / 58 / 53	3RW4037-1BB$4	113770.-	1
200...480	37	72 / 62 / 60	3RW4038-1BB$4	128925.-	1
200...480	45	80 / 73 / 66	3RW4046-1BB$4	145370.-	1
200...480	55	106 / 98 / 90	3RW4047-1BB$4	161810.-	1

$ Control Voltage Code: • 24 V AC/DC 0 • 110 ... 230 V AC/DC 1

For ordering 3RW40 soft starters with thermistor protection in the above range:
– Add ₹ 10425.- to corresponding prices and
– Change the 9th digit in the type reference to 'T' from 'B'.

NEW

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200 ... 480	75	143 / 128	3RW5055-6AB$4	193960.-	1
200 ... 480	90	171 / 153	3RW5056-6AB$4	239605.-	1
200 ... 480	110	210 / 186	3RW5072-6AB$4	266860.-	1
200 ... 480	132	250 / 220	3RW5073-6AB$4	273825.-	1
200 ... 480	160	315 / 279	3RW5074-6AB$4	330885.-	1
200 ... 480	200	370 / 328	3RW5075-6AB$4	365100.-	1
200 ... 480	250	470 / 416	3RW5076-6AB$4	399330.-	1
200 ... 480	315	570 / 504	3RW5077-6AB$4	426875.-	1

$ Control Voltage Code: • 24 V AC/DC 0 • 110 ... 230 V AC/DC 1

– For 3RW50 with operating voltage Ue 200...600V AC: Change the last digit of MLFB from "4" to "5" and increase the standard operating voltage list price by 15%.
– For 3RW50 with thermistor motor protection change the 9th digit of MLFB from "A" to "T"

SIRIUS 3RW52-Standard Applications

From 5.5 - 315kW

- Main Voltage: 200-480V & 200-600V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 10A, 10E, 20E
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: Standard and High features HMI (Optional)

Rated operating voltage Ue, in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	**3RW5213-1AC$4**	**76195.-**	**1**
200...480	7.5	15	18/15.9	**3RW5214-1AC$4**	**84660.-**	**1**
200...480	11	18.5	25/22.3	**3RW5215-1AC$4**	**97350.-**	**1**
200...480	15	22	32/28.4	**3RW5216-1AC$4**	**102885.-**	**1**
200...480	18.5	30	38/33.5	**3RW5217-1AC$4**	**121270.-**	**1**
200...480	22	45	47/41.6	**3RW5224-1AC$4**	**128610.-**	**1**
200...480	30	55	63/55.5	**3RW5225-1AC$4**	**154340.-**	**1**
200...480	37	75	77/68	**3RW5226-1AC$4**	**183730.-**	**1**
200...480	45	90	93/82.5	**3RW5227-1AC$4**	**231480.-**	**1**
200...480	55	110	113/101	**3RW5234-6AC$4**	**268240.-**	**1**
200...480	75	132	143/128	**3RW5235-6AC$4**	**293960.-**	**1**
200...480	90	160	171/151	**3RW5236-6AC$4**	**303440.-**	**1**
200...480	110	200	210/186	**3RW5243-6AC$4**	**313675.-**	**1**
200...480	132	250	250/220	**3RW5244-6AC$4**	**340570.-**	**1**
200...480	160	315	315/279	**3RW5245-6AC$4**	**367445.-**	**1**
200...480	200	355	370/328	**3RW5246-6AC$4**	**433585.-**	**1**
200...480	250	400	470/416	**3RW5247-6AC$4**	**492935.-**	**1**
200...480	315	560	570/504	**3RW5248-6AC$4**	**624645.-**	**1**

$ Control voltage code: • 24V AC/DC **0** • 110----250 V AC **1**

* – For 3RW52 with operating voltage Ue 200...600V AC - change the last digit of MLFB from "4" to "5" and increase the standard operating voltage list price by 15%.
– For 3RW52 with thermistor motor protection, change the 9th digit of MLFB from "A" to "T"

Note: Commissioning service is available at extra cost.

In the event of deviating conditions or higher switching frequency, it may be necessary to choose a larger unit.

Siemens recommends use of selection and simulation program Simulation Tool for Soft Starters (STS).

Refer technical specifications for more details.

For more details, please visit: www.siemens.com/softstarter

Soft Starter selection made handy!

with few clicks on your mobile

SIRIUS STS SIEMENS

Download on the App Store

GET IT ON Google Play

3RW55: for heavy duty and high end applications

From 5.5 - 315 kW

NEW

- Main Voltage:200-480V & 200-690V
- Bypass System: Integrated (Hybrid technology)
- Controlled Phases: 3
- Connection Type: Standard & Inside Delta
- Control Voltage: 24V AC/DC & 110-250V AC
- Motor over load protection class: 5/10/15/20/30
- Analog output: 0-10V & 4-20mA (Optional)
- Communication protocol (Optional) - PN-Std, PN-HF, PB, MB-TCP, MB-RTU
- Operator Panel: High features HMI
- Optionally available Failsafe Variant
- With unique Autoparameterisation feature

Rated operating voltage Ue, in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current Ie (AC-53a) A (40°C/50°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...480	5.5	11	13/11.5	3RW5513-1HA$4	93595.-	1
200...480	7.5	15	18/15.9	3RW5514-1HA$4	99560.-	1
200...480	11	18.5	25/22.3	3RW5515-1HA$4	117135.-	1
200...480	15	22	32/28.4	3RW5516-1HA$4	137805.-	1
200...480	18.5	30	38/33.5	3RW5517-1HA$4	162430.-	1
200...480	22	45	47/41.6	3RW5524-1HA$4	172260.-	1
200...480	30	55	63/55.5	3RW5525-1HA$4	206715.-	1
200...480	37	75	77/68	3RW5526-1HA$4	246085.-	1
200...480	45	90	93/82.5	3RW5527-1HA$4	310060.-	1
200...480	55	110	113/101	3RW5534-6HA$4	359285.-	1
200...480	75	132	143/128	3RW5535-6HA$4	393755.-	1
200...480	90	160	171/151	3RW5536-6HA$4	406435.-	1
200...480	110	200	210/186	3RW5543-6HA$4	420150.-	1
230...480	132	250	250/220	3RW5544-6HA$4	456170.-	1
230...480	160	315	315/279	3RW5545-6HA$4	492160.-	1
230...480	200	355	370/328	3RW5546-6HA$4	580755.-	1
230...480	250	400	470/416	3RW5547-6HA$4	660250.-	1
230...480	315	560	570/504	3RW5548-6HA$4	836685.-	1
200...480	355	630	630/561	3RW5552-6HA$4	1105900.-	1
200...480	400	710	720/641	3RW5553-6HA$4	Upon Request	1
200...480	450	800	840/748	3RW5554-6HA$4		1
200...480	560	1000	1100/979	3RW5556-6HA$4		1
200...480	710	1200	1280/1139	3RW5558-6HA$4		1

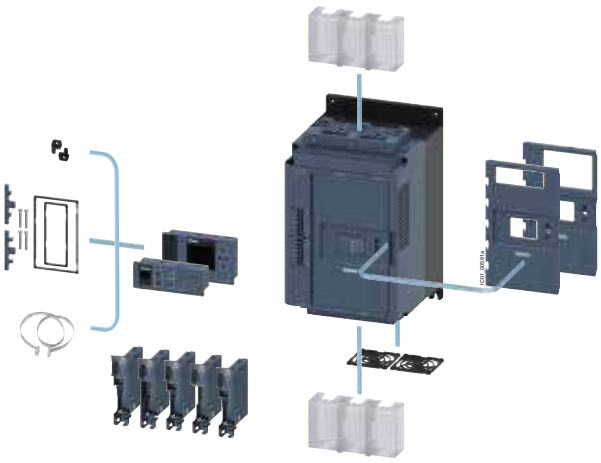
$ Control voltage code: • 24V AC/DC 0 • 115----250 V AC 1

– For 3RW55 with operating voltage Ue 200...690V AC: Change the last digit of MLFB from "4" to "6" and increase the standard operating voltage list price by 30%.

– For 3RW55 with fail safe variant: Change the 10th digit of MLFB from "A" to "F" and increase the standard operating voltage list price by 15% (available up to 315kW)

Accessories for 3RW55/3RW52

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Profibus communication module		3RW5980-0CP00	48065.-	1
ProfiNET communication module		3RW5980-0CS00	54075.-	1
Modbus TCP		3RW5980-0CT00	48065.-	1
External display - Standard HMI		3RW5980-0HS00	16835.-	1
External display - High Featured HMI		3RW5980-0HF00	48630.-	1
Connection cable for Door Mounting of HMI display module	(5 mtr - Flat)	3RW5980-0HC60	11675.-	1
	(0.1 mtr - Flat)	3UF7931-0AA00-0	1430.-	1
	(0.5 mtr - Flat)	3UF7932-0BA00-0	4275.-	1
	(1 mtr - Round)	3UF7937-0BA00-0	4755.-	1
	(2.5 mtr - Round)	3UF7933-0BA00-0	5115.-	1
SIRIUS Soft Starter ES V16 Professional	License key on USB flash drive	3ZS1320-6CC12-0YA5	122360.-	1
	License key downloaded	3ZS1320-6CE12-0YB5	115920.-	1



Note: Commissioning service is available at extra cost.

Siemens recommends use of selection and simulation program Simulation Tool for Soft Starters (STS).

For more details, please visit: www.siemens.com/softstarter

LP - List Price

Simple installation
Thanks to push-in technology.

Wide range of performance
For motors up to 5.5 kW.

Hybrid switching technology
Durable and energy-saving, since relay contacts are not subject to loading.

Safety Integrated
Versatile safety solutions: shutdown via SIMATIC F-CPU or SIRIUS 3SK safety relay.

Quick stop and limit position disconnector
Load switch off even at high speed – independent of central controller.

Space requirements reduced by up to 50%
Just 30 mm wide, it is much slimmer than other distributed I/O systems.

Power bus
Automatic setup with side-by-side mounting of multiple modules.

ET 200SP - Motor starters up to 5.5 kW

Compact & Intelligent

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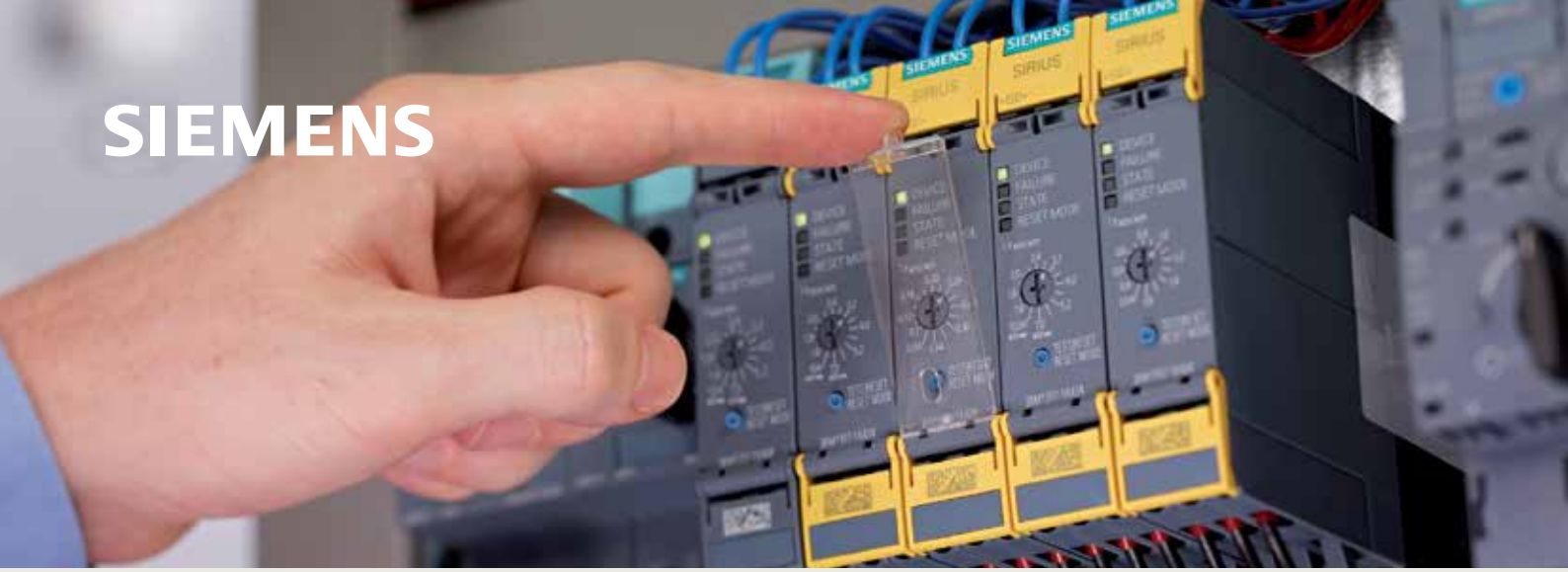


Start-up with a small footprint – **SIRIUS 3RM1 Motor Starter**

Multifunctional with a width of just 22.5mm

www.siemens.co.in

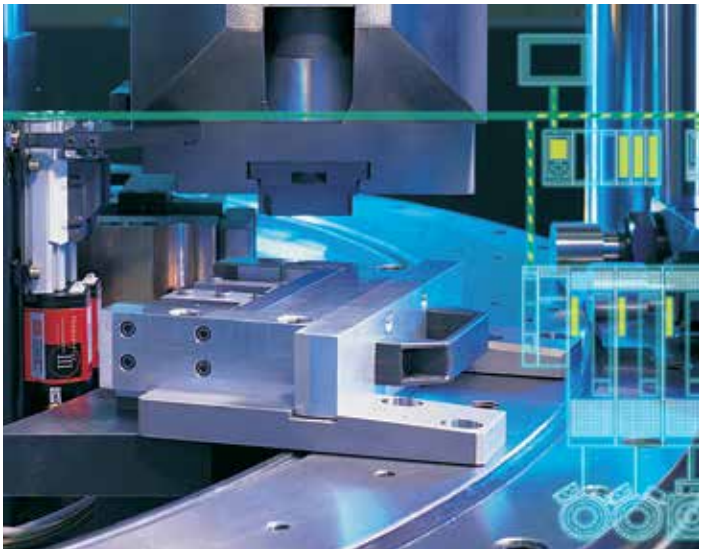
3RM1 Compact Starters – DOL and RDOL

Rated operational voltage Ue	Description	Type	Unit LP ₹
48--500V	DOL, upto 0.12KW	**3RM10011AA.4**	**31230.-**
48--500V	DOL, 0.09 to 0.75KW	**3RM10021AA.4**	**31230.-**
48--500V	DOL, 0.55 to 3KW	**3RM10071AA.4**	**31230.-**
48--500V	RDOL, upto 0.12KW	**3RM12011AA.4**	**34000.-**
48--500V	RDOL, 0.09 to 0.75KW	**3RM12021AA.4**	**34000.-**
48--500V	RDOL, 0.55 to 3KW	**3RM12071AA.4**	**34000.-**

Control voltage code @50Hz: • 24V AC/DC 0 • 110---230V AC,110V DC 1

Accessories

Description	Type	Unit LP ₹
3-phase busbar for 2 3RM1	**3RM19101AA**	**Upon Request**
3-phase busbar for 3 3RM1	**3RM19101BA**	**Upon Request**
3-phase busbar for 5 3RM1	**3RM19101DA**	**Upon Request**
CAP for busbar of 3RM1	**3RM19106AA**	**Upon Request**
3-PHASE FEED-IN TERMINAL 3RM1	**3RM19201AA**	**Upon Request**



LP - List Price

Agriculture Starter
complying to latest standards

Automatic Star Delta Starters IEC 60947-4-1: 2012 Compliant

Direct-on-Line Starters ISI Marked-BIS Approved

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Agriculture Starters

NEW

DOL

Starter in S. S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type [1] (DOL)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
0.33	0.25	3TW72911A.64	0.63-1	Refer RAJA+ Pricelist	1
0.75	0.55	3TW72911A.66	1-1.6		1
1	0.75	3TW72911A.68	1.6-2.5		1
1.5	1.1	3TW72911A.69	2-3.2		1
2	1.5	3TW72911A.71	3.2-5		1
3	2.2	3TW72911A.72	4-6.3		1
5	3.7	3TW72911A.74	6.3-10		1
–	–	3TW72911A.75	8-12.5		1
7.5	5.5	3TW72911A.77	10-16		1
10	7.5	3TW72911A.78	12.5-20		1

[1] Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

RAJA+ DOL Starters 3TW72931A... (0.33-5HP) with 18A contactor are IEC 60947-4-1: 2012 compliant without ISI mark

Star Delta

Automatic starter in S.S. housing, incl. birelay with SPP

Motor rating at 415V, 3ph, 50Hz		Type [4] (ASD)	Relay range A	Unit MRP ₹	Std. pkg. (nos.)
HP	kW				
10	7.5	3TE72910AW74	6.3-10	Refer RAJA+ Pricelist	1
12.5	9.3	3TE72910A.75	8-12.5		1
15	11	3TE72910A.77	10-16		1
20	15	3TE72910A.78	12.5-20		1
25	18.5	3TE72910A.79	16-25		1

[4] Enter code for coil voltage, 50Hz (B for 200-400V, W for 415V)

Industrial Starters

DOL

DOL Starter in S.S.housing (without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type [2] (DOL)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
15	11	3TW7493-2AR0*	3US5200-2C8K (16-25A)	7945.-	1
20	15	3TW7494-2A..	3US5600-2D8K (20-32A)	9760.-	1
25	18.5	3TW7495-2A..	3US5600-2Q8K (25-36A)	11150.-	1
30	22	3TW7496-2A..	3US5800-2F8K (32-50A)	13750.-	1
40	30	3TW7497-2A..	3US5800-2T8K (40-57A)	17535.-	1
50	37	3TW7498-2A..	3US5800-2V8K (57-70A)	22745.-	1
60	45	3TW7499-2A..	3US5800-8Y8K (70-95A)	25450.-	1
75	55	3TW7590-2A..	3US5800-5C8K (85-105A)	31890.-	1

* Only coil voltage of 415V 50Hz available

[2] Enter code for coil voltage, 50Hz ("R0" for 415V, "P0" for 230V)

† 3TE75 have in-built birelay whereas 3TE74 doesn't have in-built birelay

For selection and LPs of spares for Industrial Starter contact sales

Star Delta

Automatic Star delta starter in S.S. housing (without birelay - to be ordered separately)

Motor rating at 415V, 3ph, 50Hz		Type [2] (ASD)	Birelay (recommended)	Unit LP ₹	Std. pkg. (nos.)
HP	kW				
30	22	3TE7493-2A..	3US5600-2C8K (16-25 A)	28275.-	1
40	30	3TE7494-2A..	3US5600-2D8K (20-32 A)	29625.-	1
50	37	3TE7495-2A..	3US5600-2R8K (32-40 A)	41370.-	1
60	45	3TE7496-2A..	3US5800-2F8K (32-50 A)	58685.-	1
75	55	3TE7497-2A..	3US5800-2T8K (40-57 A)	71815.-	1
100	75	3TE7594-2AR0*†	3US58 00-8Y8K (70-95A)†	102200.-	1
125	90	3TE7595-2AR0*†	3US58 00-8Y8K (70-95A)†	105215.-	1
150	110	3TE7596-2AR0*†	3US58 00-5D8K (95-120A)†	106710.-	1
180	132	3TE7597-2AR0*†	3US62 20-5B8K (115-180A)†	114225.-	1

MRP - Maximum Retail Price

LP - List Price

Spares for starters

Spares for 3TW7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactor for 200-400V	3TS3010-0AZ608KA0	1390.-	1
Contactor for 200-400V	3TS3210-0AZ608KA0	1815.-	1
Contactor for 415V	3TS3010-0AR008KA0	1390.-	1
Contactor for 415V	3TS3210-0AR008KA0	1815.-	1
Relay	3UW5102-##	2170.-	1
Coil for 200-400V	3TY7403-0AZ6	950.-	10
Coil for 415V	3TY7403-0AR0	905.-	10

The spares shall be used with starters only.

Contact Sales

Code for 3UW51/52 relay range

Relay range	0.63-1	1-1.6	1.6-2.5	2-3.2	3.2-5	4-6.3	6.3-10	8-12.5	10-16	12.5-20	16-25
Code	0J	1A	1C	1D	1F	1G	1J	1K	2A	2B	2C

Spares for 3TE7 Starters

Description	Type	Unit MRP ₹	Std. pkg. (nos.)
Contactor for 200-400V	3TS3010-0AZ608K	1315.-	1
Contactor for 415V	3TS3010-0AR008K	1315.-	1
Contactor for 200-400V	3TS3210-0AZ608K	1730.-	1
Contactor for 415V	3TS3210-0AR008K	1620.-	1
Contactor for 200-400V	3TS3300-0AZ608K	2310.-	1
Contactor for 415V	3TS3300-0AR008K	2085.-	1
Relay	3UW5102-##	2170.-	1
Relay	3UW5202##	2265.-	1
Coil for 200-400V	3TY7403-0AZ6	950.-	10
Coil for 415V	3TY7403-0AR0	905.-	10

Water level controller

Description			Type	Unit MRP ₹	Std. pkg. (nos.)
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	2205.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	660.-	1

MRP - Maximum Retail Price

LP - List Price

Electronic timers - 3RP

Function	Time range	Input voltage		Type	Unit LP ₹	Std. pkg (nos.).
		AC (50/60Hz)	DC			
On-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ **3RP1511-1AQ308K** ■ **3RP1511-1AP308K**	**2655.-**	**1** **1**
	5 – 100 sec	24/100-127 24/200-240	24 24	■ **3RP1513-1AQ308K** ■ **3RP1513-1AP308K**	**2665.-**	**1** **1**
	0.05 sec to 100 Hrs. (15 time setting ranges)	24/100-127 24/200-240	24 24	■ **3RP1525-1AQ308K** ■ **3RP1525-1AP308K**	**2665.-**	**1** **1**
		24 to 240	24 to 240	■ **3RP1525-1BW308K#**	**5280.-**	**1**
Off-delay with 1C/O contacts	0.5 – 10 sec	24/100-127 24/200-240	24 24	■ **3RP1531-1AQ308K** ■ **3RP1531-1AP308K**	**3530.-**	**1** **1**
	5 – 100 sec	24/100-127 24/200-240	24 24	■ **3RP1533-1AQ308K** ■ **3RP1533-1AP308K**	**3580.-**	**1** **1**
Multi-function with 1C/O contacts	0.05 sec to 100 Hrs. (15 time setting ranges)	24 - 240	24 - 240	■ **3RP1505-1AW308K**	**5450.-**	**1**
	Label set - 8 functions (On delay, Off delay, On+Off delay, flashing, pulse make contact, pulse break contact, pulse shaping and additive ON delay)			**3RP1901-0A8K***	**1135.-**	**1 pack**
Star-Delta 1NO inst & 1NO delayed	1 – 20 sec	200-240 / 380-440V AC		**3RP1574-1NM208K**	**2690.-**	**1**
	3 – 60 sec	24/100-127	24	■ **3RP1576-1NQ308K**	**2750.-**	**1**
		24/200-240	24	■ **3RP1576-1NP308K**	**2750.-**	**1**
		200-240/380-440V AC		■ **3RP1576-1NM208K**	**2835.-@**	**1**
		230-400V AC		■ **3RP1576-1NP208K**	**2835.-@**	**1**
Push-in lug (for mounting 3RP timer with screws)				**3RP19038K** (1 pack = 10 pcs)	**235.-**	**1 pack**

with 2C/O contacts $ Price per pack * 1 pack consists of 1 label set

For 7PV0 timer portfolio refer page no. 71

@ Prices mentioned are at MRP

3RR2 Current monitoring relays

The relays can be installed as a stand-alone unit using the suitable terminal bracket.

Screw Terminals

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Basic Version					
S00	1.6...16	24V AC/DC	**3RR2141-1AA30**	**14785.-**	**1**
	1.6...16	24...240V AC/DC	**3RR2141-1AW30**	**16100.-**	**1**
S0	4 ... 40	24V AC/DC	**3RR2142-1AA30**	**18605.-**	**1**
	4 ... 40	24...240V AC/DC	**3RR2142-1AW30**	**19880.-**	**1**

Size of relay / contactor	Set current value of the inverse-time delayed overload release A	Supply voltage	Type*	Unit LP ₹	Std. pkg. (nos.)
Standard Version					
S00	1.6...16	24V AC/DC	**3RR2241-1FA30**	**30160.-**	**1**
	1.6...16	24...240V AC/DC	**3RR2241-1FW30**	**32855.-**	**1**
S0	4 ... 40	24V AC/DC	**3RR2242-1FA30**	**35555.-**	**1**
	4 ... 40	24...240V AC/DC	**3RR2242-1FW30**	**37700.-**	**1**

For ordering terminal bracket for stand alone installation please refer page no. 47

*For ordering current monitoring relay 3RR with spring type terminals, please replace 8th digit from '1' to '2'

Line monitoring relays - 3UG

Phase Sequence	Phase Failure	Phase Imbalance	Under Voltage	Over Voltage	Delay times	Display	Contacts	Line Supply Voltage	Type	Unit LP ₹	Std. pkg. (nos.)
Yes	Yes	10%	-	-	-	-	1 CO	160-690V	**3UG4512-1AR20**	**13815.-**	**1**
Yes	Yes	20%	160-690V	-	Off delay 0.1-20 s	-	2 CO	160-690V	**3UG4513-1BR20**	**18490.-**	**1**
Yes	Yes	Yes	160-690V	160-690V	Off delay 0.1-20 s	Yes	2 CO	160-690V	**3UG4615-1CR20**	**26810.-**	**1**

■ **Stock items**

LP - List Price

3UG Monitoring Relays for Electrical and Additional Measurements

Hysteresis	Function	Version of Auxiliary Contacts	Control supply voltage Us[1]	Type	Unit LP ₹	Std. pkg (nos.).
		CO	V AC			
--	Phase Sequence Monitoring 3 Phase	1	360...520	**3UG4511-1AP20**	**13860.-**	**1**
		2		**3UG4511-1BP20**	**15665.-**	**1**
--	Monitoring of phase sequence, phase failure and phase unbalance	2	160...690	**3UG4512-1BR20**	**17740.-**	**1**
Adjustable 1-20V	Digital Monitoring Relay, phase sequence, phase & N conductor failure (90...400 w.r.t. N), overvoltage and undervoltage (Tripping delay 1-20)[2]	2[2]	90...400 w.r.t. N	**3UG4616-1CR20**	**31085.-**	**1**
p.f. 0.1 & active current I_{res} 0.1...2.0A	Digital Power factor and active current monitoring (p.f. range 0.1 to 0.99 & & active current Ires 0.2-10A) ON-delay 0-99s, OFF-delay 0.1-20s)	2	90...690	**3UG4641-1CS20**	**31085.-**	**1**
0.1...150V	Digital Voltage Monitoring Relay range 17 to 275V AC/DC spikedelay 0.1 to 20 sec	1	Self Powered	**3UG4633-1AL30**	**23775.-**	**1**
0.1...300V	Digital Voltage Monitoring Relay range10...600V AC/DC, Delay 0.1..20sec	1	24...240V AC/DC	**3UG4632-1AW30**	**25350.-**	**1**
--	#Level Monitoring Relay sensitivity 2KΩ to 200KΩ. Tripping delay 0.1...10sec	1	24...240V AC/DC	**3UG4501-1AW30**	**16890.-**	**1**
--	#Wire electrode for Level Monitoring Relay, 500 MM long, with tefelon insulation			**3UG3207-3A**	**24310.-**	**1**

1) Absolute limit values

2) 1 CO Contact each and 1 tripping delay time each for Umin and Umax.

3) LSB: Smallest adjustable value, transformer-dependent, ≤ 1 % of IΔn.

Level monitoring relays must be ordered along with electrodes, for different level controls variety of electrodes are available, for more details refer IC10.

Thermistor motor protection relay - 3RN2

Type of Thermistor	Reset	Contacts	Control Supply voltage	Type	Unit LP ₹	Std. pkg. (nos.)
PTC type A	Auto	1CO	24V-240V AC/DC	**3RN2000-1AW30**	**8550.-**	**1**

Insulation monitoring relay -3UG

Measuring Range Ue kΩ	Function	Rated control supply voltage Us V	Type	Unit LP ₹	Std. pkg. (nos.)
1-110	Insulation monitors for ungrounded AC networks	24-240 AC/DC	**3UG4581-1AW31**	**41540.-**	**1**
		0 ... 250 AC	**3UG4582-1AW31**	**36810.-**	**1**
1-110	Insulation monitors for ungrounded DC & AC networks	0 ... 400 AC, 0 ... 600 DC[1]	**3UG4583-1CW31**	**81100.-**	**1**
	Voltage reducer modules	Extending the mains voltage range to max. 690 V AC and 1000 V DC	**3UG4983-1AA01**	**43430.-**	**1**
	Sealable, transparent covers	For 3UG45 81, 3UG45 82	**3UG4981-0C**	**2450.-**	**1**
		For 3UG45 83	**3UG4983-0C**	**2500.-**	**1**

1) With 3UG4983-1AA01 voltage reducer module suitable also for the insulation monitoring of IT networks up to 690 V AC and 1000 V DC.

Timing and Monitoring Relays

Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset

for more info scan QR code

Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)
Speed monitoring relay	7UG05 83									Over/under speed protection

7UG0 monitoring relays

Description			Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered	3Ph-3W	7UG0712-1AA20	1575.-	1
	Self powered	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	3690.-	1
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	3385.-	1
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	2690.-	1
Current Monitoring relay	110 V AC	1Ph-2W	7UG0821-1AB20	4370.-	1
	230 V AC	1Ph-2W	7UG0822-1AD20	4165.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	5320.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	5065.-	1
Earth leakage relay	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	5615.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	5670.-	1
CBCT for ELR		35mm	7UG09-96	2045.-	1
		70mm	7UG09-97	2335.-	1
		120mm	7UG09-99	3975.-	1
		210mm	7UG0 994*	7650.-	1
		310mm	7UG0 995*	11400.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W		7UG0861-1BU20	5805.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P		7UG09910	2005.-	1
	Core Balance CT 160 frame, 4P		7UG09911	2285.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P		7UG09912	2420.-	1
	Core Balance CT 250 frame, 4P		7UG09913	2850.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P		7UG09914	3565.-	1
	Core Balance CT 630 frame, 4P		7UG09915	3855.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display		7UG0571-1FT20	22235.-	1
	12 Stage with LCD display		7UG0572-1GT20	23815.-	1
	12 stage with LED display		7UG0572-1GT21	13620.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output		7UG0 480-1IU20	4255.-	1
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	Refer page no. 68	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00		1
Thermistor protection relay	110-240V AC/DC		7UG0881-1BU20	2565.-	1
Speed monitoring relay	110-240V AC/DC		7UG0583-1CU20	7715.-	1

7PV0 timers

Description			Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC		7PV0712-1AD20	1560.-	1
Multifunction timer with digital display	20-240V AC/DC	15 functions	7PV0732-1AV20	3055.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	10 functions	7PV0723-1AZ20	2045.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ

Now in TI - GREY NEW

Features and Benefits

- LED status indicator as a standard feature - allows personnel to see the relay status in dark conditions
- Mechanical indicators - allow personnel to see relay status under normal light or bright conditions
- Easy grip cover - adds to the ease of removing the relay from the socket
- Removable I.D. (identification) label- allows for easy identification
- Wide operating voltage range
- DIN rail / PCB mounting – Quick & Easy Installation

Relay		Standard Features	Control supply voltage* (V)		Type	Unit LP ₹	Std. pkg. (nos.)
1CO							
	6A 5 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0AC00	330.-	10
				48	7RQ0100-0AD00	440.-	10
				110	7RQ0100-0AE00	600.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0AM10	420.-	10
				48	7RQ0100-0AN10	600.-	10
				110	7RQ0100-0AP10	625.-	10
				230	7RQ0100-0AR10	640.-	10
2CO							
	6A 8 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0BC00	460.-	10
				48	7RQ0100-0BD00	550.-	10
				110	7RQ0100-0BE00	590.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0BM10	535.-	10
				48	7RQ0100-0BN10	590.-	10
				110	7RQ0100-0BP10	605.-	10
				230	7RQ0100-0BR10	615.-	10
2CO							
	10A 8 pin	• LED indicator	DC	24	7RQ0110-0BC00	590.-	10
				48	7RQ0110-0BD00	725.-	10
				110	7RQ0110-0BE00	780.-	10
		• LED indicator	AC	24	7RQ0110-0BM00	705.-	10
				48	7RQ0110-0BN00	795.-	10
				110	7RQ0110-0BP00	780.-	10
				230	7RQ0110-0BR00	815.-	10
3CO							
	10A 11 pin	• LED indicator	DC	24	7RQ0100-0CC00	755.-	10
				48	7RQ0100-0CD00	795.-	10
				110	7RQ0100-0CE00	920.-	10
		• LED indicator	AC	24	7RQ0100-0CM00	805.-	10
				48	7RQ0100-0CN00	845.-	10
				110	7RQ0100-0CP00	905.-	10
				230	7RQ0100-0CR00	920.-	10
4CO							
	5A 14 pin	• LED indicator	DC	24	7RQ0100-0DC00	695.-	10
				48	7RQ0100-0DD00	730.-	10
				110	7RQ0100-0DE00	825.-	10
		• LED indicator	AC	24	7RQ0100-0DM00	725.-	10
				48	7RQ0100-0DN00	740.-	10
				110	7RQ0100-0DP00	805.-	10
				230	7RQ0100-0DR00	815.-	10

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
10A	PCB mounted	7RQ0202-1AX00	110.-	10
	Din rail mounting	7RQ0201-1AX00	200.-	10
2CO				
6A	PCB mounted	7RQ0202-1BX00	110.-	10
	Din rail mounting	7RQ0201-1BX00	260.-	10
2CO				
10A	PCB mounted	7RQ0212-1BX00	135.-	10
	Din rail mounting	7RQ0211-1BX00	335.-	10
3CO				
10A	Din rail mounting	7RQ0201-1CX00	460.-	10
4CO				
7A	PCB mounted	7RQ0202-1DX00	180.-	10
	Din rail mounting	7RQ0201-1DX00	320.-	10

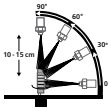
*** Control supply voltage available upon request: DC: 6V, 12 & AC: 6V, 12V, 115V**

SIRIUS ACT
Performance in action

www.siemens.com/SIRIUS-Act

SIEMENS

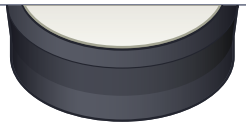
An overview of the variety



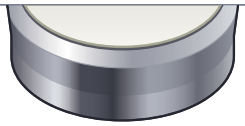
SIRIUS ACT products with standard IP69k.

IP69k is the highest achievable rating and guarantees totally protection against dust, as well as high pressure, high temperature jets of water from multiple directions.

Body design lines and button colors



Black plastic,
22 mm Ø



Shiny metal,
22 mm Ø

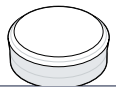
Push buttons

Push button
mom. cont./latching

Push button
raised

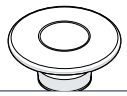
Push button
raised front ring

Push button
extended stroke



Sensor switch

Stop button



Mushroom push
button, mom.
contact/latching,
pull to unlatch

Twin push button

Mushroom push
button, mom.
contact/latching

Emergency stop

Mushroom push
button w. mech.
position indicator

Mushroom push
button, rot. to unl.
30, 40, 60 mm

Mushroom push
button,
illuminated

Mushroom push
button, with
lock release key

Selector switches

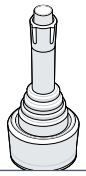
Rotary knob,
4 positions

Potentiometer

Toggle switch

Selector,
short handle

Selector,
long handle

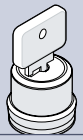


Coordinate switch

Key-operated switches

ID key-operated
switch

BKS



O.M.R.

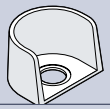
RONIS

Indicators

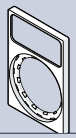
Indicator light,
dual LED

Acoustic signaling
device

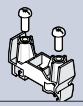
Accessories



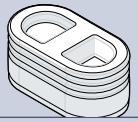
Protective collar



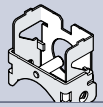
Label holder



PCB holder

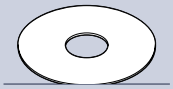


Protective cap



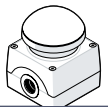
Locking device

Sealing plug

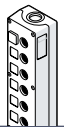


Backing plate

Enclosures



Palm push button



Enclosure 1, 2, 3, 4, 6
command points

A small selection of high demand models

NEW

Description	Plastic			Metal			Colour		
		Type	Unit LP ₹		Type	Unit LP ₹			
Pushbutton, 22 mm, round, flat momentary contact type		3SU1000-0AB_0-0AA0 ↑ Colour	830.-		3SU1050-0AB_0-0AA0 ↑ Colour	1075.-	1 2 3 4 5 6 7 8	● ● ● ● ● ○ ○ ●	Black Red Yellow Green Blue White Clear Gray
Illuminated pushbutton, 22 mm, round, flat momentary contact type		3SU1001-0AB_0-0AA0 ↑ Colour	1155.-		3SU1051-0AB_0-0AA0 ↑ Colour	1305.-	0 2 3 4 5 6 7	● ● ● ● ● ○ ○	Amber Red Yellow Green Blue White Clear
Selector switch, 2 Position, illuminable, 22 mm, round, plastic, O-I, latching, actuating angle 90°, 10:30h/13:30h		3SU1002-2BF_0-0AA0 ↑ Colour	1800.-		3SU1052-2BF_0-0AA0 ↑ Colour	2005.-	1 2 3 4 5 6	● ● ● ● ● ○	Black Red Yellow Green Blue White
Selector switch, 3 position, illuminable, 22 mm, round switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h		3SU1002-2BL_0-0AA0 ↑ Colour	1800.-		3SU1052-2BL_0-0AA0 ↑ Colour	2005.-	1 2 3 4 5 6	● ● ● ● ● ○	Black Red Yellow Green Blue White
RONIS key-operated switch, 2 switch positions O-I, latching, actuating angle 90°		3SU1000-4BF01-0AA0	4390.-		3SU1050-4BF01-0AA0	4770.-			
RONIS key-operated switch, 3 switch positions I-O-II, latching, actuating angle 2x45°		3SU1000-4BL01-0AA0	4635.-		3SU1050-4BL01-0AA0	5030.-			
EMERGENCY STOP mushroom pushbutton, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1000-1HB20-0AA0	3495.-		3SU1050-1HB20-0AA0	3835.-			
EMERGENCY STOP mushroom pushbutton, illuminable, 22 mm, round, red, 40 mm, positive latching, rotate-to-unlatch		3SU1001-1HB20-0AA0	3660.-		3SU1051-1HB20-0AA0	4260.-			
Twin pushbutton, 22 mm, round, green: I, red: O, pushbuttons, flat and raised		3SU1000-3BB42-0AK0	1870.-		3SU1050-3BB42-0AK0	2270.-			
Indicator lights, 22 mm, round, lens, smooth		3SU1001-6AA_0-0AA0 ↑ Colour	680.-		3SU1051-6AA_0-0AA0 ↑ Colour	785.-	0 2 3 4 5 6 7	● ● ● ● ● ○ ○	Amber Red Yellow Green Blue White Clear

⊕

Description		Type	Unit LP ₹		Type	Unit LP ₹	
Holder to be selected along with individual Actuating and Signaling Elements		Plastic Holder 3SU1500-0AA10-0AA0*	370.-	 NEW	Universal Holder - Suitable for Plastic and Metal 3SU1550-0AA10-0AA0*	405.-	

Description			Type	Unit LP ₹
Contact Modules	1NO		3SU1400-1AA10-1BA0*	840.-
	1NC		3SU1400-1AA10-1CA0*	840.-
	1NO+1NC		3SU1400-1AA10-1FA0	1405.-
	2NO		3SU1400-1AA10-1DA0	1940.-
	2NC		3SU1400-1AA10-1EA0	1940.-

* MOQ - 5

Description			Type	Unit LP ₹	Colour		
LED Modules	24V AC/DC		3SU1401-1BB_0-1AA0 *	1305.-	0	●	Amber
	110V AC		3SU1401-1BC_0-1AA0	2315.-	2	●	Red
	230V AC		3SU1401-1BF_0-1AA0	2315.-	3	●	Yellow
	6 ... 24 V AC/DC		3SU1401-1BG_0-1AA0	1575.-	4	●	Green
	24 ... 240V AC/DC		3SU1401-1BH_0-1AA0 ↑ Colour	2795.-	5	●	Blue
						○	White

LP - List Price

SIRIUS ACT

Innovative Technology...
Simple Installations...

SIRIUS ACT with PROFINET

NEW

SIRIUS ACT with PROFINET connects pushbuttons and indicator lights directly via PROFINET to the controller and HMI devices – including with safety functions

Description		Type	Unit LP ₹
Push Button and Signaling Devices			
Multiple version available		3SU10_ _-_ _ _ _-_ _ _ _	Refer Page no. 75
Holder to be selected along with individual Actuating and Signaling Elements	Plastic	3SU1500-0AA10-0AA0	370.-
	Universal	3SU1550-0AA10-0AA0	405.-
Profinet Interface Modules			
Standard IM, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LK10-1AA1	41600.-
Fail Safe IM F, 24 V DC 1 ... 20 terminal modules can be connected		3SU1400-1LL10-1BA1	64955.-
Profinet Terminal Modules			
With 2 contacts		3SU1400-1MA10-1BA1	6360.-
With 2 contacts and integrated LED		3SU1401-1MC_0-1CA1 ↑ Colour	6655.-
With integrated LED		3SU1401-1ME_0-1DA1 ↑ Colour	6155.-
Accessories			
Flat Ribbon Cable, 7-core		3SU1900-0KQ80-0AA0	920.-

2 Contacts	2 Contacts with LED	LED	Colour		
			0	●	Amber
			2	●	Red
			3	●	Yellow
			4	●	Green
			5	●	Blue
			6	○	White

Modern Access Management

ID Key Operated Switches - Groups of employees or individuals can be authenticated by means of the ID key-operated switch. Color-coded keys for easy distinction between users.

Description			Type	Unit LP ₹
ID Key operated switches				
ID key-operated switches Number of switching positions: 4 Switch position for key removal: Key removal possible in all 4 positions		Plastic, black	3SU1000-4WS10-0AA0	9430.-
Holder Holder needs to be selected along with individual Actuating and Signaling Elements	Plastic		3SU1500-0AA10-0AA0	370.-

Description		Type	Unit LP ₹
Electronic Modules			
Electronic modules for ID key-operated switches		3SU1400-1GC10-1AA0	27245.-
ID Keys			
Green: ID Group 1		3SU1900-0FV40-0AA0	1765.-
Yellow: ID Group 2		3SU1900-0FW30-0AA0	
Red: ID Group 3		3SU1900-0FX20-0AA0	
Blue: ID Group 4		3SU1900-0FY50-0AA0	

8WN - 70mm Modular unit IP 65

Continuous light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5AB00	Red	24 V AC/DC	3460.-	1
8WN4420-5AC00	Green			1
8WN4420-5AD00	Yellow			1
8WN4420-5AE00	White			1
8WN4420-5AF00	Blue			1
8WN4440-5AB00	Red	110 V AC/DC	3195.-	1
8WN4440-5AC00	Green			1
8WN4440-5AD00	Yellow			1
8WN4440-5AE00	White			1
8WN4440-5AF00	Blue			1
8WN4450-5AB00	Red	220 V AC	3195.-	1
8WN4450-5AC00	Green			1
8WN4450-5AD00	Yellow			1
8WN4450-5AE00	White			1
8WN4450-5AF00	Blue			1

Blinking light

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN4420-5BB00	Red	24 V AC/DC	3750.-	1
8WN4420-5BC00	Green			1
8WN4420-5BD00	Yellow			1
8WN4420-5BE00	White			1
8WN4420-5BF00	Blue			1
8WN4440-5BB00	Red	110 V AC/DC	3750.-	1
8WN4440-5BC00	Green			1
8WN4440-5BD00	Yellow			1
8WN4440-5BE00	White			1
8WN4440-5BF00	Blue			1
8WN4450-5BB00	Red	220 V AC	3750.-	1
8WN4450-5BC00	Green			1
8WN4450-5BD00	Yellow			1
8WN4450-5BE00	White			1
8WN4450-5BF00	Blue			1

Accessories for 70mm LED modular unit

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0AF00	Connection components, Screw terminals	1065.-	1
8WN4408-0AG00	Caps for light elements	110.-	1
8WN4408-0DH00	Feet with pipes, single; Length 60mm	180.-	1
8WN4408-0DJ00	Feet with pipes, single; Length 80mm	225.-	1
8WN4408-0DA00	Feet with pipes, single; Length 110mm	250.-	1
8WN4408-0CC00	Brackets for side mounting, use together with foot with pipe	225.-	1

Type	Description	Unit LP* ₹	Std. pkg. (nos.)
8WN4408-0CF00	Brackets for side mounting,	845.-	1
8WN4408-0CG00	Fold-out support	405.-	1
8WN4420-0GA00	24 V AC/DC, continuous buzzer	2495.-	1
8WN4420-0HA00	24 V AC/DC, discontinuous buzzer	2915.-	1
8WN4440-0GA00	110 V AC/DC, continuous buzzer	2495.-	1
8WN4440-0HA00	110 V AC/DC, discontinuous buzzer	2915.-	1
8WN4450-0GA00	220 V AC, continuous buzzer	2495.-	1
8WN4450-0HA00	220 V AC, discontinuous buzzer	2915.-	1

8WN - 50mm Preassembled unit IP 20

Continuous light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6AB00	R	24V AC/DC	3195.-	1
8WN2222-6AG00	R, G		4605.-	1
8WN2223-6AJ00	R,Y,G		5980.-	1
8WN2241-6AB00	R	110 V AC/DC	3195.-	1
8WN2242-6AG00	R, G		4605.-	1
8WN2243-6AJ00	R,Y,G		5980.-	1
8WN2251-6AB00	R	220 V AC	3195.-	1
8WN2252-6AG00	R, G		4605.-	1
8WN2253-6AJ00	R,Y,G		5980.-	1

Continuous light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6JB00	R	24V AC/DC	3750.-	1
8WN2223-6JG00	R, G		5150.-	1
8WN2224-6JJ00	R,Y,G		6535.-	1
8WN2242-6JB00	R	110 V AC/DC	3750.-	1
8WN2243-6JG00	R, G		5150.-	1
8WN2244-6JJ00	R,Y,G		6535.-	1
8WN2252-6JB00	R	220 V AC	3750.-	1
8WN2253-6JG00	R, G		5150.-	1
8WN2254-6JJ00	R,Y,G		6535.-	1

Blinking light without buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2221-6BB00	R	24V AC/DC	3750.-	1
8WN2222-6BG00	R, G		5150.-	1
8WN2223-6BJ00	R,Y,G		6535.-	1

Blinking light with continuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6MB00	R	24V AC/DC	4170.-	1
8WN2223-6MG00	R, G		5555.-	1
8WN2224-6MJ00	R,Y,G		6945.-	1

Continuous light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6KB00	R	24V AC/DC	4170.-	1
8WN2223-6KG00	R, G		5555.-	1
8WN2224-6KJ00	R,Y,G		6945.-	1
8WN2242-6KB00	R	110 V AC/DC	4170.-	1
8WN2243-6KG00	R, G		5555.-	1
8WN2244-6KJ00	R,Y,G		6945.-	1
8WN2252-6KB00	R	220 V AC	4170.-	1
8WN2253-6KG00	R, G		5555.-	1
8WN2254-6KJ00	R,Y,G		6945.-	1

Blinking light with discontinuous buzzer

Type	Color	Voltage	Unit LP* ₹	Std. pkg. (nos.)
8WN2222-6NB00	R	24V AC/DC	4605.-	1
8WN2223-6NG00	R, G		5980.-	1
8WN2224-6NJ00	R,Y,G		7360.-	1

LP - List Price

Indicating Lamps 3SB5

Compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5285-6HC01	350.-	10
		Green	■ 3SB5285-6HE01		10
		Amber	■ 3SB5285-6HL01		10
		Blue	■ 3SB5285-6HF01	885.-	10
		White	3SB5285-6HG01	350.-	10
		Yellow	3SB5285-6HD01		10
		Clear	3SB5285-6HH01		10
	30V DC @	Red	3SB5285-6HC13	390.-	10
		Green	3SB5285-6HE13		10
		Amber	3SB5285-6HL13		10
		Blue	3SB5285-6HF13	1010.-	10
		White	3SB5285-6HG13	390.-	10
		Yellow	3SB5285-6HD13		10
		Clear	3SB5285-6HH13		10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02	350.-	10
		Green	■ 3SB5285-6HE02		10
		Amber	■ 3SB5285-6HL02		10
		Blue	■ 3SB5285-6HF02	885.-	10
		White	3SB5285-6HG02	350.-	10
		Yellow	3SB5285-6HD02		10
		Clear	3SB5285-6HH02		10
	110 V DC@	Red	■ 3SB5285-6HC04	390.-	10
		Green	■ 3SB5285-6HE04		10
		Amber	■ 3SB5285-6HL04		10
		Blue	■ 3SB5285-6HF04	1010.-	10
		White	3SB5285-6HG04	390.-	10
		Yellow	3SB5285-6HD04		10
		Clear	3SB5285-6HH04		10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03	350.-	10
		Green	■ 3SB5285-6HE03		10
		Amber	■ 3SB5285-6HL03		10
		Blue	■ 3SB5285-6HF03	885.-	10
		White	3SB5285-6HG03	350.-	10
		Yellow	3SB5285-6HD03		10
		Clear	3SB5285-6HH03		10
	220 V DC@	Red	■ 3SB5285-6HC05	390.-	10
		Green	■ 3SB5285-6HE05		10
		Amber	■ 3SB5285-6HL05		10
		Blue	■ 3SB5285-6HF05	1010.-	10
		White	3SB5285-6HG05	390.-	10
		Yellow	3SB5285-6HD05		10
		Clear	3SB5285-6HH05		10

Now also available in 415V - Prices on request

Wide band compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 to 240 V AC & 24 to 220 V DC NEW	Red	■ 3SB5235-6HC14	590.-	10
		Green	■ 3SB5235-6HE14		10
		Amber	■ 3SB5235-6HL14		10
		Blue	■ 3SB5235-6HF14	1000.-	10
		White	3SB5235-6HG14	590.-	10
		Yellow	3SB5235-6HD14	775.-	10
		Clear	3SB5235-6HH14		10

Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	115.-	10
	Green	■ 3SB5201-6BE00		10
	Amber	■ 3SB5201-6BL00		10
	Blue	■ 3SB5201-6BF00		10
	White	3SB5201-6BG00		10
	Yellow	3SB5201-6BD00		10
	Clear	3SB5201-6BH00		10

Illumination Module $ - (suitable for INTEGRATED LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5400-7CC	300.-	10
		Green	■ 3SB5400-7CE	300.-	10
		Amber	■ 3SB5400-7CL	300.-	10
		Blue	■ 3SB5400-7CF	950.-	10
		White†	3SB5400-7CG	300.-	10
		Yellow	3SB5400-7CD	300.-	10
	110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	300.-	10
		Green	■ 3SB5400-7EE	300.-	10
		Amber	■ 3SB5400-7EL	300.-	10
		Blue	■ 3SB5400-7EF	950.-	10
		White†	3SB5400-7EG	300.-	10
		Yellow	3SB5400-7ED	300.-	10
	110 V DC@	Red	■ 3SB5400-7DC	300.-	10
		Green	■ 3SB5400-7DE	300.-	10
		Amber	■ 3SB5400-7DL	300.-	10
		Blue	■ 3SB5400-7DF	950.-	10
		White†	3SB5400-7DG	300.-	10
		Yellow	3SB5400-7DD	300.-	10
	230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	300.-	10
		Green	■ 3SB5400-7TE	300.-	10
		Amber	■ 3SB5400-7TL	300.-	10
		Blue	■ 3SB5400-7TF	950.-	10
		White†	3SB5400-7TG	300.-	10
		Yellow	3SB5400-7TD	300.-	10
	220 V DC@	Red	■ 3SB5400-7HC	300.-	10
		Green	■ 3SB5400-7HE	300.-	10
		Amber	■ 3SB5400-7HL	300.-	10
		Blue	■ 3SB5400-7HF	950.-	10
		White†	3SB5400-7HG	300.-	10
		Yellow	3SB5400-7HD	300.-	10

@ Use of bridge rectified DC source (filtered O/P) recommended
† Can be used with clear lens.
$ Illumination module can be used with lens assembly, illuminated push buttons & illuminated selector actuators.

■ **Stock items**

Push buttons

Modular Push button actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
Opaque actuator (with holder for contact block)					
	Normal	Red	■ 3SB5000-0AC01	105.-	10
		Green	■ 3SB5000-0AE01		
		Blue	■ 3SB5000-0AF01		
		White	■ 3SB5000-0AG01		
		Yellow	■ 3SB5000-0AD01		
		Black	■ 3SB5000-0AB01		
	Raised	Red	■ 3SB5000-0LC01	115.-	10
		Green	■ 3SB5000-0LE01		
		Blue	3SB5000-0LF01		
		White	3SB5000-0LG01		
		Yellow	3SB5000-0LD01		
		Black	3SB5000-0LB01		
Illuminated actuator (with holder for contact block)					
	Normal	Red	■ 3SB5001-0AC01-0PQ0	135.-	10
		Green	■ 3SB5001-0AE01-0PQ0		
		Amber	3SB5001-0AL01-0PQ0		
		Blue	3SB5001-0AF01-0PQ0		
		White	3SB5001-0AG01-0PQ0		
		Yellow	3SB5001-0AD01-0PQ0		
		Clear	3SB5001-0AH01-0PQ0		
	Raised	Red	■ 3SB5218-0LC01-0PQ0	140.-	10
		Green	■ 3SB5218-0LE01-0PQ0		
		Amber	3SB5218-0LL01-0PQ0		
		Blue	3SB5218-0LF01-0PQ0		
		White	3SB5218-0LG01-0PQ0		
		Yellow	3SB5218-0LD01-0PQ0		
		Clear	3SB5218-0LH01-0PQ0		

Modular Selector Actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position opaque selector actuator (with holder for contact block)					
	Maintained	Black	■ 3SB5000-2AB01	345.-	10
		Red	■ 3SB5000-2AC01		
	Momentary	Black	3SB5000-2BB01		
		Red	3SB5000-2BC01		
3 position opaque selector actuator (with holder for contact block)					
	Maintained	Black	■ 3SB5000-2DB01	350.-	10
		Red	■ 3SB5000-2DC01		
	Momentary	Black	■ 3SB5000-2EB01		
		Red	■ 3SB5000-2EC01		
2 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2AC01	340.-	10
		Green	■ 3SB5001-2AE01		
		Blue	3SB5001-2AF01		
		Yellow	3SB5001-2AD01		
		Clear	3SB5001-2AH01		
	Momentary	Red	■ 3SB5001-2BC01		
		Green	■ 3SB5001-2BE01		
		Blue	3SB5001-2BF01		
		Yellow	3SB5001-2BD01		
		Clear	3SB5001-2BH01		
3 position illuminated selector actuator (with holder for contact block)					
	Maintained	Red	■ 3SB5001-2DC01	355.-	10
		Green	■ 3SB5001-2DE01		
		Blue	3SB5001-2DF01		
		Yellow	3SB5001-2DD01		
		Clear	3SB5001-2DH01		
	Momentary	Red	■ 3SB5001-2EC01		
		Green	■ 3SB5001-2EE01		
		Blue	3SB5001-2EF01		
		Yellow	3SB5001-2ED01		
		Clear	3SB5001-2EH01		

Contact Blocks for Push button, Selector & Key Actuators

Description	Configuration	Type	Unit LP ₹	Std Pkg (nos.)
Contact blocks for rear mounting (for panel mounting)				
	1 NO	■ 3SB5400-0B	125.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A	230.-	10
	2 NO	■ 3SB5400-0E		10
	2 NC	■ 3SB5400-0F		10

Mushroom Actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) (with holder for contact block)				
momentary	Black	3SB5000-1NB01	205.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	240.-	10

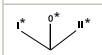
Mushroom Actuators (with plastic front ring) for Emergency Stop Specifications

NEW Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Enhanced Safety and Monitoring with MMCB				
Mushroom Actuator, E-Stop (40mm) with MMCB (1NC)	Red	3SB5204-0UC01	435.-	10
MMCB (Mounting Monitoring Contact Block,1NC)		3SB5400-0M	205.-	10

MMCB should be assembled only on middle slot "5-6" of the holder

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) **push to trip, turn to release with 1NC**	Red	■ 3SB5203-0UC01	400.-	10
Mushroom actuator (40 mm ø) **push to trip, turn to release**	Red	3SB5000-0UC01	285.-	10
Mushroom actuator (40 mm ø) **push to trip, key to release**	Red	3SB5000-0TC01	1510.-	10

Modular key actuators (with plastic front ring)

Description		Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position key actuator (with holder for contact block)	Maintained	L - KR	■ 3SB5000-4AC01	540.-	10
		KL - R	3SB5000-4AA01		10
		KL - KR	3SB5000-4AB01		10
	Momentary	KL < R	■ 3SB5000-4TA01		10
		L > KR	3SB5000-4TC01		10
3 position key actuator (with holder for contact block)	Maintained	L - KC - R	■ 3SB5000-4HA01	590.-	10
		KL - C - KR	3SB5000-4HC01		10
		 KL - KC - KR	3SB5000-4HB01		10
	Momentary	L > KC < R	■ 3SB5000-4JA01		10

* Key removable position
L - Left, R - Right, C - Centre, KL - Key at Left, KR - Key at Right, KC - Key at Centre

Twin Push Button Actuators

Description	Type	Unit LP ₹	Std Pkg (nos.)
Complete actuator with holder for contact block			
Opaque with 1NO & 1NC	3SB5201-7EC01	430.-	10
Illuminated with 1NO & 1NC	3SB5234-7EC01		10
Modular actuator with holder for contact block			
Opaque	3SB5000-7EC01	210.-	10
Illuminated	3SB5001-7EC01		10

■ **Stock items**

LP - List Price

Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
Metal enclosure: Aluminum Die Cast				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-8AA3	1425.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	1535.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	2025.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	1765.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	2240.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	■ 3SB5803-8AH3	2510.-	1
Pendant mounting: Aluminum Die Cast				
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-8AC3	2405.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-8AH3	3130.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	815.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	815.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	890.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	960.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	1100.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5804-7AG3	1220.-	1
Pendant mounting: Plastic				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	1760.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, " STOP"	3SB5822-7AC3	2150.-	1
3	Normal opaque push button - Green with 1NO contact block, "FORWARD" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	3SB5823-7AH3	2820.-	1

Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	595.-	1
2 way, Grey	3SB5802-0AC3	505.-	1
3 way, Grey	3SB5803-0AC3	520.-	1
4 way, Grey	3SB5804-0AC3	1135.-	1
6 way, Grey	3SB5806-0AC3	1580.-	1
1 way, Yellow	3SB5801-0AD3	595.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	1205.-	1
2 way	3SB5802-4AC3	1310.-	1
3 way	3SB5803-4AC3	1820.-	1
Contact Block			
Contact block for base mounting, 1NO	■ 3SB54200B	125.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	125.-	10
Inscription Labels (set of 11 labels)			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	235.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	65.-	10

Accessories

Description		Type	Unit LP ₹	Std Pkg (nos.)
Inscription plates	START	■ 3SB5901-2EL	45.-	10
	STOP	■ 3SB5901-2EK		10
	ON	■ 3SB5901-2EB		10
	OFF	■ 3SB5901-2EC		10
	UP	3SB5901-2ED		10
	DOWN	3SB5901-2EE		10
	FORWARD	3SB5901-2EF		10
	SLOW	3SB5901-2ES		10
	FAST	3SB5901-2ER		10
	REVERSE	3SB5901-2EG		10
	BLANK	3SB5901-2AA		10
	TRIP	3SB5901-2EA		10
Thrust cap for Push Buttons (for actuating middle module)		■ 3SB5902-0AA	45.-	10
Thrust pad for Selector Actuators (for actuating middle module)		■ 3SB5912-0AN	45.-	10
Adaptor plate for replacing 30 mm PB by 22 mm		■ 3SB5921-0AE	45.-	10
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)		3SB5921-0AB	45.-	10
E-stop Yellow dia. 75mm with "EMERGENCY STOP" printing		3SB5921-0AD	45.-	10
Protective Cap (IP-67) for	Normal	3SB5902-0AK	60.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)		3SB5911-1AA	75.-	10

■ **Stock items**

SIRIUS 3SE5
Position Switches

Modular design for all applications

Modular design with many standardized components

- Plug-in design and replacement of the actuator heads
- Exchangeable two and three pole contact blocks
- Turnable actuator heads around the axis in increments of 22.5°, with total 16 positions
- Quick-connect technology
- Optional LED Displays
- Communication Capable (AS-i Safe)

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SIEMENS

Position Switches - 3SE5

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0CC05	655.-	10
		Slow Action		3SE5250-0BC05	625.-	10

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05	1015.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05		10
		Slow action	2NO + 1 NC	3SE5250-0PC05		10

Plastic enclosure: Enclosed type modular unit

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm (IP 65)		Snap Action	1NO + 1NC	3SE5232-0CC05	730.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05	705.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05	1065.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05		1
		Slow Action	2NO + 1NC	3SE5232-0PC05		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-0CC05	780.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05	715.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05	1150.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05		1
		Slow Action	2NO + 1NC	3SE5242-0PC05		1

Metal enclosure: Enclosed type modular unit IP 66/ IP 67

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm		Snap Action	1NO + 1NC	3SE5212-0CC05	1160.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05	1050.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05	1245.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05	1320.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00	1250.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00	1120.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00	1350.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00	1420.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00	1400.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00	1280.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00	1785.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00	1940.-	1
		Slow Action	2NO + 1NC	3SE5122-0PA00		1

Plastic Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD03	265.-	5
Roller lever		3SE5000-0AE10	135.-	5
Angular Roller lever		3SE5000-0AF10	165.-	5
Part turn actuator for twist lever		3SE5000-0AK00	140.-	5
Twist Lever		3SE5000-0AA21#	115.-	5
Twist Lever (Adjustable)		3SE5000-0AA50#	230.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58#	345.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57#	255.-	5

Metal Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04	300.-	5
Roller lever		3SE5000-0AE11	205.-	5
Part turn actuator for twist lever		3SE5000-0AK00	140.-	5
Twist Lever (Adjustable)		3SE5000-0AA51#	270.-	5
Plain Plunger		3SE5000-0AB01	380.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

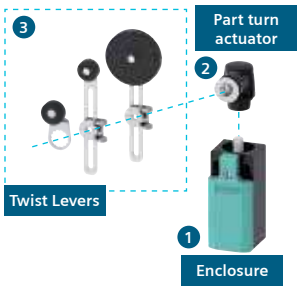
Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01	195.-	5
Angular Roller lever		3SE5000-0AF01	355.-	5
Part turn actuator for twist lever		3SE5000-0AH00	285.-	5
Twist Lever		3SE5000-0AA01#	135.-	5
Twist Lever (Adjustable)		3SE5000-0AA50#	230.-	5
Fork type		3SE5000-0AT01$	165.-	5
Mounting Head for Fork Type		3SE5000-0AT10	1475.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58#	345.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57#	255.-	5

Metal Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02	240.-	5
Roller Plunger		3SE5000-0AD02	360.-	5
Roller lever		3SE5000-0AE02	325.-	5
Angular Roller lever		3SE5000-0AF02	400.-	5
Part turn actuator for twist lever		3SE5000-0AH00	285.-	5
Twist Lever		3SE5000-0AA02#	160.-	5
Twist Lever (Adjustable)		3SE5000-0AA51#	270.-	5

Notes:

1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. $ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10



Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05	270.-	10

Spares for Open & enclosed switch

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Contact block		Slow action	1NO + 1NC	3SE5050-0BA00*	555.-	10
		Snap action		3SE5050-0CA00*		10
		Slow action		3SE5000-0BA00		10
		Snap action		3SE5000-0CA00		10
		Slow action	1NO + 2NC	3SE5000-0KA00	705.-	10
		Snap action		3SE5000-0LA00		10
		Slow-action contacts with make-before-break		3SE5000-0MA00	740.-	10
		Slow action	2NO + 1 NC	3SE5000-0PA00		10

Note: 3SE5000-0BA00 can be used only with enclosed type switch

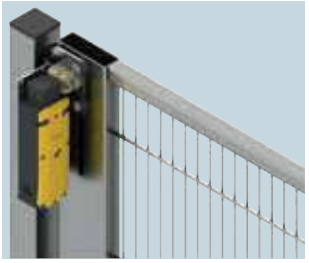
* Suitable for Open execution

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Cable gland		Molded Plastic Cable Gland, M20X1.5	3SX9926	775.-	5

Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05	500.-	1
50MM			3SE5242-0AC05	740.-	1
31MM		Metal	3SE5212-0AC05	840.-	1
40MM			3SE5112-0AA00	1015.-	1
56MM			3SE5122-0AA00	1140.-	1

Mechanical Safety Switches With Tumbler

The safety switches with tumbler are exceptional safety-related devices which prevent an unforeseen or intentional opening of protective doors, protective grilles or other covers as long as a dangerous situation is present. Single switch can be used for SIL 2 / PL d safety level and with the use of a second switch SIL 3 / PL e safety level can be achieved.



		Solenoid Voltage	Plastic Enclosure 1300N Locking Force	Metal Enclosure 2600N Locking Force
3SE5322-0SD21	With auxiliary release	24VDC	**3SE5322-0SD21**	**3SE5312-0SD11**
		115VAC	**3SE5322-0SD22**	**3SE5312-0SD12**
		230VAC	**3SE5322-0SD23**	**3SE5312-0SD13**
3SE5322-0SE21	With auxiliary release with lock	24VDC	**3SE5322-0SE21**	**3SE5312-0SE11**
		115VAC	**3SE5322-0SE22**	**3SE5312-0SE12**
		230VAC	**3SE5322-0SE23**	**3SE5312-0SE13**
3SE5322-0SF21	With escape release from the front	24VDC	**3SE5322-0SF21**	**3SE5312-0SF11**
		115VAC	**3SE5322-0SF22**	**3SE5312-0SF12**
		230VAC	**3SE5322-0SF23**	**3SE5312-0SF13**
3SE5322-0SG21	With escape release from the back and auxiliary release from the front	24VDC	**3SE5322-0SG21**	**3SE5312-0SG11**
		115VAC	**3SE5322-0SG22**	**3SE5312-0SG12**
		230VAC	**3SE5322-0SG23**	**3SE5312-0SG13**
3SE5322-0SJ21	With emergency release from the back and auxiliary release from the front	24VDC	**3SE5322-0SJ21**	**3SE5312-0SJ11**
		115VAC	**3SE5322-0SJ22**	**3SE5312-0SJ12**
		230VAC	**3SE5322-0SJ23**	**3SE5312-0SJ13**
3SE5322-0SB21	Solenoid-locked	24VDC	**3SE5322-0SB21**	**3SE5312-0SB11**
		115VAC	**3SE5322-0SB22**	**3SE5312-0SB12**
		230VAC	**3SE5322-0SB23**	**3SE5312-0SB13**

Accessories

3SE5000-0AV01

3SE5000-0AV02

3SE5000-0AV03

3SE5000-0AV05-1AA6

3SE5000-0AV07

Description		Type
Standard actuator	Length 75.6 mm	**3SE5000-0AV01**
	With vertical fixing, length 53 mm	**3SE5000-0AV02**
	With transverse fixing, length 47 mm	**3SE5000-0AV03**
Radius actuator length 51mm	Direction of approach from the left	**3SE5000-0AV04**
	Direction of approach from the right	**3SE5000-0AV06**
Universal radius actuator	Length 77 mm	**3SE5000-0AV05**
	Length 77 mm, tab rotated 90°	**3SE5000-0AV05-1AA6**
Universal radius actuator, heavy duty	Length 67 mm	**3SE5000-0AV07-1AK2**
	Length 77 mm	**3SE5000-0AV07**

Prices available on request

Easy, flexible, efficient

Integrated connection of the field level to the control – revolutionized automation applications with AS-i and benefits

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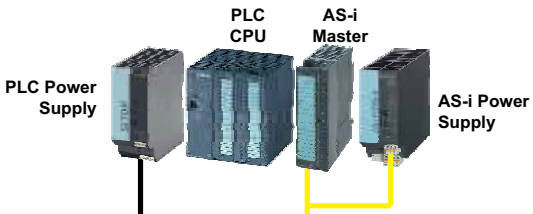
AS-I Masters and Power supplies

I/O Modules

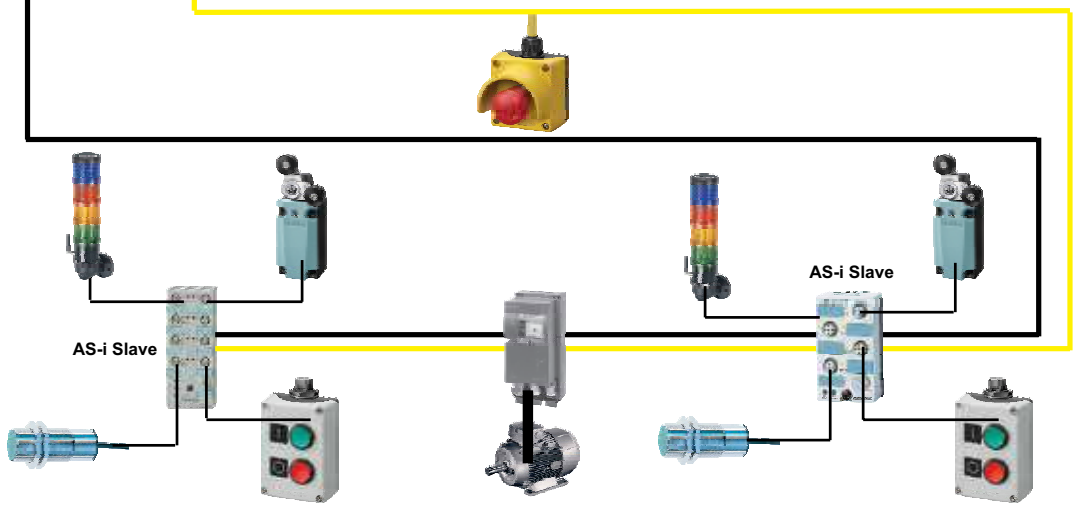
Integrated Solutions



Actuator Sensor interface (AS-i) is a 2 wire simple bus system that connects field devices like limit switches, proximity sensors, valves, etc to a PLC. This eliminates the huge control cabling in your machine/ plant.

AS-i can be used in any machine / process having Sensors (Push buttons, Limit switches, Proximity sensors) Actuators (Valves, indicating lamps, contactors etc.) across diverse industries.

- Reduction in field wiring
- Less source for errors
- Faster diagnostics
- Increased uptime
- Increased productivity



SIMOCODE pro:
Flexible, modular and safe

The made-to-measure motor management system

- Motor protection, monitoring and control in a single system
- Fail-safe disconnection of motors
- Detailed operating, service and diagnostics data
- Open communication via PROFIBUS / PROFINET and OPC UA

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SIMOCODE Pro

Basic Unit

Description	Type
Pro S on Profibus with 110-240VAC/DC control	3UF7020-1AU01-0
Pro S on Profibus with 24VDC control	3UF7020-1AB01-0
Pro V on Profibus with 110-240VAC/DC control	3UF7010-1AU00-0
Pro V on Profibus with 24VDC control	3UF7010-1AB00-0
Pro C on Profibus with 110-240VAC/DC control	3UF7000-1AU00-0
Pro C on Profibus with 24VDC control	3UF7000-1AB00-0
Pro V PN on Profinet with 110-240VAC/DC control	3UF7011-1AU00-0
Pro V PN on Profinet with 24VDC control	3UF7011-1AB00-0
Pro V on Modbus RTU with 110-240VAC/DC control	3UF7012-1AU00-0
Pro V on Modbus RTU with 24VDC control	3UF7012-1AB00-0
Pro V on EtherNet/IP with 110-240VAC/DC control	3UF7013-1AU00-0
Pro V on EtherNet/IP with 24VDC control	3UF7013-1AB00-0

Current Measuring Module

Description	Type
0.3 to 3A	3UF7100-1AA00-0
2.4 to 25A	3UF7101-1AA00-0
10 to 100A	3UF7102-1AA00-0
20 to 200A	3UF7103-1AA00-0
20 to 200A (Busbar Connection)	3UF7103-1BA00-0
63 to 630A (Busbar Connection)	3UF7104-1BA00-0

Current/Voltage Measuring Module (2nd generation)

Description	Type
0.3 to 4A	3UF7110-1AA01-0
3.0 to 40A	3UF7111-1AA01-0
10 to 115A	3UF7112-1AA01-0
20 to 200A	3UF7113-1AA01-0
20 to 200A (Busbar Connection)	3UF7113-1BA01-0
63 to 630A (Busbar Connection)	3UF7114-1BA01-0

Prices available on request

Operator Panel (Optional)

Description	Type
Operator Panel (for Pro S)	3UF7200-1AA01-0
Operator Panel (for Pro C, Pro V)	3UF7200-1AA00-0
Operator Panel with Display (for Pro V)	3UF7210-1AA01-0

Connecting Cable

Description	Type
Side by Side (0.025m flat)	3UF7930-0AA00-0
Length 0.1m (flat)	3UF7931-0AA00-0
Length 0.3m (flat)	3UF7935-0AA00-0
Length 0.5m (flat)	3UF7932-0AA00-0
Length 0.5m (round)	3UF7932-0BA00-0
Length 1m (round)	3UF7937-0BA00-0
Length 2.5m (round)	3UF7933-0BA00-0

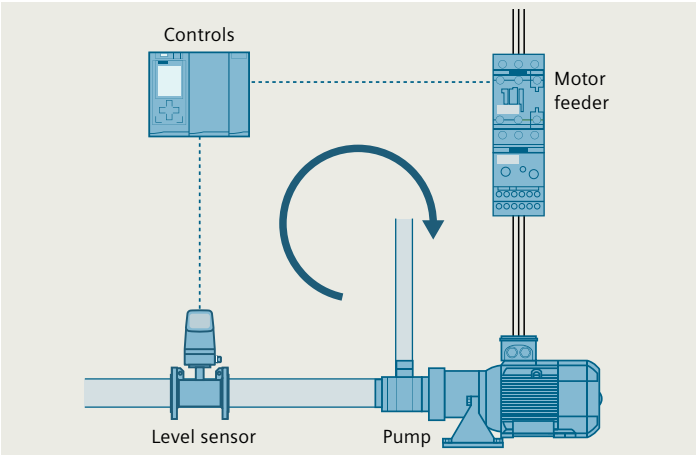
Configuration Software

Description	Type
Premium upgrade for SIMOCODE ES 2007	3ZS1322-6CC15-0YE5
SIMOCODE ES V17 (TIA Portal) Premium Package – Floating license	3ZS1322-6CC15-0YA5

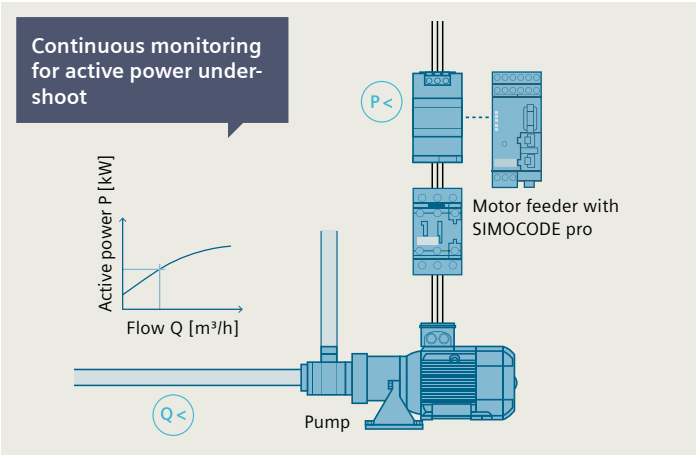
Accessories

Description	Type
PC Cable for PC/PG communication - USB connection	3UF7941-0AA00-0
Memory Module for pro S, pro C & pro V on Profibus	3UF7900-0AA01-0
Memory Module for pro V PN on Profinet	3UF7901-0AA01-0
Addressing Plug for pro S, pro C & pro V on Profibus	3UF7910-0AA00-0
Door Adaptor	3UF7920-0AA00-0
Initialization module for the automatic parameterization of SIMOCODE pro S/pro V	3UF7902-0AA00-0

Your benefits through active power-based dry running protection



Conventional dry running monitoring with a sensor



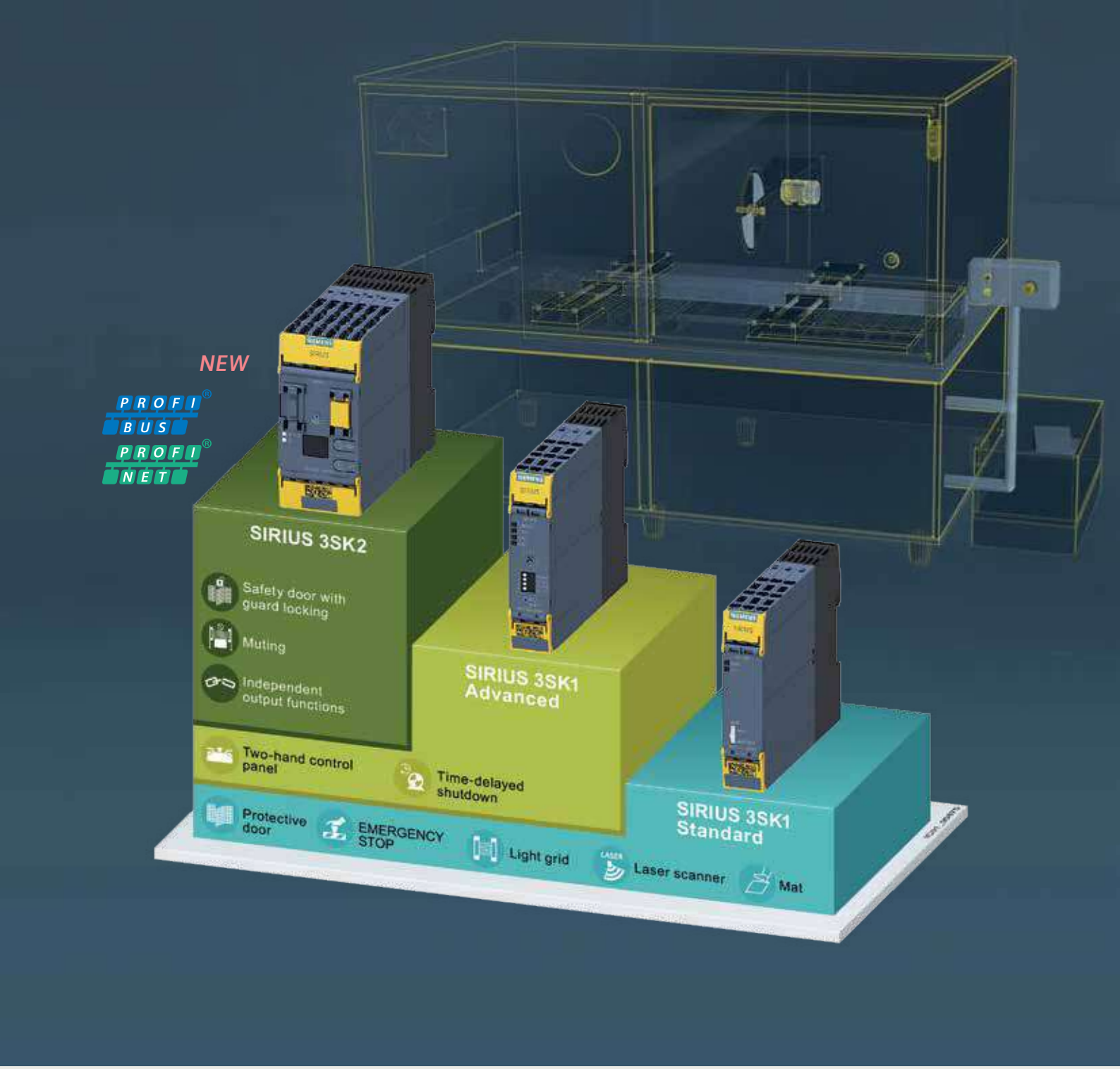
Active power-based dry running protection

Earlier fault detection
- Direct conclusions concerning the flow rate can be drawn from the active power consumption of the pump motor
- Reliable prevention of dry running of the pump and therefore less damage to the pump

Cost and time savings
- No maintenance effort due to the elimination of mechanical wear of the sensors
- No additional sensor required

Reduction of hardware
- No need for additional sensors and mechanical components
- Simplified engineering

Reliable monitoring of the system
- Compliance with ATEX and IECEx criteria
- Reliable and automatic pump switch-off in the event of inadmissible operating conditions



SIRIUS 3SK Safety relays

Select the optimum device – precisely for your application

SIRIUS 3SK safety relays offer outstanding simplicity and flexibility. Their modular design simplifies the planning, commissioning and expansion of plants. Simple safety functions, such as EMERGENCY STOP and protective door monitoring up to SIL 3 and PL e, can be quickly implemented without programming.

The safety relays are certified in accordance with IEC 62061 and ISO 13849-1 and are internationally applicable. The 3SK1 and 3SK2 versions of the device are available to meet differing requirements. The devices can be used for both stand-alone and integrated solutions.

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SIRIUS 3SK Safety relays

Relay enable circuit	Semiconductor enable circuit	Contacts				Rated control supply voltage	Unit LP ₹	MOQ
		EC	SC	EC (td)	Adjustable Time Delay (td)			
SIRIUS 3SK1 standard basic units								
3SK1111-1AB30		3	1	--	--	24V AC/DC	**28010.-**	**1**
3SK1111-1AW20		3	1	--	--	110-240V AC/DC	**28010.-**	**1**
	3SK1112-1BB40	2	1	--	--	24V DC	**25750.-**	**1**
SIRIUS 3SK1 advanced basic units								
3SK1121-1CB41		2	--	2	0.05...3 Sec	24V DC	**42930.-**	**1**
3SK1121-1CB42		2	--	2	0.5...30 Sec	24V DC	**42930.-**	**1**
3SK1121-1CB44		2	--	2	5.0...300 Sec	24V DC	**42930.-**	**1**
	3SK1122-1CB41	2	--	2	0.05...3 Sec	24V DC	**25750.-**	**1**
	3SK1122-1CB42	2	--	2	0.5...30 Sec	24V DC	**25750.-**	**1**
	3SK1122-1CB44	2	--	2	5.0...300 Sec	24V DC	**25750.-**	**1**
SIRIUS 3SK1 Output expansion module								
3SK1211-1BB00		4	1			24V AC	**25240.-**	**1**
3SK1211-1BB40		4	1			24V DC	**25240.-**	**1**
3SK1211-1BW20		4	1			110-240V AC/DC	**25240.-**	**1**
SIRIUS 3SK2 Basic Unit								
	3SK2112-1AA10	10	--	2	0.05...3 Sec	24V DC	**Prices available on request**	**1**
	3SK2122-1AA10	20	--	4	0.05...3 Sec			1

Note: EC = enable Circuit(s), SC = signaling circuit(s), td = delayed

Everything for your safety

Detecting

Which sensors can be connected?

SIRIUS 3SE5 position switches

SIRIUS ACT / 3SB5 Emergency STOP

SIRIUS ACT Two-hand operation consoles

SIRIUS foot switches

Evaluating

How can you perform quick, flexible evaluation?

SIRIUS 3SK Safety relays

NEW

SIRIUS 3RQ1 Coupling relays

Reacting

Which actuators can be connected?

SIRIUS 3RT Contactors

SIRIUS 3RW Soft Starter

SIRIUS 3RM1 Motor Starters

SIRIUS 3RQ1 coupling relays

NEW

The 3RQ1 relays are force-guided in accordance with IEC 60947-5-1 (IEC 61810-3), the mechanical connection between the contacts ensures the NO and NC contacts are never closed simultaneously. This means failures to open can be reliably recognized in order to ensure maximum safety.

These coupling relays are also an integral component of the 3SK safety relay system and serve as an output expansion module. 3RQ1 coupling relays are available in two variants to fulfill SIL 2 & SIL 3.

Type	Contacts		Rated control supply voltage	Unit LP ₹	MOQ
	NO	NC			
3RQ1000-1EB00	1	1	24V DC	**Prices available on request**	**1**
3RQ1000-1GB00	2	1			**1**
3RQ1000-1HB00	2	2			**1**
3RQ1000-1LB00	4	1			**1**

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SIECAP™ LV Power Capacitors

ND+ (Normal Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 200.I_N)
- Long life expectancy upto 100000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	2675.-	1
	6	4RB2060-3EE52-8K	2510.-	1
	7	4RB2070-3EE52-8K	2930.-	1
	7.5	4RB2075-3EE52-8K	3145.-	1
	8.3	4RB2083-3EE52-8K	3480.-	1
	9	4RB2090-3EE52-8K	3770.-	1
	10	4RB2100-3EE52-8K	4195.-	1
	12.5	4RB2125-3EE52-8K	4525.-	1
	15	4RB2150-3EE52-8K	5425.-	1
	16.7	4RB2167-3EE52-8K	6030.-	1
	20	4RB2200-3EE52-8K	7220.-	1
	20.8	4RB2208-3EE52-8K	7520.-	1
	25	4RB2250-3EE52-8K	9040.-	1
	28	4RB2280-3EE52-8K	10120.-	1
	30	4RB2300-3EE52-8K	10850.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2465.-	1
	5.5	4RB2055-3EJ52-8K	2725.-	1
	8.3	4RB2083-3EJ52-8K	3635.-	1
	10.4	4RB2104-3EJ52-8K	4555.-	1
	11.1	4RB2111-3EJ52-8K	4645.-	1
	12.5	4RB2125-3EJ52-8K	4765.-	1
	13.8	4RB2138-3EJ52-8K	5255.-	1
	15	4RB2150-3EJ52-8K	5710.-	1
	16.7	4RB2167-3EJ52-8K	6350.-	1
	20.8	4RB2208-3EJ52-8K	7920.-	1
	25	4RB2250-3EJ52-8K	9510.-	1
	27.7	4RB2277-3EJ52-8K	10540.-	1
	30	4RB2300-3EJ52-8K	11420.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

SIECAP™ LV Power Capacitors

HD (Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (up to 250.I_N)
- Long life expectancy up to 130000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	3280.-	1
	7.5	4RB2075-3EB53-8K	4360.-	1
	10.4	4RB2104-3EB53-8K	6050.-	1
	12.5	4RB2125-3EB53-8K	6565.-	1
	15	4RB2150-3EB53-8K	7880.-	1
	20	4RB2200-3EB53-8K	10505.-	1
	25	4RB2250-3EB53-8K	13130.-	1
440	5	4RB2050-3EE53-8K	3380.-	1
	7.5	4RB2075-3EE53-8K	4360.-	1
	10	4RB2100-3EE53-8K	5815.-	1
	12.5	4RB2125-3EE53-8K	6565.-	1
	15	4RB2150-3EE53-8K	7880.-	1
	20	4RB2200-3EE53-8K	10505.-	1
	25	4RB2250-3EE53-8K	13130.-	1
	28.1	4RB2281-3EE53-8K	14750.-	1
	30	4RB2300-3EE53-8K	15750.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	3380.-	1
	6.3	4RB2063-3EJ53-8K	3780.-	1
	8.3	4RB2083-3EJ53-8K	4980.-	1
	10.4	4RB2104-3EJ53-8K	5665.-	1
	11	4RB2110-3EJ53-8K	5990.-	1
	12.5	4RB2125-3EJ53-8K	6800.-	1
	13.8	4RB2138-3EJ53-8K	7510.-	1
	15	4RB2150-3EJ53-8K	8160.-	1
	16.7	4RB2167-3EJ53-8K	9080.-	1
	18.7	4RB2187-3EJ53-8K	10170.-	1
	20	4RB2200-3EJ53-8K	10885.-	1
	22	4RB2220-3EJ53-8K	11960.-	1
	25	4RB2250-3EJ53-8K	13590.-	1
	28.1	4RB2281-3EJ53-8K	15280.-	1
	30	4RB2300-3EJ53-8K	16310.-	1
525	5	4RB2050-3FC53-8K	3485.-	1
	6.3	4RB2063-3FC53-8K	3910.-	1
	8.3	4RB2083-3FC53-8K	5140.-	1
	10.4	4RB2104-3FC53-8K	5850.-	1
	12.5	4RB2125-3FC53-8K	7040.-	1
	13.2	4RB2132-3FC53-8K	7430.-	1
	15	4RB2150-3FC53-8K	8435.-	1
	16.7	4RB2167-3FC53-8K	9410.-	1
	20	4RB2200-3FC53-8K	11250.-	1
	25	4RB2250-3FC53-8K	14065.-	1
	26.5	4RB2265-3FC53-8K	14910.-	1
	30	4RB2300-3FC53-8K	16880.-	1
	33.1	4RB2331-3FC53-8K	18620.-	1

 # Purchase MOQ for our dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details.

For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

LP - List Price

SIECAP™ LV Power Capacitors

SHD (Super Heavy Duty) - Al Can, MPP resin filled

- High pulse current withstand capability (upto 500.I_N)
- Long life expectancy upto 200000 hrs
- Self healing type
- Inbuilt over pressure disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	3740.-	1
	6.3	4RB1063-3EB50-8K	4180.-	1
	7.5	4RB1075-3EB50-8K	4975.-	1
	10.4	4RB1104-3EB50-8K	6905.-	1
	12.5	4RB1125-3EB50-8K	7495.-	1
	15	4RB1150-3EB50-8K	8995.-	1
	20	4RB1200-3EB50-8K	11995.-	1
	25	4RB1250-3EB50-8K	14995.-	1
	28.1	4RB1281-3EB50-8K	16840.-	1
	30	4RB1300-3EB50-8K	17990.-	1
	33	4RB1330-3EB50-8K	19790.-	1
440	5	4RB1050-3EE50-8K	3860.-	1
	7.5	4RB1075-3EE50-8K	4975.-	1
	10	4RB1100-3EE50-8K	6640.-	1
	10.4	4RB1104-3EE50-8K	6905.-	1
	12.5	4RB1125-3EE50-8K	7495.-	1
	15	4RB1150-3EE50-8K	8995.-	1
	16.7	4RB1167-3EE50-8K	10015.-	1
	20	4RB1200-3EE50-8K	11995.-	1
	25	4RB1250-3EE50-8K	14995.-	1
	28.1	4RB1281-3EE50-8K	16840.-	1
	30	4RB1300-3EE50-8K	17990.-	1
	33.1	4RB1331-3EE50-8K	19850.-	1
480	5	4RB1050-3EJ50-8K	3860.-	1
	6.3	4RB1063-3EJ50-8K	4315.-	1
	8.3	4RB1083-3EJ50-8K	5690.-	1
	10.4	4RB1104-3EJ50-8K	6460.-	1
	11	4RB1111-3EJ50-8K	6840.-	1
	12.5	4RB1125-3EJ50-8K	7765.-	1
	13.8	4RB1138-3EJ50-8K	8580.-	1
	15	4RB1150-3EJ50-8K	9320.-	1
	16.7	4RB1167-3EJ50-8K	10370.-	1
	18.7	4RB1187-3EJ50-8K	11615.-	1
	20	4RB1200-3EJ50-8K	12425.-	1
	22	4RB1220-3EJ50-8K	13660.-	1
	25	4RB1250-3EJ50-8K	15520.-	1
	28.1	4RB1281-3EJ50-8K	17450.-	1
	30	4RB1300-3EJ50-8K	18625.-	1
	31	4RB1310-3EJ50-8K	19255.-	1
	33	4RB1330-3EJ50-8K	20500.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	3975.-	1
	6.3	4RB1063-3FC50-8K	4465.-	1
	8.3	4RB1083-3FC50-8K	5870.-	1
	10.4	4RB1104-3FC50-8K	6680.-	1
	12.5	4RB1125-3FC50-8K	8035.-	1
	13.2	4RB1132-3FC50-8K	8485.-	1
	15	4RB1150-3FC50-8K	9635.-	1
	16.7	4RB1167-3FC50-8K	10740.-	1
	20	4RB1200-3FC50-8K	12845.-	1
	25	4RB1250-3FC50-8K	16060.-	1
	26.5	4RB1265-3FC50-8K	17030.-	1
	30	4RB1300-3FC50-8K	19280.-	1
	33.1	4RB1331-3FC50-8K	21265.-	1
690	5.3	4RB1053-3GK50-8K	3515.-	1
	6.9	4RB1068-3GK50-8K	4590.-	1
	10.4	4RB1104-3GK50-8K	6905.-	1
	12.5	4RB1125-3GK50-8K	8305.-	1
	14.6	4RB1146-3GK50-8K	9695.-	1
	20	4RB1200-3GK50-8K	13280.-	1
	25	4RB1250-3GK50-8K	16600.-	1

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For information on less than 5 kvar and other kvar ratings at different voltages and frequency and use with detuned reactors, please contact your nearest Siemens Sales Office.

Std. Pkg. = 1 unit

LP - List Price

Harmonics filter

Detuned reactor

Features

- Insulation class H
- High linearity
- Temperature control via micro switch
- Low losses and low noise

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	**4KA1220-1AC01-0AA0**	**18150.-**
10kvar	5.67%	**4KA1220-3AC01-0AA0**	**21540.-**
12.5kvar	5.67%	**4KA1220-4AC01-0AA0**	**25210.-**
15kvar	5.67%	**4KA1220-5AC01-0AA0**	**27235.-**
20kvar	5.67%	**4KA1220-6AC01-0AA0**	**29130.-**
25kvar	5.67%	**4KA1220-7AC01-0AA0**	**31165.-**
5kvar	7%	**4KA1220-1AA01-0AA0**	**18140.-**
10kvar	7%	**4KA1220-3AA01-0AA0**	**24880.-**
12.5kvar	7%	**4KA1220-4AA01-0AA0**	**26860.-**
15kvar	7%	**4KA1220-5AA01-0AA0**	**31020.-**
20kvar	7%	**4KA1220-6AA01-0AA0**	**33045.-**
25kvar	7%	**4KA1220-7AA01-0AA0**	**34770.-**
50kvar	7%	**4KA1220-2BA01-0AA0**	**61950.-**
75kvar	7%	**4KA1220-3BA03-0AA0**	**86880.-**
100kvar	7%	**4KA1220-4BA03-0AA0**	**109350.-**
5kvar	14%	**4KA1220-1AB01-0AA0**	**23880.-**
12.5kvar	14%	**4KA1220-4AB01-0AA0**	**40075.-**
15kvar	14%	**4KA1220-5AB01-0AA0**	**46925.-**
20kvar	14%	**4KA1220-6AB01-0AA0**	**57100.-**
25kvar	14%	**4KA1220-7AB01-0AA0**	**64205.-**
50kvar	14%	**4KA1220-2BB01-0AA0**	**104260.-**
75kvar	14%	**4KA1220-3BB03-0AA0**	**133385.-**
100kvar	14%	**4KA1220-4BB03-0AA0**	**193935.-**

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	**4KA1420-1AC01-0AA0**	**13485.-**
10kvar	5.67%	**4KA1420-3AC01-0AA0**	**17195.-**
12.5kvar	5.67%	**4KA1420-4AC01-0AA0**	**18845.-**
15kvar	5.67%	**4KA1420-5AC01-0AA0**	**22285.-**
20kvar	5.67%	**4KA1420-6AC01-0AA0**	**25410.-**
25kvar	5.67%	**4KA1420-7AC01-0AA0**	**25730.-**
50kvar	5.67%	**4KA1420-2BC01-0AA0**	**46815.-**
5kvar	7%	**4KA1420-1AA01-0AA0**	**14355.-**
10kvar	7%	**4KA1420-3AA01-0AA0**	**18470.-**
12.5kvar	7%	**4KA1420-4AA01-0AA0**	**20425.-**
15kvar	7%	**4KA1420-5AA01-0AA0**	**23025.-**
20kvar	7%	**4KA1420-6AA01-0AA0**	**24520.-**
25kvar	7%	**4KA1420-7AA01-0AA0**	**26225.-**
50kvar	7%	**4KA1420-2BA01-0AA0**	**45090.-**
75kvar	7%	**4KA1420-3BA03-0AA0**	**61260.-**
100kvar	7%	**4KA1420-4BA03-0AA0**	**80115.-**
5kvar	14%	**4KA1420-1AB01-0AA0**	**19545.-**
10kvar	14%	**4KA1420-3AB01-0AA0**	**29315.-**
12.5kvar	14%	**4KA1420-4AB01-0AA0**	**31900.-**
15kvar	14%	**4KA1420-5AB01-0AA0**	**37765.-**
20kvar	14%	**4KA1420-6AB01-0AA0**	**41930.-**
25kvar	14%	**4KA1420-7AB01-0AA0**	**51160.-**
50kvar	14%	**4KA1420-2BB01-0AA0**	**90510.-**

LP - List Price

3TS Capacitor duty Contactors

Now in TI - GREY NEW

The 3TS capacitor duty contactor (with **patented** de-latching technology) provides a reliable and economical solution for capacitor switching applications.

Features and Benefits

- **De-latching operating principle**
- SIGUT Termination technique
- Finger touch proof terminals
- Compact Dimensions
- DIN / Screw mounting
- Reliable switching of capacitor banks
- Ease of wiring (can obviate use of lugs)
- Operator Safety
- Space saving
- Flexible mounting

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
5 kvar NEW	1 NO	3TS2110-0A..5-8K†	2420.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	2660.-				
10 kvar NEW	–	3TS2200-0A..5-8K†	2890.-	1NO+1NC	3TS2211-0A..5-8K	3315.-	
12.5 kvar	–	3TS1200-0A..5-8K†	2960.-	1NO+1NC	3TS1211-0A..5-8K	3385.-	1
16 kvar	–	3TS1300-0A..5-8K†	4070.-	1NO+1NC	3TS1311-0A..5-8K	4490.-	1
20 kvar	–	3TS1400-0A..5-8K†	4585.-	1NO+1NC	3TS1411-0A..5-8K	4995.-	1
25 kvar	–	3TS1500-0A..5-8K†	5295.-	1NO+1NC	3TS1511-0A..5-8K	5725.-	1
30 kvar NEW	–	3TS2500-0A..5-8K†	8250.-	1NO+1NC	3TS2511-0A..5-8K	8675.-	1
40 kvar NEW	2 NO + 2 NC	3TS2722-0A..5-8K	14000.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	16390.-				

† Facility to add one contact block of 1NO / 1NC

@ AC 50Hz coil code - Please enter coil codes from table below

	For 3TS contactors		
Code	F0	P0	R0
Coil voltage (V)	110	230	415

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	230.-	10
	1NC	■ 3TX4001-2A	230.-	10

3MT7 Capacitor Duty Contactors

NEW

Capacitor kvar 440V AC, 3Ph, 50Hz	Built-in aux. contacts	Type	Unit LP ₹	Std. pkg. (nos.)
60kVAr	1NO+2NC	3MT70060JA126A..	17420.-	1
80kVAr	1NO+2NC	3MT70080JA126A..	21385.-	1
100kVAr	1NO+2NC	3MT70100JA126A..	22225.-	1

Please add coil code from adjacent table

Note: For SIRIUS 3RT26 Capacitor Duty Contactors - Please contact Siemens

Refer Page No 41 for Capacitor Duty Contactor Spares

Coil 50/60Hz for 60 kvar contactor					
Coil Code	C2	G2	N2	P2	R2
Voltage	24V AC	110V AC	■ 220V AC	■ 240V AC	415V AC

Coil 50Hz for 80 & 100 kvar contactors				
Coil Code	F0	M0	U0	V0
Voltage	110V AC	■ 220V AC	■ 240V AC	415V AC

Automatic Power Factor Correction Relay (APFC relay)

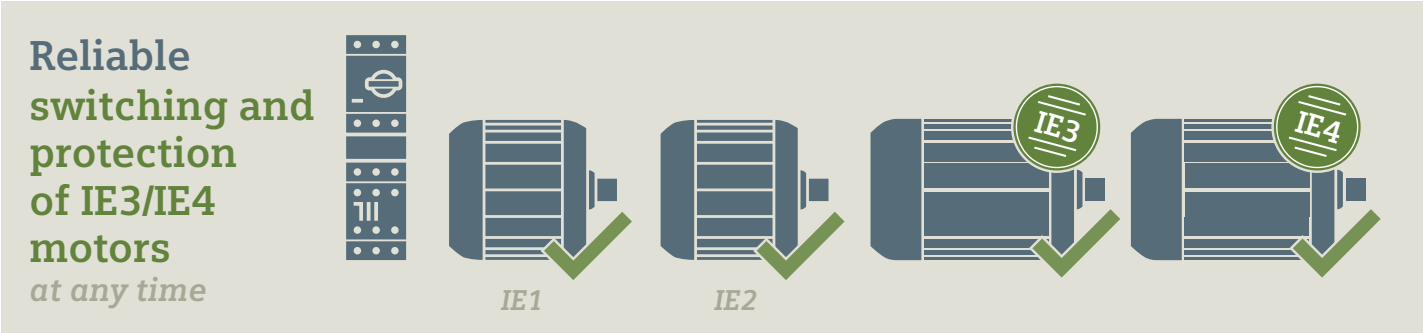
Features

- Easy accessibility of parameters
- Universal control supply–optimizing the no of variants
- Automatic/ Linear/ rotational switching modes of banks
- Selectable 1A/ 5A current input
- LCD version with RS485 Communication MODBUS RTU Protocol
- Confirms to IEC60947-5-1, carry CE and RoHS Compliant

for more info scan QR code

7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	22235.-	1
	12 Stage with LCD display	7UG0572-1GT20	23815.-	1
	12 stage with LED display	7UG0572-1GT21	13620.-	1



Fuseless selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(Motor starter protector 3RV2 + Contactor 3RT)

Suitable for IE3/IE4

- The selection is valid only for complete Siemens combinations i.e. MPCB + contactor + bi-relay (+timer)
- In case this combination is changed to accommodate another brand/rating of MPCB/MCCB/contactor/BMR, it shall be the responsibility of the person making such a change to assure Type 2 performance.
- Selection is for normal starting conditions (Class 10 Feeder). For heavy starting applications (e.g. ID/FD fans, reciprocating compressor, ball mills etc.), please consult Siemens.
- All selections with MPCB are Type tested, selections with MCCB are recommended. For type tested selections & higher breaking capacity refer "Load feeder configuration manual".
- Low LCC = Low life cycle cost

3RV20 comes with in-built overload protection, hence external bi-relay is eliminated

Direct-on-line feeder, for low LCC

SL Motor		Circuit breaker@		Contactor		Bi-relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps (Guide value)	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3RV2011-0KA10	1.25	3RT2015	7	#	0.9 ... 1.1
0.55	1.5	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.4
0.75	1.9	3RV2011-1BA10	2	3RT2015	7	#	1.8 ... 2.2
1.1	2.7	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 2.8
1.5	3.6	3RV2011-1FA10	5	3RT2024	12	#	3.5 ... 4.5
2.2	5.0	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 5.5
3.7	6.5	3RV2011-1HA10	8	3RT2024	12	#	5.5 ... 7
4	8.5	3RV2011-1JA10	10	3RT2024	12	#	7 ... 9
5.5	11.5	3RV2011-1KA10	12.5	3RT2024	12	#	9 ... 10
7.5	15.5	3RV2021-4BA10	20	3RT2027	32	#	13 ... 16
11	22	3RV2021-4CA10	22	3RT2027	32	#	18 ... 23
15	29	3RV2021-4EA10*	32	3RT2027	32	#	27 ... 30
18.5	35	3RV2032-4PA10	36	3RT2035	40	#	28 ... 32
22	41	3RV2032-4VA10	45	3RT2036	50	#	35 ... 42
30	55	3RV2032-4XA10	59	3RT2037	65	#	49 ... 54
37	66	3RV2032-4KA10	73	3RT2038	80	#	62 ... 70
45	80	3RV2042-4RA10	84	3RT2045	80	#	65 ... 80
55	97	3RV2042-4MA10	100	3RT2047	110	#	80 ... 100
55	97	3VA2216-5MN32-0AA0	160	3RT1054	115	#	63 ... 115
75	132	3VA2216-5MN32-0AA0	160	3RT1055	150	#	63 ... 140
90	160	3VA2220-5MN32-0AA0	200	3RT1056	185	#	80 ... 175
110	195	3VA2325-5MN32-0AA0	250	3RT1064	225	#	100 ... 225
132	230	3VA2440-5MN32-0AA0	400	3RT1065	265	#	160 ... 265
160	280	3VA2440-5MN32-0AA0	400	3RT1066	300	#	160 ... 300
200	350	3VA2450-5MN32-0AA0	500	3RT1075	400	#	200 ... 400
250	430	3VA2450-5MN32-0AA0	500	3RT1076	500	#	200 ... 440

* Starting current up to 256A

$ 3RV21 'relay function' motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 MPCB respectively

@ Motor switching operations with circuit breaker 3VA are not allowed.

Alternative combinations with 3VA1 available, contact nearest sales office

For more motor feeder selection charts with various SIRIUS devices see configuration manual "Configuring SIRIUS Innovations – Selection Data for Fuseless and Fused Load Feeders", https://support.industry.siemens.com/cs/ww/en/view/39714188

Fuseless selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3RV with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. MPCB / MCCB + contactor + bi-relay (+timer)
- In case this combination is changed to accommodate another brand/rating of MPCB/MCCB/contactor/BMR, it shall be the responsibility of the person making such a change to assure Type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). For heavy starting applications (e.g. ID/FD fans, reciprocating compressor, ball mills etc.), please consult Siemens.
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- All selections with MPCB are Type tested, selections with MCCB are recommended. For type tested selections & higher breaking capacity refer "Load feeder configuration manual".
- Low LCC = Low life cycle cost

Direct-on-line feeder, for low LCC

SL motor		Circuit breaker $		Contactor		Bi-relay	
kW 415V, 3ph, 50/60 Hz	I_L Amp	Type	Amp	Type	Amp	Type	Set-Range Amp
0.37	1.1	3RV2011-0KA10	1.25	3RT2015	7	#	0.9 ... 1.25
0.55	1.4	3RV2011-1AA10	1.6	3RT2015	7	#	1.1 ... 1.6
0.75	1.7	3RV2011-1BA10	2	3RT2015	7	#	1.4 ... 2
1.1	2.4	3RV2011-1DA10	3.2	3RT2015	7	#	2.2 ... 3.2
1.5	3.2	3RV2011-1EA10	4	3RT2015	7	#	2.8 ... 4
2.2	4.8	3RV2011-1GA10	6.3	3RT2024	12	#	4.5 ... 6.3
3.7	7.4	3RV2011-1HA10	8	3RT2024	12	#	5.5 ... 8
4	8.5	3RV2011-1JA10	10	3RT2024	12	#	7.....10
5.5	11.5	3RV2011-1KA10	12.5	3RT2024	12	#	9 ... 12.5
7.5	15	3RV2011-4AA10	16	3RT2026	25	#	10 ... 16
11	21	3RV2021-4DA10	25	3RT2027	32	#	20 ... 25
15	29	3RV2021-4EA10	32	3RT2027	32	#	27 ... 32
18.5	34	3RV2031-4UA10	40	3RT2035	40	#	32 ... 40
22	40	3RV2032-4VA10	45	3RT2036	50	#	35 ... 45
30	57	3RV2031-4JA10	65	3RT2037	65	#	54 ... 65
37	64	3RV2031-4KA10	73	3RT2038	80	#	62 ... 73
45	77	3RV2031-4RA10	80	3RT2038	80	#	70 ... 80
55	101	3VA1112-5MH32-0AA0	125	3RT1054	115	3RU2156-5CB10-8K	90... 125
75	134	3VA1216-5MH32-0AA0	160	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3VA1220-5MH32-0AA0	200	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3VA1325-5MH32-0AA0	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3VA1325-5MH32-0AA0	250	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3VA1332-5MH32-0AA0	320	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3VA1440-5MH32-0AA0	400	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3VA1450-5MH32-0AA0	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

$ 3RV11 / 3RV21 'relay function' motor protection circuit-breaker can also be used in place of 3RV10 / 3RV20 motor protection circuit-breaker respectively
# 3RV10 /3RV20 comes with in-built overload protection, hence external bi-relay is eliminated

Suitable for IE2/IE3/IE4 Motors

Star-Delta feeder, for Low LCC

SL motor			Circuit breaker$		Contactor line/delta		Contactor star		Bi-relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
5.5	11.5	6.7	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1HB0	5.5 - 8	3RP15
7.5	15.5	8.7	3RV2321-4AC10	16	3RT2026	25	3RT2015	7	3RU2126-1JB0	7-10	3RP15
11	22	12.2	3RV2321-4DC10	25	3RT2027	32	3RT2024	12	3RU2126-4AB0	11...16	3RP15
15	29	16.8	3RV2321-4EC10	32	3RT2027	32	3RT2024	12	3RU2126-4BB0	14 ... 20	3RP15
18.5	35	19.7	3RV2332-4UC10	40	3RT2035	40	3RT2027	32	3RU2136-4DB0	18 ... 25	3RP15
22	41	23.2	3RV2332-4VC10	45	3RT2036	50	3RT2027	32	3RU2136-4EB0	22 ... 32	3RP15
30	55	33.1	3RV2332-4JC10	65	3RT2037	65	3RT2035	40	3RU2136-4FB0	28 ... 40	3RP15
37	66	37.1	3RV2332-4KC10	73	3RT2038	80	3RT2035	40	3RU2136-4GB0	36 ... 45	3RP15
45	80	44.7	3RV2332-4RC10	80	3RT2038	80	3RT2035	40	3RU2136-4HB0	40 ... 50	3RP15
55	97	58.6	3VA1112-5MH32-0AA0	125	3RT2045	80	3RT2036	50	3RU2146-4JB0	45 ... 63	3RP15
75	134	77.7	3VA1216-5MH32-0AA0	160	3RT1054	115	3RT2037	65	3RU2156-5BB10-8K	70 ... 100	3RP15
90	156	90.5	3VA1220-5MH32-0AA0	200	3RT1055	150	3RT2038	80	3RU2156-5BB10-8K	70 ... 100	3RP15
110	190	110.2	3VA1325-5MH32-0AA0	250	3RT1056	185	3RT2046	95	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	132.2	3VA1325-5MH32-0AA0	250	3RT1056	185	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	156	3VA1332-5MH32-0AA0	320	3RT1064	225	3RT1054	115	3RU2166-5EB10-8K	140 ... 200	3RP15
200	350	203	3VA1440-5MH32-0AA0	400	3RT1065	265	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	249	3VA1450-5MH32-0AA0	500	3RT1066	300	3RT1064	225	3RU2166-5GB10-8K	220 ... 320	3RP15

** Starting current up to 780A

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3RT & 3RU)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnector Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor		SDF		Fuse		Contactor		Bi-Relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps	Type	Amp	Type	Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1.1	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.4	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.7	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.4	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.2	3KL811	20	3NA78030RC	10	3RT2015	7	3RU2116-1EB0	2.8 ... 4
2.2	4.8	3KL811	20	3NA78050RC	16	3RT2015	7	3RU2116-1GB0	4.5 ... 6.3
3.7	7.4	3KL811	20	3NA78070RC	20	3RT2024	12	3RU2126-1JB0	7...10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	15	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ...16
11	21	3KL815	63	3NA78200RC	50	3RT2027	32	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2035	40	3RU2136-4EB0	22 ... 32
18.5	34	3KL821	100	3NA78240RC	80	3RT2035	40	3RU2136-4FB0	28 ... 40
22	40	3KL821	100	3NA78240RC	80	3RT2036	50	3RU2136-4GB0	36 ... 45
30	57	3KL821	100	3NA78300RC	100	3RT2037	65	3RU2136-4QB0	47 ... 57
37	64	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4KB0	62 ... 73
45	77	3KL822	125	3NA78320RC	125	3RT2046	95	3RU2136-4RB0	70 ... 80
55	101	3KL823	160	3NA78360RC	160	3RT1054	115	3RU2156-5CB10-8K	90 ... 125
75	134	3KL831	200	3NA71400RC	200	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3KL832	250	3NA71440RC	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	190	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	228	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	269	3KL834	400	3NA72600RC	400	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3KL841	500	3NA33650RC	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3KL841	500	3NA33650RC	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

Star-Delta feeder, for Low LCC

SL Motor			SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
4	7.8	4.5	3KL811	20	3NA78030RC	10	3RT2023	9	3RT2023	9	3RU2126-1FB0	3.5 ... 5	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3RT2023	9	3RT2023	9	3RU2126-1HB0	5.5 ... 8	3RP15
7.5	15	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	21	12	3KL812	32	3NA78100RC	25	3RT2025	17	3RT2023	9	3RU2126-1KB0	9 ... 12.5	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3RT2026	25	3RT2025	17	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3RT2027	32	3RT2026	25	3RU2126-4CB0	17 ... 22	3RP15
22	40	23.2	3KL815	63	3NA78200RC	63	3RT2035	40	3RT2026	25	3RU2136-4DB0	18 ... 25	3RP15
30	57	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	64	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	77	45	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	101	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	134	75.6	3KL823	160	3NA78360RC	160	3RT2038	80	3RT2037	65	3RU2136-4RB0	70 ... 80	3RP15
90	156	90	3KL823	160	3NA78360RC	160	3RT2046	95	3RT2038	80	3RU2146-4LB0	70 ... 90	3RP15
110	190	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	228	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	269	162	3KL833	315	3NA72520RC	315	3RT1056	185	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3KL834	400	3NA72600RC	400	3RT1064	225	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3KL841	500	3NA33650RC	500	3RT1075	400	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Available till stocks last

Power Contactors - SICOP 3TF

Size	Rated current (A) Ie AC3 upto 415V	Motor kW at 415V 50Hz, 3ph	AC 50 Hz coil (LPs for 110, 230, 415V)			
			Auxiliary contacts	Type Pl. fill in coil voltage code	Unit LP ₹	Std. pkg. (nos.)
12	475	250	2NO+2NC $	■ 3TF5702-0C..	144560.-	1

Spares for SICOP and SICONT Plus Contactors

SICOP main contact kits (set of 6 fixed & 3 moving contacts)

For Contactor (AC3 Rating)	Type	LP per set ₹	Std. pkg. (nos.)
3TF57 (475A)	3TY7570-0YA	52735.-	1

SICOP arc chambers

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
3TF57	3TY7572-0YA	6080.-	1

AC coils (50 Hz)

For contactor	Type†	Unit LP ₹		Std. pkg. (nos.)
		For 110/230/ 415V 50Hz	For all other coil voltages	
3TF57	3TY7573-0C..	24015.-	NA	1

AC coils 50/60 Hz coil code: 3TF57

Coil Voltage (V)	110-132	■ 220-240	380-460
Code	F7	M7	Q7

3TS Converter duty Contactors

Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
12	630	3TS5722-0C..1-8K*	98965.-	1

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS57	Spare main contact kits	3TS9157-01-8K	44035.-	1

Spare coils

	AC Coil	Unit LP ₹
3TS57	3TY7573-0C..	24015.-

for 3TS57

AC 50/60Hz	Coil voltage (V)	110-132	220-240
	Code	F7	M7

* 3TS57 - Suitable for AC-1 applications. For frequency converter applications refer to the nearest Siemens office

Motor protection circuit breakers - 3VU

MPCBs for motor and plant protection

Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos.)
0.1 - 0.16	3VU1340-0MB00	8130.-	3VU1340-1MB00	9765.-	1
0.16 - 0.24	3VU1340-0MC00		3VU1340-1MC00		1
0.24 - 0.4	3VU1340-0MD00		3VU1340-1MD00		1
0.4 - 0.6	3VU1340-0ME00	9450.-	■ 3VU1340-1ME00	11100.-	1
0.6 - 1	3VU1340-0MF00		■ 3VU1340-1MF00		1
1 - 1.6	3VU1340-0MG00	9530.-	■ 3VU1340-1MG00	11170.-	1
1.6 - 2.4	3VU1340-0MH00		■ 3VU1340-1MH00		1
2 - 3.2	3VU1340-0NH00	9975.-	■ 3VU1340-1NH00	11415.-	1
2.4 - 4	3VU1340-0MJ00		■ 3VU1340-1MJ00		1
3.2 - 5	3VU1340-0NJ00		■ 3VU1340-1NJ00		1
4 - 6	3VU1340-0MK00		■ 3VU1340-1MK00		1
5 - 8	3VU1340-0NK00		■ 3VU1340-1NK00		1
6 - 10	3VU1340-0ML00		■ 3VU1340-1ML00		1
8 - 13	3VU1340-0NL00	11575.-	■ 3VU1340-1NL00	13000.-	1
10 - 16	3VU1340-0MM00	11575.-	■ 3VU1340-1MM00	13000.-	1
14 - 20	3VU1340-0MN00	11790.-	■ 3VU1340-1MN00	13245.-	1
18 - 25	3VU1340-0MP00	13655.-	■ 3VU1340-1MP00	15100.-	1
6 - 10	3VU1640-0ML00	21250.-	■ 3VU1640-1ML00	22620.-	1
10 - 16	3VU1640-0MM00	21250.-	■ 3VU1640-1MM00	22620.-	1
16 - 25	3VU1640-0MN00	25810.-	■ 3VU1640-1MN00	27230.-	1
22 - 32	3VU1640-0MP00	25810.-	■ 3VU1640-1MP00	27230.-	1
28 - 40	3VU1640-0MQ00	27700.-	■ 3VU1640-1MQ00	29105.-	1
36 - 52	3VU1640-0MR00	27700.-	■ 3VU1640-1MR00	29105.-	1
45 - 63#	3VU1640-0LS00	32940.-	3VU1640-1LS00	35795.-	1

Circuit-breakers for plant protection

Circuit breakers with aux. 1NO+1NC, for fuse monitoring

Rated current In A	Overload release range A	Shortcircuit release setting A	Type	Unit LP ₹	Std. pkg. (nos.)
0.2	0.2	1.2	■ 3VU1340-1MS00	9765.-	1

Circuit breakers with aux. 1NO+1NC, for line-side protection of transformers with high inrush current

Rated current In A	Overload release range A	Shortcircuit release setting A	Type	Unit LP ₹	Std. pkg. (nos.)
0.6	0.4 - 0.6	12	3VU1340-1TE00	14900.-	1
1	0.6 - 1	15	3VU1340-1TF00		1
1.6	1 - 1.6	29	3VU1340-1TG00		1
2.4	1.6 - 2.4	48	3VU1340-1TH00		1
4	2.4 - 4	72	3VU1340-1TJ00		1
6	4 - 6	120	3VU1340-1TK00		1
10	6 - 10	190	3VU1340-1TL00		1
16	10 - 16	300	3VU1340-1TM00		1
20	14 - 20	300	3VU1340-1TN00		1

Accessories for 3VS/3VU

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
50 kA current limiter for 3VS13/3VU13 only	Rated current = 56 A aux contacts 1NO+1NC	3VU9138-2AB00	13100.-	1

Available till stocks last

3RW40

From 75 - 250 kW

- Soft start, soft stop, adjustable current limit.
- Integrated bypass contact system
- Integrated microprocessor based overload relay with adjustable trip class 10/15/20.
- Intrinsic device protection to protect against thermal overloading of thyristors.
- Integrated state and fault monitoring
- Innovative 2-phase "Polarity Balancing" operation

3RW44

From 22 - 1200 kW

- Coated Circuit board for better withstanding in harsh environments
- Torque control, Adjustable current limiting
- Graphical display (LCD) with background illumination
- Optional communication modules (PROFINET/PROFIBUS DP)
- Programmable 4 inputs and 3 outputs.
- Integrated motor overload protection with adjustable trip class 5/10/15/20/30 and device self-protection
- Integrated bypass contact system
- Integrated state and fault monitoring
- Standard circuit (in-line) and inside-the-delta circuit
- Creep speed / inching mode / brake function

3RW40: for standard applications

Rated operating voltage Ue, In line circuit V AC	Motor rating at 415V, 40°C, normal starting, in line circuit kW	Rated operating current Ie (AC-53a) A (40°C/50°C/60°C)	Type	Unit LP ₹	Std. pkg. (nos)
200...460	75	134 / 117/ 100	**3RW4055-6BB†4**	**263165.-**	**1**
200...460	90	162 / 145 / 125	**3RW4056-6BB†4**	**325100.-**	**1**
200...460	132	230 / 205 / 180	**3RW4073-6BB†4**	**371530.-**	**1**
200...460	160	280 / 248 / 215	**3RW4074-6BB†4**	**448950.-**	**1**
200...460	200	356 / 315 /280	**3RW4075-6BB†4**	**516005.-**	**1**
200...460	250	432 / 385 / 335	**3RW4076-6BB†4**	**564395.-**	**1**

† Control voltage code: • 115V AC 3 • 230V AC 4

3RW44: for heavy duty applications

Rated operating voltage Ue, in line circuit V AC	Motor rating at 415V, 40°C, normal starting, (in line circuit) kW	Motor rating at 415V, 40°C, normal starting, (in delta circuit) kW	Rated operating current Ie (AC-53a) A (40°C/50°C/60°C)	Type*	Unit LP ₹	Std. pkg. (nos)
200...460	15	22	29 / 26 / 23	**3RW4422-1BC$4**	**149920.-**	**1**
200...460	18.5	30	36 / 32 / 29	**3RW4423-1BC$4**	**176700.-**	**1**
200...460	22	45	47 / 42 / 37	**3RW4424-1BC$4**	**187405.-**	**1**
200...460	30	55	57 / 51 / 45	**3RW4425-1BC$4**	**224870.-**	**1**
200...460	37	75	77 / 68 / 59	**3RW4426-1BC$4**	**267720.-**	**1**
200...460	45	90	98 / 82 / 72	**3RW4427-1BC$4**	**337305.-**	**1**
200...460	55	110	113 / 100 / 88	**3RW4434-6BC$4**	**390855.-**	**1**
200...460	75	132	134 / 117 / 100	**3RW4435-6BC$4**	**428360.-**	**1**
200...460	90	160	162 / 145 / 125	**3RW4436-6BC$4**	**442150.-**	**1**
200...460	110	200	203 / 180 / 156	**3RW4443-6BC$4**	**457085.-**	**1**
200...460	132	250	250 / 215 / 185	**3RW4444-6BC$4**	**496255.-**	**1**
200...460	160	315	313 / 280 /250	**3RW4445-6BC$4**	**535425.-**	**1**
200...460	200	355	356 / 315 / 280	**3RW4446-6BC$4**	**631800.-**	**1**
200...460	250	400	432 / 385 /335	**3RW4447-6BC$4**	**718280.-**	**1**
230...460	315	560	551 / 494 / 438	**3RW4453-6BC$4**	**1034340.-**	**1**
230...460	355	630	615 / 551 / 489	**3RW4454-6BC$4**	**1368975.-**	**1**
230...460	400	710	693 / 615 / 551	**3RW4455-6BC$4**	**1545425.-**	**1**
230...460	450	800	780 / 693 / 615	**3RW4456-6BC$4**	**1703625.-**	**1**
230...460	500	900	880 / 780 / 693	**3RW4457-6BC$4**	**1782720.-**	**1**
230...460	560	1000	970 / 850 / 760	**3RW4458-6BC$4**	**1928735.-**	**1**
230...460	630	1100	1076 / 970 / 880	**3RW4465-6BC$4**	**2226875.-**	**1**
230...460	710	1200	1214 / 1076 / 970	**3RW4466-6BC$4**	**2525015.-**	**1**

$ Control voltage code: • 115V AC 3 • 230V AC 4

– For 3RW44 with operating voltage Ue 400...600V AC Change the last digit of MLFB from "4" to "5" - Price on request.

– For 3RW44 with operating voltage Ue 400...690V AC: Change the last digit of MLFB from "4" to "6" - Price on request.

Accessories for 3RW44

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Profibus communication module	**3RW49000KC00**	**35500.-**	**1**
ProfiNET communication module	**3RW49000NC00**	**61235.-**	**1**
External display and operating module	**3RW49000AC00**	**32255.-**	**1**

Note: Commissioning service is available at extra cost.

The Sirius 3RW30/40/44 soft starters are designed for normal starting conditions.

$J_{load} < 10 \times J_{motor}$

In the event of deviating conditions or higher switching frequency, it may be necessary to choose a larger unit.

Siemens recommends use of selection and simulation program Simulation Tool for Soft Starters (STS).

Description	Type	Unit LP ₹	Std. pkg. (nos.)
PC cable for PC/PG communication - USB connection	**3UF79410AA00-0**	**15090.-**	**1**
– Connection cable for external display module (0.5 mtr - flat)	**3UF79320AA00-0**	**1880.-**	**1**
– Connection cable for external display module (1 mtr - round)	**3UF79370BA00-0**	**4755.-**	**1**
– Connection cable for external display module (2.5 mtr - round)	**3UF79330BA00-0**	**5115.-**	**1**

Refer technical specifications for more details.

For more details, please visit: www.siemens.com/softstarter

Discontinued

Power Contactors - SICOP 3TF

DC Coil	
Auxiliary contacts	Type Pl. fill in coil voltage code
2NO + 2NC $	3TF4602-0D..ZA01
2NO + 2NC $	3TF4702-0D..ZA01
2NO + 2NC $	3TF4702-0D..ZT00
2NO + 2NC $	3TF4772-0D..
2NO + 2NC $	3TF4822-0D..ZA01
2NO + 2NC $	3TF4922-0D..ZA01
2NO + 2NC $	3TF5002-0D..
2NO + 2NC $	3TF5102-0D..
2NO + 2NC $	3TF5202-0D..
2NO + 2NC $	3TF5302-0D..
2NO + 2NC $	3TF5402-0D..
2NO + 2NC $	3TF5502-0D..
2NO + 2NC $	3TF5602-0D..

Spares for SICOP and SICONT Plus Contactors

DC coils

For contactor	Type
3TF46/47/477	3TY7463-0D..
3TF48/49	3TY7483-0D..
3TF50/51	3TY7503-0D..
3TF52/53	3TY7523-0D..
3TF54/55	3TY7543-0D..
3TF56	3TY7563-0D..

Accessory of 3RT2 - Pneumatic delay blocks

Pneumatic delay blocks

for snapping onto the front of size S0 contactors

For Contactor	Function	Auxiliary contacts	Time setting range t Sec	Type
3RT2.2	ON-Delay	1NO + 1NC	0.1 ... 30	3RT2926-2PA01
			1 ... 60	3RT2926-2PA11
	OFF-Delay	1NO + 1NC	0.1 ... 30	3RT2926-2PR01
			1 ... 60	3RT2926-2PR11

3RT1(S3) and Spare Coils

Size	AC-3 operational current le upto 415V A	Motor rating at 415V, 50Hz kW	Auxiliary contacts	AC Coil Type
3RT1 Size S3 Contactor				
S3	65	30	–	3RT1044-1A..08K
	80	37	–	3RT1045-1A..08K
	95	45	–	3RT1046-1A..08K

Magnetic coils for 3RT1 (S3)

Size	AC Coil		
	Contactor type	Rated control supply voltage U_s at 50/60 Hz V AC	Type
S3	3RT10 44	24V	3RT1944-5AC21
		110V	3RT1944-5AG21
		230V	3RT1944-5AL21
		400V	3RT1944-5AV01
	3RT10 45/46 3RT13 4. 3RT14 46 3RT15 4.	24V	3RT1945-5AC21
		110V	3RT1945-5AG21
		230V	3RT1945-5AL21
		400V	3RT1945-5AV01

Contacts with fixing parts

1 set = 3 moving and 6 fixed switching contacts with fixing parts

Size	Contactor type	Type
S3	3RT10 44	3RT1944-6A
	3RT10 45	3RT1945-6A
	3RT10 46	3RT1946-6A

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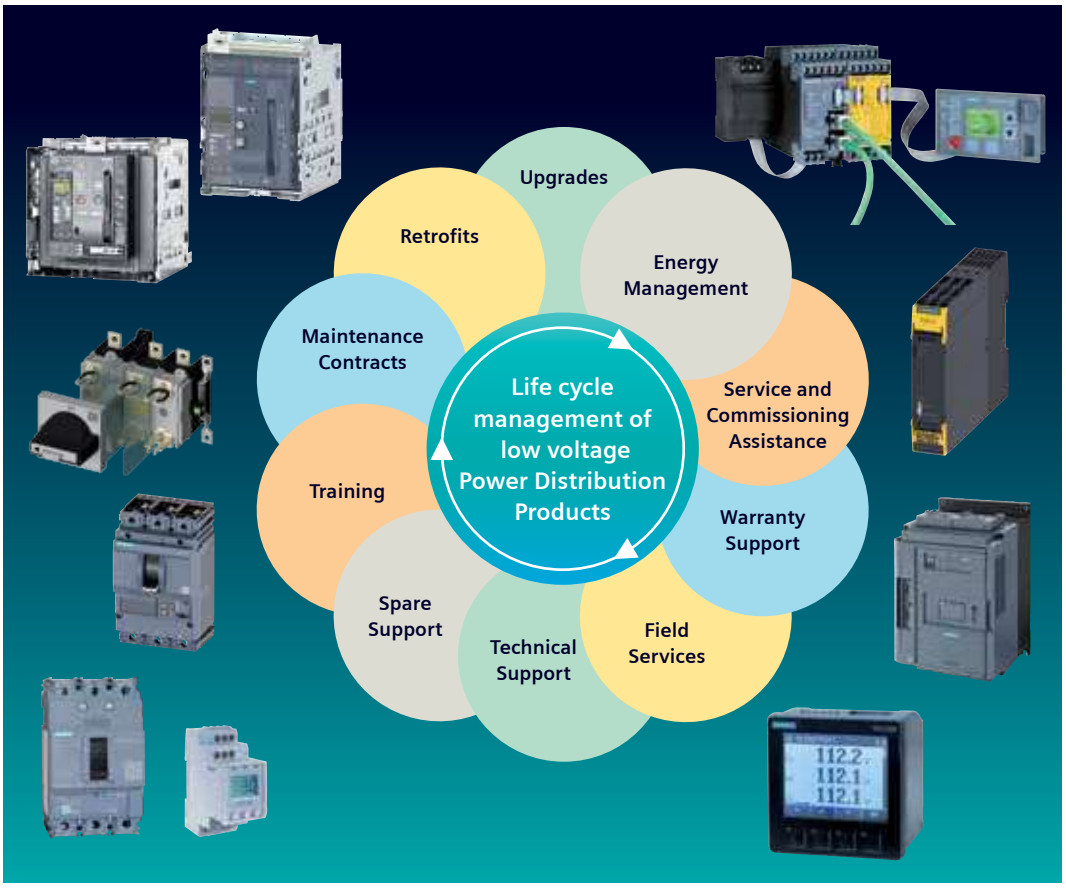

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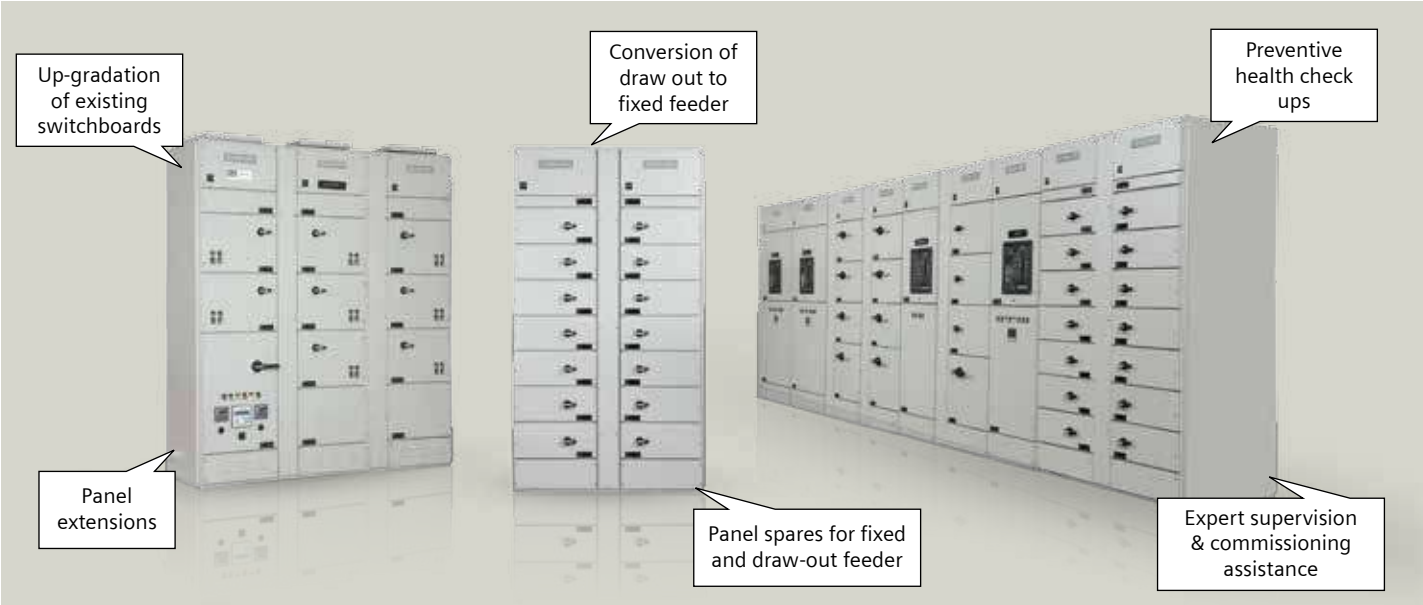

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DIGI-IN4.0	Introduction to Industry 4.0	Online Training	3 Days
AS-PI	Process Instrumentation	Online Training	4 Days
TIA Portal Courses			
AS-OL1500B	SIMATIC S7-1500 with TIA Portal V17 (Basic Course)	Online Training	5 Days
AS-1500B	SIMATIC S7-1500 with TIA V17 (Basic Course)	Siemens Ltd., Kalwa	5 Days
AS-1500A	SIMATIC S7-1500 with TIA V17 (Advance Course)	Siemens Ltd., Kalwa	5 Days
AS-OL1500A	SIMATIC S7-1500 with TIA Portal V17 (Advance Course)	Online Training	5 Days
AS-OL-WINT	SIMATIC WinCC SCADA (WinCC Prof) in the TIA Portal	Online Training	5 Days
AS-TIA150F	SIMATIC Distributed Safety on S7-1500F With TIA Portal **New**	Siemens Ltd., Kalwa	3 Days
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AS-PCS7B	DCS: SIMATIC PCS 7 Basic	Siemens Ltd., Kalwa	10 Days
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DR-S120A	SINAMICS S120 Advance	Siemens Ltd., Kalwa	5 Days
DR-SIMOB	SIMOTION Basic	Siemens Ltd., Kalwa	5 Days
LV-SM	SIMOCODE AC-Motor Control	Siemens Ltd., Kalwa	3 Days
TIA-MC	Basics of Motion Control 1 in TIA Portal ** New**	Siemens Ltd., Kalwa	4 Days

Code	Title	Location	Days
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CO-300WIN	SIMATIC S7-300 and WinCC v7.x	Online Training	6 Days
CO-TIA1215	SIMATIC S7-1200 & S7-1500 with TIA Portal	Online Training	6 Days
CO-TIAS120	SIMATIC S7-1500 PLC & SINAMICS S120	Online Training	6 Days
CO-G12S12	SINAMICS G120 & S120 Drives with STARTER	Online Training	6 Days
Maintenance Focused Course **New**			
MFC-G13S12	SINAMICS G130 & S120	Siemens Ltd., Kalwa	5 Days
MFC-R70R80	DC DRIVE 6RA70 & 6RA80	Siemens Ltd., Kalwa	5 Days
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MFC-S71500	SIMATIC S7-1500 with TIA Portal	Siemens Ltd., Kalwa	3 Days
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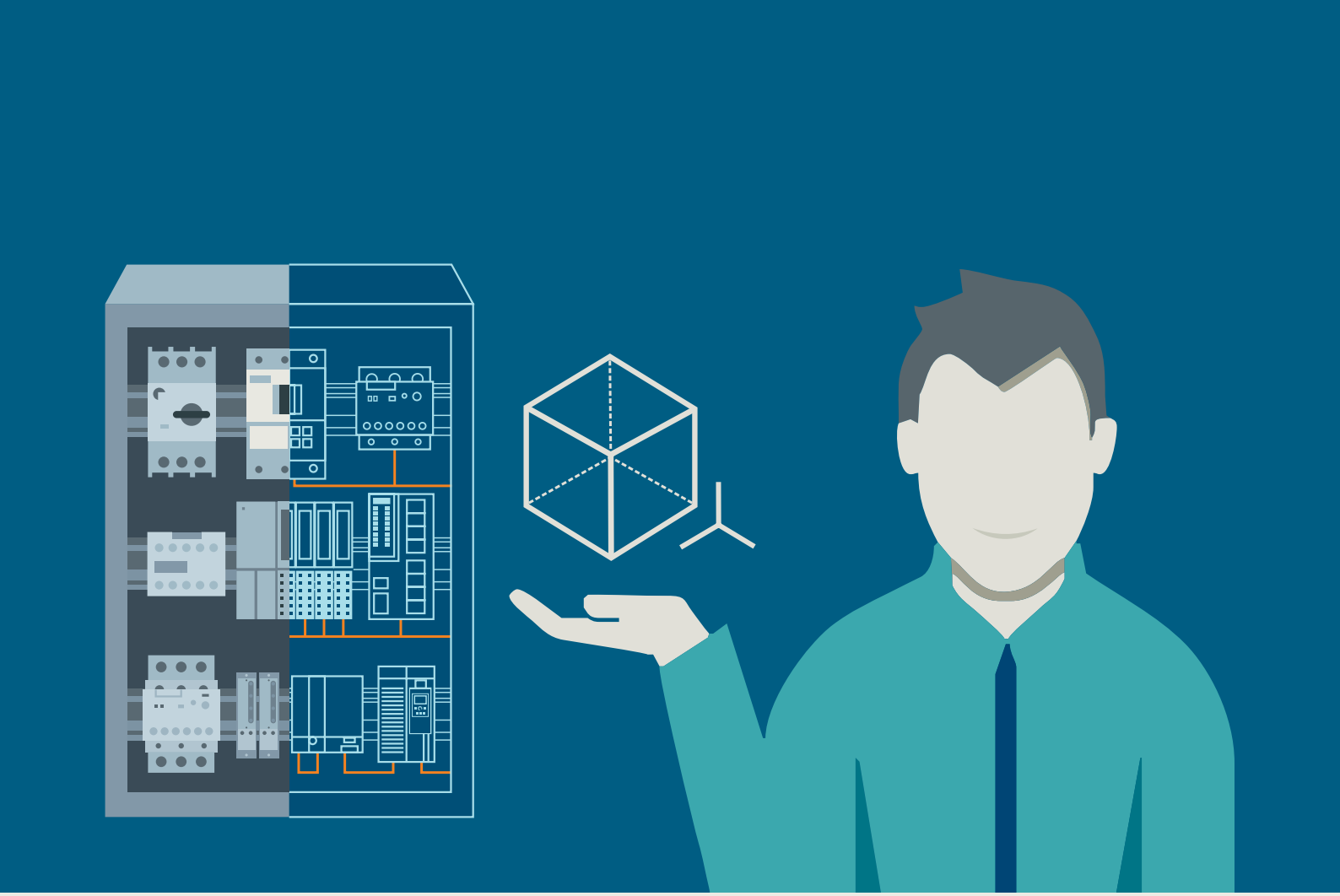

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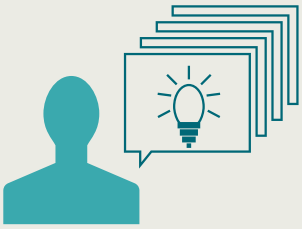

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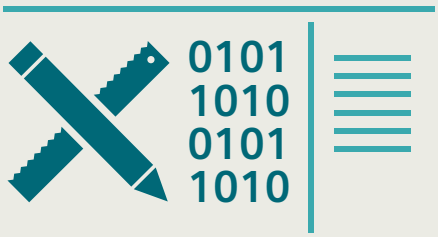

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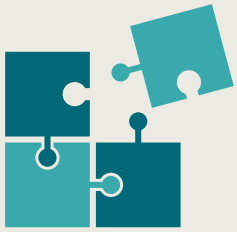

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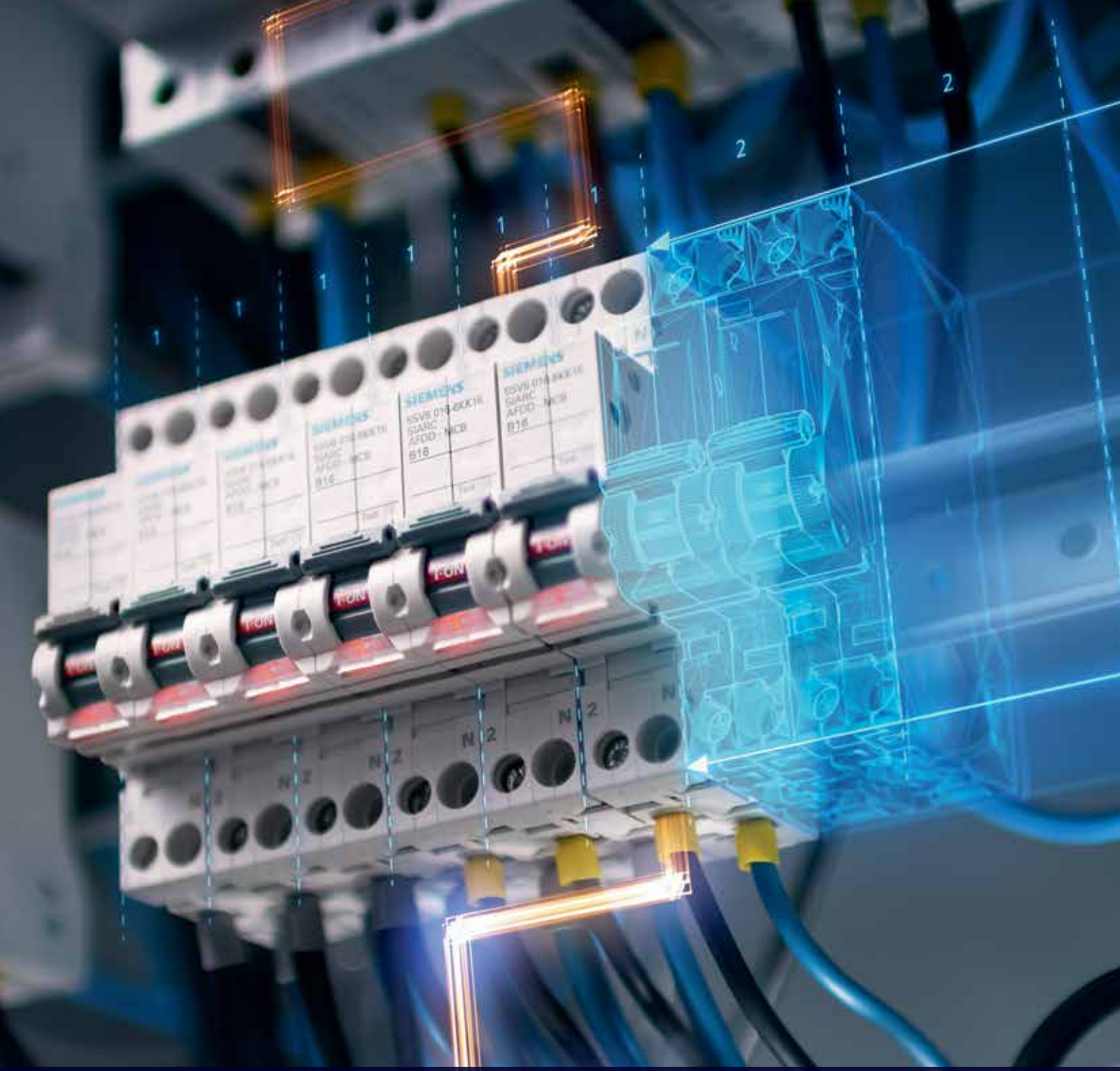

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Betagard 5SL MCBs – Inspiring Safety

Terminal covers for protection

High Breaking capacity (Icn)

High Endurance Cycle

Very low watt loss

Ergonomic Handle for Identification

°F
°C

High ambient temperature

RoHS Compliant

Unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices

BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection

Unique termination mechanism enables firm mounting of Bus bar together with wire; and provides front access to wires for safe installation

Betagard Miniature Circuit Breakers
5SL6, with C Characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz^**
- **With ISI marking: CM/L No. 2255548**

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL61057RC	508.-	1/12
	1		■ 5SL61017RC	508.-	1/12
	2		5SL61027RC	508.-	1/12
	3		5SL61037RC	508.-	1/12
	4		■ 5SL61047RC	508.-	1/12
	6		■ 5SL61067RC	315.-	1/12
	8		5SL61087RC	315.-	1/12
	10		■ 5SL61107RC	315.-	1/12
	13		5SL61137RC	315.-	1/12
	16		■ 5SL61167RC	315.-	1/12
	20		■ 5SL61207RC	315.-	1/12
	25		5SL61257RC	315.-	1/12
	32		5SL61327RC	315.-	1/12
	40		5SL61407RC	693.-	1/12
	50		5SL61507RC	797.-	1/12
	63		5SL61637RC	797.-	1/12
2P, 415V AC	0.5	2	5SL62057RC	1421.-	1/6
	1		5SL62017RC	1421.-	1/6
	2		5SL62027RC	1421.-	1/6
	3		5SL62037RC	1421.-	1/6
	4		5SL62047RC	1421.-	1/6
	6		■ 5SL62067RC	1064.-	1/6
	8		5SL62087RC	1064.-	1/6
	10		■ 5SL62107RC	1064.-	1/6
	13		5SL62137RC	1064.-	1/6
	16		5SL62167RC	1064.-	1/6
	20		■ 5SL62207RC	1064.-	1/6
	25		5SL62257RC	1064.-	1/6
	32		5SL62327RC	1064.-	1/6
	40		5SL62407RC	1493.-	1/6
	50		5SL62507RC	1753.-	1/6
	63		5SL62637RC	1753.-	1/6
3P, 415V AC	0.5	3	5SL63057RC	1996.-	1/4
	1		5SL63017RC	1996.-	1/4
	2		5SL63027RC	1996.-	1/4
	4		5SL63047RC	1996.-	1/4
	6		■ 5SL63067RC	1598.-	1/4
	10		■ 5SL63107RC	1598.-	1/4
	16		■ 5SL63167RC	1598.-	1/4
	20		5SL63207RC	1598.-	1/4
	25		5SL63257RC	1598.-	1/4
	32		■ 5SL63327RC	1598.-	1/4
	40		■ 5SL63407RC	2237.-	1/4
	50		5SL63507RC	2498.-	1/4
	63		■ 5SL63637RC	2498.-	1/4
4P, 415V AC	0.5	4	5SL64057RC	2755.-	1/3
	1		5SL64017RC	2755.-	1/3
	2		5SL64027RC	2755.-	1/3
	4		5SL64047RC	2755.-	1/3
	6		5SL64067RC	2210.-	1/3
	10		5SL64107RC	2210.-	1/3
	16		5SL64167RC	2210.-	1/3
	20		5SL64207RC	2210.-	1/3
	25		5SL64257RC	2210.-	1/3
	32		5SL64327RC	2210.-	1/3
	40		■ 5SL64407RC	2855.-	1/3
	50		5SL64507RC	3306.-	1/3
	63		■ 5SL64637RC	3306.-	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers 5SL6, with B Characteristics

IS/IEC 60898 - 1

CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz**
- **With ISI marking: CM/L No. 2255548**

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	6	1	■ 5SL61066RC	309.-	1/12
	10		5SL61106RC	309.-	1/12
	16		■ 5SL61166RC	309.-	1/12
	20		■ 5SL61206RC	309.-	1/12
	25		5SL61256RC	309.-	1/12
	32		■ 5SL61326RC	309.-	1/12
	40		5SL61406RC	689.-	1/12
	50		5SL61506RC	775.-	1/12
	63		5SL61636RC	775.-	1/12
2P, 415V AC	6	2	5SL62066RC	1052.-	1/6
	10		5SL62106RC	1052.-	1/6
	16		5SL62166RC	1052.-	1/6
	20		5SL62206RC	1052.-	1/6
	25		5SL62256RC	1052.-	1/6
	32		5SL62326RC	1052.-	1/6
	40		5SL62406RC	1480.-	1/6
	50		5SL62506RC	1739.-	1/6
	63		5SL62636RC	1739.-	1/6
3P, 415V AC	6	3	5SL63066RC	1598.-	1/4
	10		5SL63106RC	1598.-	1/4
	16		5SL63166RC	1598.-	1/4
	20		5SL63206RC	1598.-	1/4
	25		5SL63256RC	1598.-	1/4
	32		5SL63326RC	1598.-	1/4
	40		5SL63406RC	2208.-	1/4
	50		5SL63506RC	2476.-	1/4
	63		5SL63636RC	2476.-	1/4
4P, 415V AC	6	4	5SL64066RC	2197.-	1/3
	10		5SL64106RC	2197.-	1/3
	16		5SL64166RC	2197.-	1/3
	20		5SL64206RC	2197.-	1/3
	25		5SL64256RC	2197.-	1/3
	32		5SL64326RC	2197.-	1/3
	40		5SL64406RC	2743.-	1/3
	50		5SL64506RC	3296.-	1/3
	63		5SL64636RC	3296.-	1/3

■ Stock items

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Miniature Circuit Breakers
5SL4, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50...60Hz^**
- **Breaking capacity: 10kA as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC	0.5	1	5SL41057RC	567.-	1/12
	2		■ 5SL41027RC	567.-	1/12
	3		5SL41037RC	567.-	1/12
	4		5SL41047RC	567.-	1/12
	6		■ 5SL41067RC	367.-	1/12
	8		5SL41087RC	367.-	1/12
	10		■ 5SL41107RC	367.-	1/12
	13		5SL41137RC	367.-	1/12
	16		■ 5SL41167RC	367.-	1/12
	20		■ 5SL41207RC	367.-	1/12
	25		5SL41257RC	367.-	1/12
	32		■ 5SL41327RC	367.-	1/12
	40		5SL41407RC	800.-	1/12
	50		5SL41507RC	824.-	1/12
	63		5SL41637RC	824.-	1/12
2P, 415V AC	0.5	2	5SL42057RC	1592.-	1/6
	2		■ 5SL42027RC	1592.-	1/6
	3		5SL42037RC	1592.-	1/6
	4		■ 5SL42047RC	1592.-	1/6
	6		■ 5SL42067RC	1141.-	1/6
	8		5SL42087RC	1141.-	1/6
	10		■ 5SL42107RC	1141.-	1/6
	13		5SL42137RC	1141.-	1/6
	16		■ 5SL42167RC	1141.-	1/6
	20		■ 5SL42207RC	1141.-	1/6
	25		5SL42257RC	1141.-	1/6
	32		5SL42327RC	1141.-	1/6
	40		5SL42407RC	1840.-	1/6
	50		5SL42507RC	1840.-	1/6
	63		5SL42637RC	1840.-	1/6
3P, 415V AC	0.5	3	5SL43057RC	2572.-	1/4
	2		5SL43027RC	2572.-	1/4
	3		5SL43037RC	2572.-	1/4
	4		5SL43047RC	2572.-	1/4
	6		■ 5SL43067RC	1916.-	1/4
	8		5SL43087RC	1916.-	1/4
	10		■ 5SL43107RC	1916.-	1/4
	13		5SL43137RC	1916.-	1/4
	16		■ 5SL43167RC	1916.-	1/4
	20		■ 5SL43207RC	1916.-	1/4
	25		5SL43257RC	1916.-	1/4
	32		■ 5SL43327RC	1916.-	1/4
	40		5SL43407RC	2900.-	1/4
	50		5SL43507RC	2900.-	1/4
	63		■ 5SL43637RC	2900.-	1/4
4P, 415V AC	0.5	4	5SL44057RC	3233.-	1/3
	2		5SL44027RC	3233.-	1/3
	3		5SL44037RC	3233.-	1/3
	4		5SL44047RC	3233.-	1/3
	6		5SL44067RC	2653.-	1/3
	8		5SL44087RC	2653.-	1/3
	10		5SL44107RC	2653.-	1/3
	13		5SL44137RC	2653.-	1/3
	16		5SL44167RC	2653.-	1/3
	20		5SL44207RC	2653.-	1/3
	25		5SL44257RC	2653.-	1/3
	32		■ 5SL44327RC	2653.-	1/3
	40		5SL44407RC	3619.-	1/3
	50		5SL44507RC	3619.-	1/3
	63		■ 5SL44637RC	3619.-	1/3

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

Betagard Miniature Circuit Breakers
5SL7, with C characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2015**
- **Voltage: Un 240/415V, 50....60Hz**
- **Breaking capacity: 15kA[1)] as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC					
	0.5 NEW	1	5SL71057RC	635.-	1/12
	1		5SL71017RC	635.-	1/12
	2		5SL71027RC	625.-	1/12
	4		5SL71047RC	625.-	1/12
	6		5SL71067RC	540.-	1/12
	10		5SL71107RC	540.-	1/12
	16		5SL71167RC	540.-	1/12
	20		5SL71207RC	540.-	1/12
	25		5SL71257RC	540.-	1/12
	32		5SL71327RC	540.-	1/12
	40		5SL71407RC	845.-	1/12
	50		5SL71507RC	855.-	1/12
	63		5SL71637RC	855.-	1/12
2P, 415V AC					
	0.5 NEW	2	5SL72057RC	1790.-	1/6
	1		5SL72017RC	1790.-	1/6
	2		5SL72027RC	1760.-	1/6
	4		5SL72047RC	1760.-	1/6
	6		5SL72067RC	1280.-	1/6
	10		5SL72107RC	1280.-	1/6
	16		5SL72167RC	1280.-	1/6
	20		5SL72207RC	1280.-	1/6
	25		5SL72257RC	1280.-	1/6
	32		5SL72327RC	1280.-	1/6
	40		5SL72407RC	1930.-	1/6
	50		5SL72507RC	1930.-	1/6
	63		5SL72637RC	1930.-	1/6
3P, 415V AC					
	0.5 NEW	3	5SL73057RC	2750.-	1/4
	1		5SL73017RC	2750.-	1/4
	2		5SL73027RC	2700.-	1/4
	4		5SL73047RC	2700.-	1/4
	6		5SL73067RC	2035.-	1/4
	10		5SL73107RC	2035.-	1/4
	16		5SL73167RC	2035.-	1/4
	20		5SL73207RC	2035.-	1/4
	25		5SL73257RC	2035.-	1/4
	32		5SL73327RC	2035.-	1/4
	40		5SL73407RC	3035.-	1/4
	50		5SL73507RC	3035.-	1/4
	63		5SL73637RC	3035.-	1/4
4P, 415V AC					
	0.5 NEW	4	5SL74057RC	3465.-	1/3
	1		5SL74017RC	3465.-	1/3
	2		5SL74027RC	3400.-	1/3
	4		5SL74047RC	3400.-	1/3
	6		5SL74067RC	2725.-	1/3
	10		5SL74107RC	2725.-	1/3
	16		5SL74167RC	2725.-	1/3
	20		5SL74207RC	2725.-	1/3
	25		5SL74257RC	2725.-	1/3
	32		5SL74327RC	2725.-	1/3
	40		5SL74407RC	3820.-	1/3
	50		5SL74507RC	3820.-	1/3
	63		5SL74637RC	3820.-	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 63A - 10kA

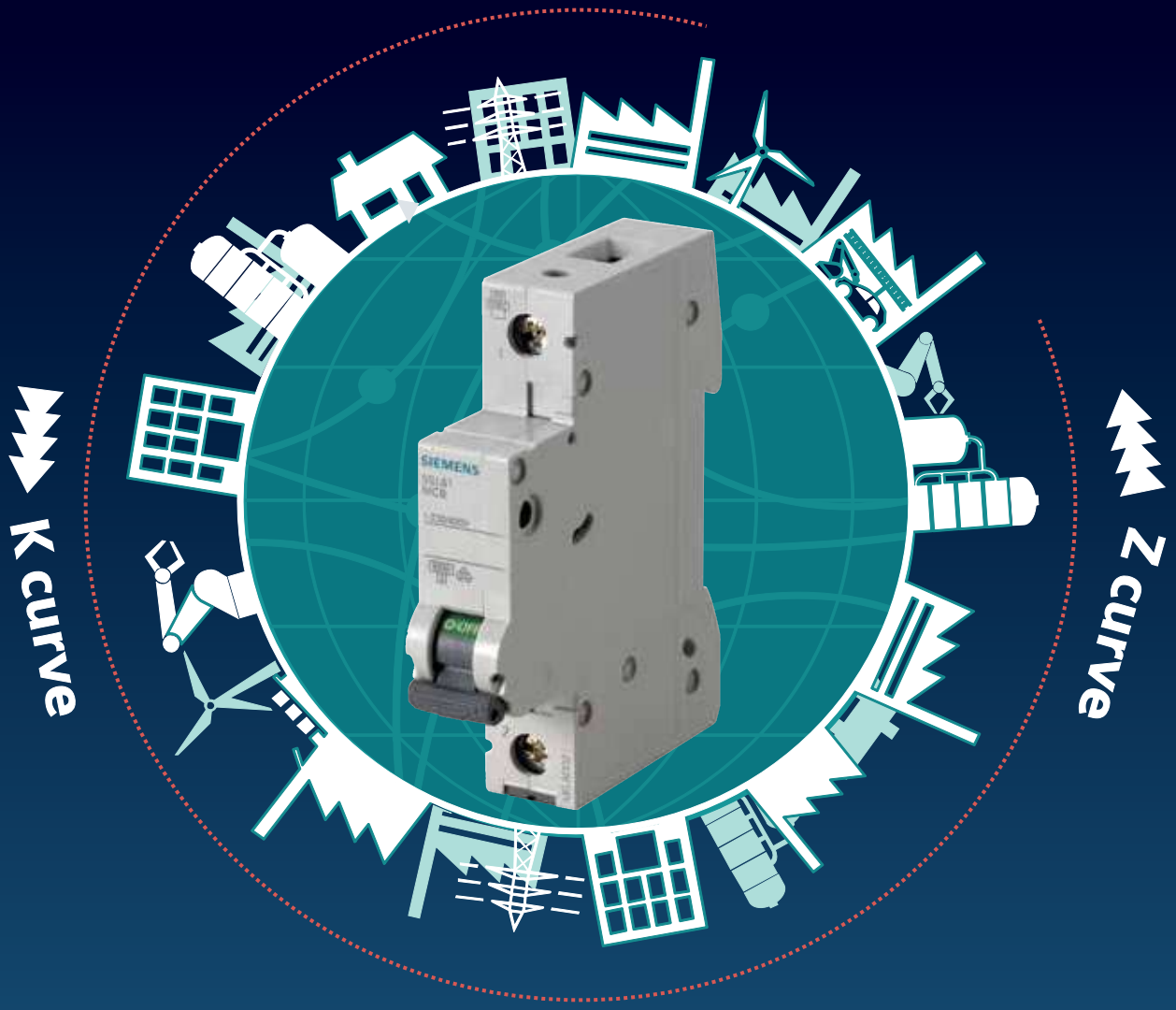
Betagard Miniature Circuit Breakers
5SL7, with D characteristics

IS/IEC 60898 - 1
CM/L No. 2255548

- **Standards: IS/IEC 60898-1**
- **Voltage: Un 240/415V, 50....60Hz**
- **Breaking capacity: 15kA[1)] as per IS/IEC 60898-1**
- **With ISI marking: CM/L No. 2255548**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC					
	0.5 NEW	1	5SL71058RC	645.-	1/12
	1		5SL71018RC	645.-	1/12
	2		5SL71028RC	625.-	1/12
	4		5SL71048RC	625.-	1/12
	6		5SL71068RC	560.-	1/12
	10		5SL71108RC	560.-	1/12
	16		5SL71168RC	560.-	1/12
	20		5SL71208RC	560.-	1/12
	25		5SL71258RC	560.-	1/12
	32		5SL71328RC	560.-	1/12
	40		5SL71408RC	1090.-	1/12
	50		5SL71508RC	1090.-	1/12
	63		5SL71638RC	1090.-	1/12
2P, 415V AC					
	0.5 NEW	2	5SL72058RC	1825.-	1/6
	1		5SL72018RC	1825.-	1/6
	2		5SL72028RC	1760.-	1/6
	4		5SL72048RC	1760.-	1/6
	6		5SL72068RC	1350.-	1/6
	10		5SL72108RC	1350.-	1/6
	16		5SL72168RC	1350.-	1/6
	20		5SL72208RC	1350.-	1/6
	25		5SL72258RC	1350.-	1/6
	32		5SL72328RC	1350.-	1/6
	40		5SL72408RC	2490.-	1/6
	50		5SL72508RC	2490.-	1/6
	63		5SL72638RC	2490.-	1/6
3P, 415V AC					
	0.5 NEW	3	5SL73058RC	2805.-	1/4
	1		5SL73018RC	2805.-	1/4
	2		5SL73028RC	2700.-	1/4
	4		5SL73048RC	2700.-	1/4
	6		5SL73068RC	2140.-	1/4
	10		5SL73108RC	2140.-	1/4
	16		5SL73168RC	2140.-	1/4
	20		5SL73208RC	2140.-	1/4
	25		5SL73258RC	2140.-	1/4
	32		5SL73328RC	2140.-	1/4
	40		5SL73408RC	3885.-	1/4
	50		5SL73508RC	3885.-	1/4
	63		5SL73638RC	3885.-	1/4
4P, 415V AC					
	0.5 NEW	4	5SL74058RC	3585.-	1/3
	1		5SL74018RC	3585.-	1/3
	2		5SL74028RC	3455.-	1/3
	4		5SL74048RC	3455.-	1/3
	6		5SL74068RC	2830.-	1/3
	10		5SL74108RC	2830.-	1/3
	16		5SL74168RC	2830.-	1/3
	20		5SL74208RC	2830.-	1/3
	25		5SL74258RC	2830.-	1/3
	32		5SL74328RC	2830.-	1/3
	40		5SL74408RC	4880.-	1/3
	50		5SL74508RC	4880.-	1/3
	63		5SL74638RC	4880.-	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 40A - 63A: 10kA



5SL Circuit Breaker - K & Z Curve

"K" Characteristic Trip Curve:

MCB trips instantaneously when the current flowing through it reaches between 10 to 14 times the rated current.

Suitable for inductive and motor loads with high inrush currents; etc

"Z" Characteristic Trip Curve:

MCB trips when the current flowing through it reaches between 2 to 3 times the rated current, highly sensitive to short circuit current

Suitable for the protection of highly sensitive devices such as semiconductor devices,

- In compliance with standards IEC 60947-2
- Range available from 2A – 63A
- Comprehensive features & accessories in line with 5SL MCB
- For protection in Industrial, Infrastructure, Process Automation, Commercial applications

www.siemens.co.in

SIEMENS

Betagard Circuit Breakers
5SL7, with K characteristics

NEW

- **Standards: IS/IEC 60947-2**
- **Voltage: Un 240/415V, 50....60Hz**
- **Breaking capacity: 15kA[1)] as per IS/IEC 60947-2**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC					
	2	1	5SL71023RC	560.-	1/12
	4		5SL71043RC	560.-	1/12
	6		5SL71063RC	500.-	1/12
	10		5SL71103RC	495.-	1/12
	16		5SL71163RC	500.-	1/12
	20		5SL71203RC	495.-	1/12
	25		5SL71253RC	500.-	1/12
	32		5SL71323RC	500.-	1/12
	40		5SL71403RC	880.-	1/12
	63		5SL71633RC	1030.-	1/12
2P, 415V AC					
	2	2	5SL72023RC	1685.-	1/6
	4		5SL72043RC	1685.-	1/6
	6		5SL72063RC	1560.-	1/6
	10		5SL72103RC	1530.-	1/6
	16		5SL72163RC	1560.-	1/6
	20		5SL72203RC	1530.-	1/6
	25		5SL72253RC	1560.-	1/6
	32		5SL72323RC	1560.-	1/6
	40		5SL72403RC	1885.-	1/6
	63		5SL72633RC	2170.-	1/6
3P, 415V AC					
	2	3	5SL73023RC	2615.-	1/4
	4		5SL73043RC	2615.-	1/4
	6		5SL73063RC	2395.-	1/4
	10		5SL73103RC	2345.-	1/4
	16		5SL73163RC	2395.-	1/4
	20		5SL73203RC	2345.-	1/4
	25		5SL73253RC	2395.-	1/4
	32		5SL73323RC	2395.-	1/4
	40		5SL73403RC	2665.-	1/4
	63		5SL73633RC	2995.-	1/4
4P, 415V AC					
	2	4	5SL74023RC	3340.-	1/3
	4		5SL74043RC	3340.-	1/3
	6		5SL74063RC	3150.-	1/3
	10		5SL74103RC	3090.-	1/3
	16		5SL74163RC	3150.-	1/3
	20		5SL74203RC	3090.-	1/3
	25		5SL74253RC	3150.-	1/3
	32		5SL74323RC	3150.-	1/3
	40		5SL74403RC	3440.-	1/3
	63		5SL74633RC	3875.-	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
[1)] Breaking capacity 40A - 63A: 10kA

Betagard Circuit Breakers
5SL4, with Z characteristics

NEW

- **Standards: IS/IEC 60947-2**
- **Voltage: Un 240/415V, 50....60Hz**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC					
	2	1	5SL41020RC	764.-	1/12
	4		5SL41040RC	764.-	1/12
	6		5SL41060RC	601.-	1/12
	10		5SL41100RC	601.-	1/12
	16		5SL41160RC	601.-	1/12
	20		5SL41200RC	601.-	1/12
	25		5SL41250RC	601.-	1/12
	32		5SL41320RC	601.-	1/12
	40		5SL41400RC	792.-	1/12
	63		5SL41630RC	792.-	1/12
2P, 415V AC					
	2	2	5SL42020RC	1447.-	1/6
	4		5SL42040RC	1447.-	1/6
	6		5SL42060RC	1365.-	1/6
	10		5SL42100RC	1365.-	1/6
	16		5SL42160RC	1365.-	1/6
	20		5SL42200RC	1365.-	1/6
	25		5SL42250RC	1365.-	1/6
	32		5SL42320RC	1365.-	1/6
	40		5SL42400RC	1583.-	1/6
	63		5SL42630RC	1583.-	1/6
3P, 415V AC					
	2	3	5SL43020RC	2293.-	1/4
	4		5SL43040RC	2293.-	1/4
	6		5SL43060RC	1911.-	1/4
	10		5SL43100RC	1911.-	1/4
	16		5SL43160RC	1911.-	1/4
	20		5SL43200RC	1911.-	1/4
	25		5SL43250RC	1911.-	1/4
	32		5SL43320RC	1911.-	1/4
	40		5SL43400RC	2402.-	1/4
	63		5SL43630RC	2402.-	1/4
4P, 415V AC					
	2	4	5SL44020RC	2484.-	1/3
	4		5SL44040RC	2484.-	1/3
	6		5SL44060RC	2157.-	1/3
	10		5SL44100RC	2157.-	1/3
	16		5SL44160RC	2157.-	1/3
	20		5SL44200RC	2157.-	1/3
	25		5SL44250RC	2157.-	1/3
	32		5SL44320RC	2157.-	1/3
	40		5SL44400RC	2708.-	1/3
	63		5SL44630RC	2708.-	1/3

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SY4, with C characteristics

- **Standards: IEC/EN 60947-2**
- **Voltage: Un 230/400V**
- **Breaking capacity: 10kA as per IEC/EN 60947-2**

C characteristic

10000A		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1Pole	80A	1	5SY41807CC	4465.-	1/1
	2Pole		2	5SY42807CC	8780.-	1/1
	3Pole		3	5SY43807CC	13700.-	1/1
	4Pole		4	5SY44807CC	19630.-	1/1

Betagard Miniature Circuit Breakers
5SP4, with C/D characteristics

IS/IEC 60898 - 1

CM/L No. 2255548

- **Standards: IS/IEC 60898-1:2002**
- **Voltage: Un 240/415V**
- **Breaking capacity: 10kA as per IS/IEC 60898-1:2002**
- **With ISI marking: CM/L No. 2255548**

C characteristic

10000A		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	1-pole	80	1.5	5SP41807RC	3925.-	1/10
		100		5SP41917RC	4140.-	1/10
		125		5SP41927RC	4700.-	1/10
	2-pole	80	3	5SP42807RC	7710.-	1/5
		100		5SP42917RC	8125.-	1/5
		125		5SP42927RC	9195.-	1/5
	3-pole	80	4.5	5SP43807RC	12035.-	1/1
		100		5SP43917RC	12350.-	1/1
		125		5SP43927RC	14155.-	1/1
	4-pole	80	6	5SP44807RC	17260.-	1/1
		100		5SP44917RC	17760.-	1/1
		125		5SP44927RC	20220.-	1/1

D characteristic

	1-pole	80	1.5	5SP41808RC	4325.-	1/10
		100		5SP41918RC	4535.-	1/10
	2-pole	80	3	5SP42808RC	8680.-	1/5
		100		5SP42918RC	9200.-	1/5
	3-pole	80	4.5	5SP43808RC	13370.-	1/1
		100		5SP43918RC	13505.-	1/1
	4-pole	80	6	5SP44808RC	18805.-	1/1
		100		5SP44918RC	19285.-	1/1

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers 5SL5, DC with C Characteristics

- **Standards: IS/IEC 60947-2**
- **Voltage: 220V DC/1P & 440VDC/2P^**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 220V DC	0.5	1	5SL51057RC	950.-	1/12
	1		5SL51017RC	950.-	1/12
	2		5SL51027RC	1020.-	1/12
	3		5SL51037RC	1075.-	1/12
	4		5SL51047RC	1020.-	1/12
	6		5SL51067RC	870.-	1/12
	8		5SL51087RC	920.-	1/12
	10		5SL51107RC	870.-	1/12
	16		5SL51167RC	870.-	1/12
	20		5SL51207RC	870.-	1/12
	25		5SL51257RC	870.-	1/12
	32		5SL51327RC	870.-	1/12
	40		5SL51407RC	1300.-	1/12
	50		5SL51507RC	1300.-	1/12
	63		5SL51637RC	1300.-	1/12
2P, 440V DC	0.5	2	5SL52057RC	2070.-	1/6
	1		5SL52017RC	2070.-	1/6
	2		5SL52027RC	2070.-	1/6
	3		5SL52037RC	2165.-	1/6
	4		5SL52047RC	2070.-	1/6
	6		■ 5SL52067RC	1810.-	1/6
	8		5SL52087RC	1900.-	1/6
	10		■ 5SL52107RC	1810.-	1/6
	16		■ 5SL52167RC	1810.-	1/6
	20		5SL52207RC	1810.-	1/6
	25		5SL52257RC	1810.-	1/6
	32		5SL52327RC	1810.-	1/6
	40		5SL52407RC	2680.-	1/6
	50		5SL52507RC	2680.-	1/6
	63		5SL52637RC	2680.-	1/6

■ Stock items

^ For connection diagram, contact Siemens Sales Office for further details.

• Also available DC Circuit Breakers for Solar applications - contact Siemens sales office for further details.

Betagard Isolators 5TL1

- **Standard: IS/IEC 60947-3**
- **Voltage: 440V AC**

	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
2-pole	40	2	5TL12400	875.-	1/1
	63		5TL12630	1150.-	1/1
	80		5TL12800	1505.-	1/1
	100		5TL12910	1915.-	1/1
	125		5TL12920	1995.-	1/1
3-pole	40	3	5TL13400	1625.-	1/1
	63		5TL13630	1820.-	1/1
	80		5TL13800	2205.-	1/1
	100		5TL13910	2315.-	1/1
	125		5TL13920	2500.-	1/1
4-pole	40	4	5TL14400	1905.-	1/1
	63		5TL14630	2170.-	1/1
	80		5TL14800	2610.-	1/1
	100		5TL14910	3135.-	1/1
	125		5TL14920	3400.-	1/1

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Circuit Breakers
5SL5, 4-pole DC with C Characteristics

NEW

- **Standards: IS/IEC 60947-2**
- **Voltage: 880V DC/4P^**
- **Breaking capacity: 10kA as per IS/IEC 60947-2**

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
4P, 880V DC[1)]	6	4	**5SL54067RC**	**3660.-**	**1/3**
	10		**5SL54107RC**	**3660.-**	**1/3**
	16		**5SL54167RC**	**3660.-**	**1/3**
	25		**5SL54257RC**	**3895.-**	**1/3**
	32		**5SL54327RC**	**3895.-**	**1/3**
	40		**5SL54407RC**	**4580.-**	**1/3**
	63		**5SL54637RC**	**4805.-**	**1/3**

1) Maximum operational voltage 1000V DC

^ For connection diagram, contact Siemens Sales Office for further details.

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Celebrate Life, while we Care.

Betagard 5SV
Residual Current Circuit Breakers

In the event of a fault, residual current protective devices reliably disconnect power to protect humans

Fault protection

"Protection against indirect contact"

Protects people in the event of contact with electrically conductive parts, if a risk exists as a result of a fault due to the magnitude or duration of the touch voltage

Additional protection

"Protection in case of direct contact" with $I_{\Delta n}$ = 30mA

Protects individuals if they come in direct contact with an active live part under normal operating condition

Fire protection

"Protection from insulation faults" with $I_{\Delta n}$ = 300mA

For the prevention of fires which can be caused by insulation faults in locations exposed to fire hazards

Surge current withstand capability

"Protection surge currents" with 8/20µs >1000 Amp

For Type "A" have a surge current capability to avoid nuisance tripping

Betagard Residual Current Circuit Breakers 5SV

IS 12640 Part 1
CM/L No. 7676092

- **Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012**
- **Voltage: 240/415VAC, 50Hz**
- **With ISI marking: CM/L No. 7676092**

Type AC, applicable in networks for AC residual currents

	Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
2 Pole	30	25	2	■ 5SV43120RC	4185.-	1
	100	25		5SV44120RC	4370.-	1
	300	25		5SV46120RC	4515.-	1
	30	40		■ 5SV43140RC	4905.-	1
	100	40		5SV44140RC	5120.-	1
	300	40		5SV46140RC	5315.-	1
	30	63		■ 5SV43160RC	6560.-	1
	100	63		5SV44160RC	6605.-	1
	300	63		5SV46160RC	7025.-	1
	30	80		5SV43170RC	10140.-	1
	100	80		5SV44170RC	10545.-	1
	300	80		5SV46170RC	10545.-	1
4 Pole	30	25	4	■ 5SV43420RC	5605.-	1
	100	25		5SV44420RC	5810.-	1
	300	25		5SV46420RC	6025.-	1
	30	40		■ 5SV43440RC	5670.-	1
	100	40		5SV44440RC	5890.-	1
	300	40		5SV46440RC	6115.-	1
	30	63		■ 5SV43460RC	6605.-	1
	100	63		5SV44460RC	6870.-	1
	300	63		5SV46460RC	7115.-	1
	30	80		5SV43470RC	10140.-	1
	100	80		5SV44470RC	10545.-	1
	300	80		5SV46470RC	10545.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

	Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
2 Pole	30	25	2	5SV33126RC	7650.-	1
	100	25		5SV34126RC	9020.-	1
	300	25		5SV36126RC	9020.-	1
	30	40		5SV33146RC	8680.-	1
	100	40		5SV34146RC	9040.-	1
	300	40		5SV36146RC	9040.-	1
	30	63		5SV33166RC	12620.-	1
	100	63		5SV34166RC	12975.-	1
	300	63		5SV36166RC	12360.-	1
	30	80		5SV33176RC	13575.-	1
	100	80		5SV34176RC	14600.-	1
	300	80		5SV36176RC	13905.-	1
4 Pole	30	25	4	5SV33426RC	9075.-	1
	100	25		5SV34426RC	11200.-	1
	300	25		5SV36426RC	11200.-	1
	30	40		5SV33446RC	10020.-	1
	100	40		5SV34446RC	11200.-	1
	300	40		5SV36446RC	11200.-	1
	30	63		5SV33466RC	11445.-	1
	100	63		5SV34466RC	11370.-	1
	300	63		5SV36466RC	11370.-	1
	30	80		5SV33476RC	13755.-	1
	100	80		5SV34476RC	14600.-	1
	300	80		5SV36476RC	13905.-	1

■ Stock items

Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Residual Current Circuit Breakers 5SM3

IS 12640 Part 1
CM/L No. 7676092

- **Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012**
- **Voltage: 240/415VAC, 50Hz**
- **With ISI marking: CM/L No. 7676092**

Type AC, applicable in networks for AC residual currents

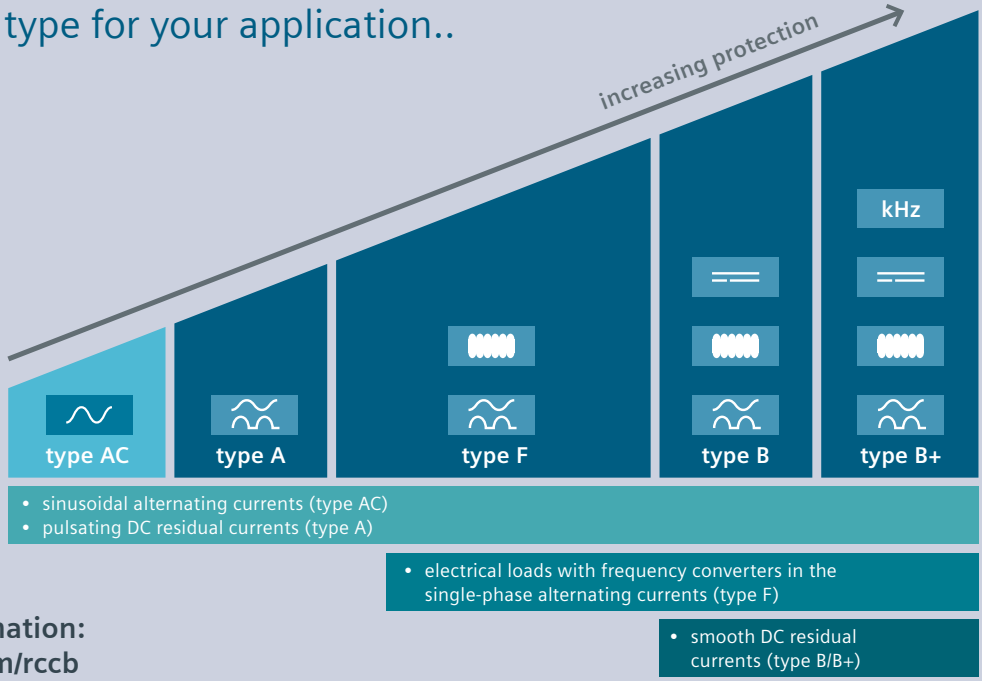
	Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
4 Pole	30	100	4	5SM33480RC	54880.-	1
	100	100		5SM34480RC	48685.-	1
	300	100		5SM36480RC	46160.-	1
	30	125		5SM33450RC	54880.-	1
	100	125		5SM34450RC	48685.-	1
	300	125		5SM36450RC	46160.-	1
	500	125		5SM37450RC	53150.-	1

Type A, applicable in networks with AC and/or pulsating DC residual currents

4 Pole	30	100	4	5SM33486RC	50300.-	1
	100	100		5SM34486RC	48485.-	1
	300	100		5SM36486RC	49265.-	1
	30	125		5SM33456RC	50300.-	1
	100	125		5SM34456RC	48485.-	1
	300	125		5SM36456RC	53745.-	1
	500	125		5SM37456RC	55380.-	1

Note:
* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

The right type for your application..



More information:
siemens.com/rccb

Residual Current Devices

Betagard Residual Current Breaker Operators 5SU1, 10kA

IS 12640 Part 2
CM/L No. 7676193

- **Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012**
- **Voltage: 240/415Vac, 50Hz**
- **With ISI marking: CM/L No. 7676193**

Type AC, with C Characteristics (in 2 module size)$

	Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	240Vac; 50Hz; 2 pole[1)]					
	30	6	2	5SU13541RC06	7245.-	1
	30	10		5SU13541RC10	7245.-	1
	30	16		5SU13541RC16	7245.-	1
	30	20		5SU13541RC20	7245.-	1
	30	25		5SU13541RC25	7245.-	1
	30	32		5SU13541RC32	7605.-	1
	30	40		5SU13541RC40	8990.-	1
	300	6		5SU16541RC06	7375.-	1
	300	10		5SU16541RC10	7375.-	1
	300	16		5SU16541RC16	7375.-	1
	300	20		5SU16541RC20	7375.-	1
	300	25		5SU16541RC25	7375.-	1
	300	32		5SU16541RC32	7755.-	1
	300	40		5SU16541RC40	9170.-	1

Type AC with C characteristic

	240Vac; 50Hz; 2 pole					
	30	32	4	5SU13241RC32	7700.-	1
		40		5SU13241RC40	8970.-	1
		63		5SU13241RC63	10425.-	1
	100	32		5SU14241RC32	8500.-	1
		40		5SU14241RC40	9550.-	1
		63		5SU14241RC63	11135.-	1
	300	32		5SU16241RC32	8585.-	1
		40		5SU16241RC40	9645.-	1
		63		5SU16241RC63	11135.-	1

	415Vac; 50Hz; 4 pole					
	30	32	7	5SU13441RC32	10285.-	1
		40		5SU13441RC40	10470.-	1
		63		5SU13441RC63	12425.-	1
	100	32		5SU14441RC32	10410.-	1
		40		5SU14441RC40	10610.-	1
		63		5SU14441RC63	12195.-	1
	300	32		5SU16441RC32	10495.-	1
		40		5SU16441RC40	10700.-	1
		63		5SU16441RC63	12315.-	1

Type AC with D characteristic

	240Vac; 50Hz; 2 pole					
	30	32	4	5SU13242RC32	9930.-	1
		40		5SU13242RC40	10880.-	1
		63		5SU13242RC63	13115.-	1
	100	32		5SU14242RC32	12020.-	1
		40		5SU14242RC40	13155.-	1
		63		5SU14242RC63	15020.-	1
	300	32		5SU16242RC32	11745.-	1
		40		5SU16242RC40	13155.-	1
		63		5SU16242RC63	15040.-	1

	415Vac; 50Hz; 4 pole					
	30	32	7	5SU13442RC32	13600.-	1
		40		5SU13442RC40	13805.-	1
		63		5SU13442RC63	16375.-	1
	100	32		5SU14442RC32	14720.-	1
		40		5SU14442RC40	15380.-	1
		63		5SU14442RC63	17050.-	1
	300	32		5SU16442RC32	14540.-	1
		40		5SU16442RC40	15530.-	1
		63		5SU16442RC63	16695.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm [1)] 1P+N variant
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

Betagard Residual Current Breaker Operators 5SU1, 10kA

IS 12640 Part 2
CM/L No. 7676193

- **Standards: IS 12640, Part 2:2016/ IEC 61009-1:2012**
- **Voltage: 240/415Vac, 50Hz**
- **With ISI marking: CM/L No. 7676193**

Type A, with C Characteristics (in 2 module size)$

Rated residual current I Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
240Vac; 50Hz; 2 pole[1)]					
30	6	2	5SU13547RC06	13235.-	1
30	10		5SU13547RC10	13235.-	1
30	16		5SU13547RC16	13235.-	1
30	20		5SU13547RC20	13235.-	1
30	25		5SU13547RC25	13235.-	1
30	32		5SU13547RC32	13835.-	1
30	40		5SU13547RC40	16735.-	1
300	6		5SU16547RC06	13625.-	1
300	10		5SU16547RC10	13625.-	1
300	16		5SU16547RC16	13625.-	1
300	20		5SU16547RC20	13625.-	1
300	25		5SU16547RC25	13625.-	1
300	32		5SU16547RC32	14170.-	1
300	40		5SU16547RC40	17085.-	1

Type A with C characteristic

240Vac; 50Hz; 2 pole					
30	32	4	5SU13247RC32	13955.-	1
	40		5SU13247RC40	15350.-	1
	63		5SU13247RC63	17365.-	1
100	32		5SU14247RC32	14890.-	1
	40		5SU14247RC40	16540.-	1
	63		5SU14247RC63	18795.-	1
300	32		5SU16247RC32	14890.-	1
	40		5SU16247RC40	16540.-	1
	63		5SU16247RC63	18795.-	1

415Vac; 50Hz; 4 pole					
30	32	7	5SU13447RC32	17080.-	1
	40		5SU13447RC40	17785.-	1
	63		5SU13447RC63	20345.-	1
100	32		5SU14447RC32	18330.-	1
	40		5SU14447RC40	18675.-	1
	63		5SU14447RC63	20875.-	1
300	32		5SU16447RC32	18330.-	1
	40		5SU16447RC40	18995.-	1
	63		5SU16447RC63	21200.-	1

Type A with D characteristic

240Vac; 50Hz; 2 pole					
30	32	4	5SU13248RC32	16280.-	1
	40		5SU13248RC40	18375.-	1
	63		5SU13248RC63	20905.-	1
100	32		5SU14248RC32	17515.-	1
	40		5SU14248RC40	19480.-	1
	63		5SU14248RC63	22195.-	1
300	32		5SU16248RC32	17515.-	1
	40		5SU16248RC40	19480.-	1
	63		5SU16248RC63	22195.-	1

415Vac; 50Hz; 4 pole					
30	32	7	5SU13448RC32	20155.-	1
	40		5SU13448RC40	20405.-	1
	63		5SU13448RC63	24070.-	1
100	32		5SU14448RC32	21230.-	1
	40		5SU14448RC40	22685.-	1
	63		5SU14448RC63	24700.-	1
300	32		5SU16448RC32	21230.-	1
	40		5SU16448RC40	22685.-	1
	63		5SU16448RC63	24705.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm [1)] 1P+N variant
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
$ For connecting accessories with 2P 2M RCBO add handle connector 5ST38051

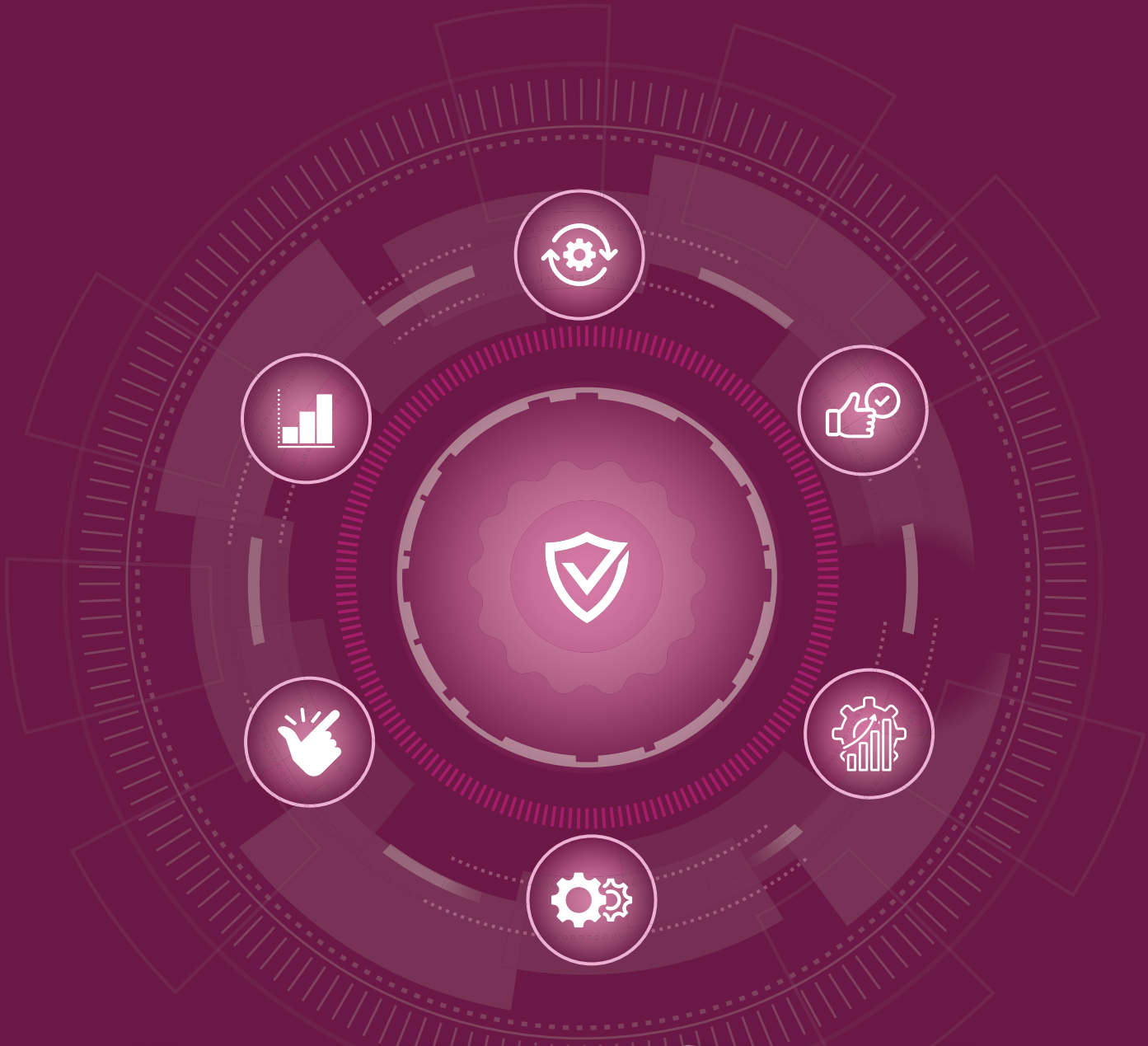
Accessories for 5SL / 5SY / 5SP MCBs, 5TL isolators, 5SV/5SM RCCBs and 5SU1 RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1)			
	1NO+1NC	5ST3010	1575.-	12
	2NO	5ST3011	1605.-	1
	2NC	5ST3012	1605.-	1
	1CO	5ST3016	2545.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1)			
	1NO+1NC	5ST3020	2310.-	1
	2NO	5ST3021	2355.-	1
	2NC	5ST3022	2355.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	110...415V AC	5ST3030	6490.-	1/5
	24...48V DC	5ST3031	6490.-	1/5
	Auxiliary and fault signal changeover contact (For 5SL/5SY/5SP4/5TL/5SV/5SU1) Auxiliary switch - 1CO Fault contact - 1CO	5ST3062	7485.-	1
	Auxiliary contact block for 5SM3 100-125A 4pole			
	1NO+1NC	5SW3330	14540.-	1/10
	Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	With integrated aux. switch			
	230V AC	5ST3040	8710.-	1/5
	110V DC	5ST3041	8710.-	1/5
	24V DC	5ST3042	8710.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043	8710.-	1/5
	110V DC	5ST3044	8710.-	1/5
	24V DC	5ST3045	8710.-	1/5
	Remote control mechanism unit			
	Basic version for 5SL,5SY,5TL1 and 5SU1 (1P+N only)			
	(12-30)VAC & (12-48)VDC, 1.5MW	5ST3053	38860.-	1
	230VAC, 2MW	5ST3054	38860.-	1
	Power version for 5SL,5SY,5TL1 and 5SU1			
	(12-30)VAC & (12-48)VDC, 2MW	5ST3055	65755.-	1
	230VAC, 2MW	5ST3056	65755.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P	5ST38206	820.-	1
	For 5SL - 3P & 4P	5ST38207	820.-	1
	For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M	5ST38201	820.-	1
	For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M	5ST38202	820.-	1
	For 5SU1 - 2P, 2M	5ST38205	820.-	1
	^ Add-on block for 5SU1 to be ordered along with Adapter	5ST38203	1785.-	1
	Handle locking device			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	805.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	765.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	520.-	5
	Handle connector for 2P, 2M 5SU1 RCBO$ (1set = 5 units in poly bag)	5ST38051	1610.-	1

Betagard Rotary Handle Assembly

	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators $$	5ST38140RC	2890.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm
$ For 2P, 2M RCBOs, the accessories can be used along with Handle connector only $$ Not suitable for 1P variants
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details



ACCL

MCB

RCCB

Switch Disconnector

SINOVA

Simply Efficient

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SIEMENS

thanks to

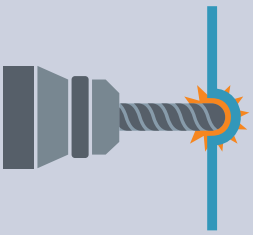
SIARC

technology

World's smallest AFDD

First arc fault detection device (AFDD) in the IEC market (2012) for preventive fire protection
First AFDD with integrated MCB in 1 modular width (MW)

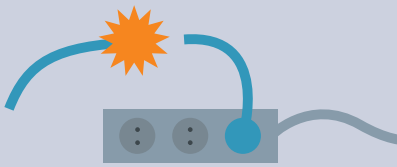
Thanks to innovative SIARC technology, the AFDD is the only protection device that detects parallel as well as serial arcing faults. Common causes are, among others:



damaged wire insulation

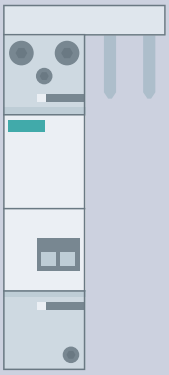
crushed cables

rodent damage



broken cables

#1 Be the first to play it safe with the 5SV6 AFDD

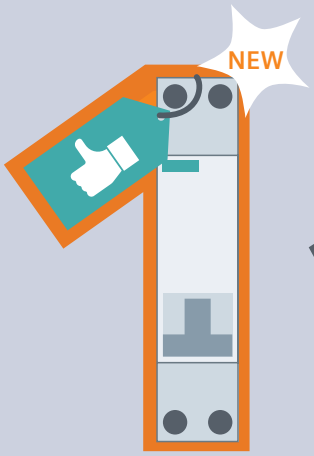


Arc fault detection unit

+

Miniature circuit breaker

=

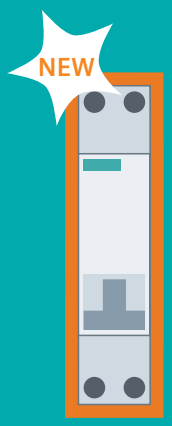


5SV6 AFDD

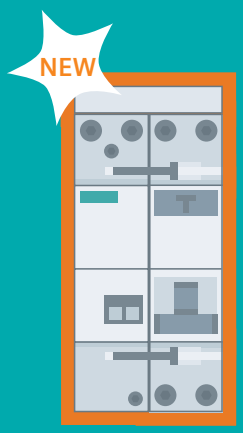
1 MW

AFDDs are strongly recommended!

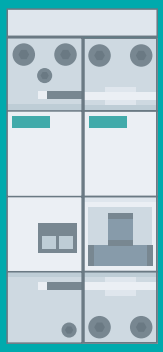
Comprehensive portfolio for preventive fire protection



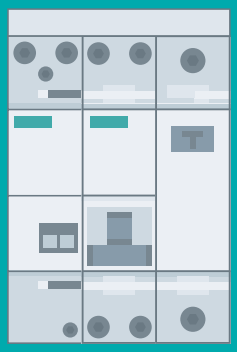
5SV6 AFDD
+ integrated MCB = 1 MW



5SM6 AFD unit
+ 5SV1 RCBO = 2 MW



5SM6 AFD unit
+ 5SY60 MCB = 2 MW



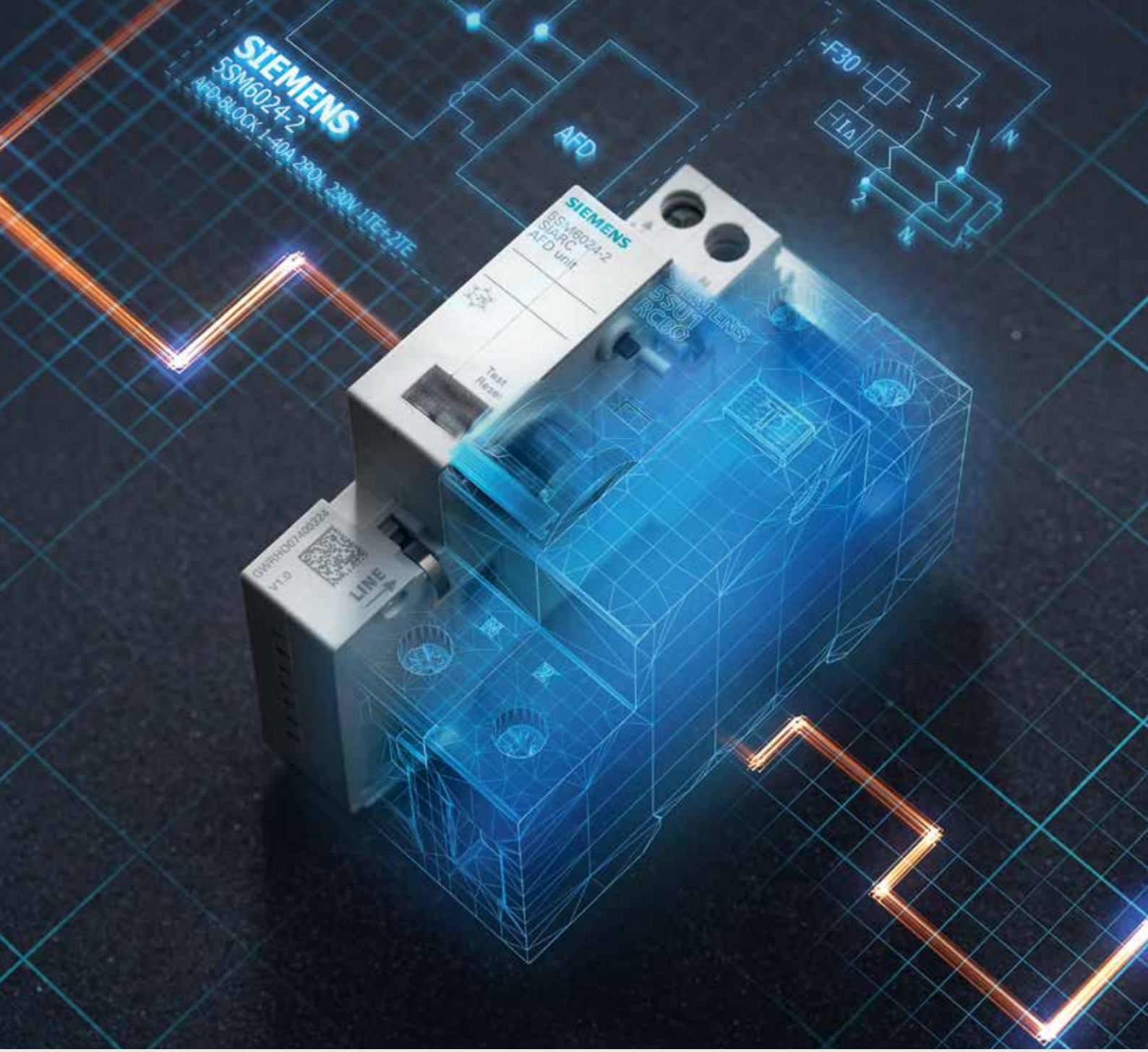
5SM6 AFD unit
+ 5SU1 RCBO = 3 MW

More information available at siemens.com/afdd

It’s Time to Act Now!

Preventive, Proven, Standard compliant

siemens.com/protection-concept



Arc Fault Detection Device

It's Time to Act Now!

With the 5SV6 Arc Fault Detection Device (AFDD), Siemens presents the third generation of fire-prevention product. The 5SV6 Arc Fault Detection Device with integrated miniature circuit breaker (MCB) is the first device on the IEC market with just one module width and is the smallest of its kind worldwide.

A standard-compliant expansion of the electrical installation by protection against electrical fires is thus always possible – easily and without the need for additional space.

www.siemens.com/afd-units

SIEMENS

NEW

The smart solution.

Whether in an existing plant or a new installation – the 5SV6 AFDD and 5SM6 AFD unit can be deployed in any distribution board. It quickly identifies dangerous faults caused by parallel or serial arcing faults and switches off before a fire occurs. The AFDD detects operational arcing faults and only trips in the event of an actual fault.

55V6 AFDDs with Integrated MCB & RCBO in 18mm width

Rating	With integrated MCB		With integrated RCBO	Unit LP* ₹
	B characteristic	C characteristic	30mA, Type A, C characteristic	
6A	5SV60166KK06	5SV60167KK06	5SV63167KK06	Price on Request
10A	5SV60166KK10	5SV60167KK10	5SV63167KK10	
13A	5SV60166KK13	5SV60167KK13	5SV63167KK13	
16A	5SV60166KK16	5SV60167KK16	5SV63167KK16	
20A	5SV60166KK20	5SV60167KK20	5SV63167KK20	
25A	5SV60166KK25	5SV60167KK25	5SV63167KK25	
32A	5SV60166KK32	5SV60167KK32	5SV63167KK32	
40A	5SV60166KK40	5SV60167KK40	5SV63167KK40	

5SM6 AFDD with integrated MCB

Rating	Module width	Reference No.	Description	Unit LP* ₹
16A	2	5SM60111XX02	AFDD 16A, 230V, 2MW (Integrated with 1MW, 1+N, 16A MCB)	Price on Request

5SM6 AFD units (Suitable for add on with RCBO)

Rating	Module width	Reference No.	Description	Unit LP* ₹
16A	3	5SM60212	AFD Unit 1-16A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	Price on Request
40A	3	5SM60242	AFD Unit 1-40A, 230V, 1MW (Suitable for 2P 2M, 5SU1 RCBO)	

* LP - List Price

Betagard 8GB Distribution Boards

Perfect blend of beauty and features with assured performance

- Complete range for Residential, Commercial and Industrial Infrastructures
- DBs offer latest design with highest aesthetic appeal
- DBs available with type testing as per the latest applicable standards
- User friendly design offers ease during maintenance and assists the installer for correct installation

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Betagard Distribution Boards
8GB32 # SPN and TPN DBs

- Type Tested as per IEC 61439 Standards at third party and internal test laboratories
- Available in IP 20 and IP 43 Versions
- Single Door, Metal Double Door and Acrylic Double Door options available
- Standard Wire Way Boxes available for all Single Door and Double Door DBs
- Additional safety with Insulated Shorting Links, Shrouded Neutral Links and Door Earthing
- TPN DBs can be easily made suitable for PPI configuration using TPN to PPI Conversion Kits
- Detachable DIN rail assembly and intermittent door facilitates ease in Wiring during installation and maintenance
- DBs are subjected to Seven tank process and treated with premium quality powder coating
- Cement Masking Sheet protects the DBs against extreme site conditions

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Metal Enclosures, IP20:							
	1 Module	–	–	1	8GB32100RC01	870.-	1/20
	2 Module	–	–	2	8GB32100RC02	1295.-	1/20
	3 Module	–	–	3	8GB32100RC03	1295.-	1/20
	4 Module	–	–	4	8GB32100RC04	1295.-	1/20
	6 Module	–	–	6	8GB32100RC06	1710.-	1/20
	8 Module	–	–	8	8GB32100RC08	2015.-	1/10
SPN Single Door DBs#, IP20:							
	6 Module	2	4	6	8GB32101RC06	2560.-	1
	8 Module	2	6	8	8GB32101RC08	2720.-	1
	10 Module	2	8	10	8GB32101RC10	3275.-	1
	12 Module	2	10	12	8GB32101RC12	3390.-	1
	14 Module	2	12	14	8GB32101RC14	3835.-	1
	16 Module	2	14	16	8GB32101RC16	4135.-	1
SPN Metal Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32102RC06	4000.-	1
	8 Module	2	6	8	8GB32102RC08	4150.-	1
	10 Module	2	8	10	8GB32102RC10	4835.-	1
	12 Module	2	10	12	8GB32102RC12	4960.-	1
	14 Module	2	12	14	8GB32102RC14	5785.-	1
	16 Module	2	14	16	8GB32102RC16	5930.-	1
SPN Acrylic Double Door DBs#, IP 43:							
	6 Module	2	4	6	8GB32103RC06	4700.-	1
	8 Module	2	6	8	8GB32103RC08	4960.-	1
	10 Module	2	8	10	8GB32103RC10	5785.-	1
	12 Module	2	10	12	8GB32103RC12	6210.-	1
	14 Module	2	12	14	8GB32103RC14	6480.-	1
	16 Module	2	14	16	8GB32103RC16	6755.-	1
Wire Way Box For SPN Single Door IP 20 DBs:							
	For 6 MOD SPN Single door DB	–	–	–	8GB32106RC06	1685.-	1/5
	For 8 MOD SPN Single door DB	–	–	–	8GB32106RC08	1685.-	1/5
	For 10 MOD SPN Single door DB	–	–	–	8GB32106RC10	1820.-	1/5
	For 12 MOD SPN Single door DB	–	–	–	8GB32106RC12	1820.-	1/5
	For 14 MOD SPN Single door DB	–	–	–	8GB32106RC14	2095.-	1/5
	For 16 MOD SPN Single door DB	–	–	–	8GB32106RC16	2095.-	1/5
Wire Way Box For SPN Double Door IP 43 DBs:							
	For 6 MOD SPN Double door DB	–	–	–	8GB32107RC06	1820.-	1/5
	For 8 MOD SPN Double door DB	–	–	–	8GB32107RC08	1820.-	1/5
	For 10 MOD SPN Double door DB	–	–	–	8GB32107RC10	1970.-	1/5
	For 12 MOD SPN Double door DB	–	–	–	8GB32107RC12	1970.-	1/5
	For 14 MOD SPN Double door DB	–	–	–	8GB32107RC14	2510.-	1/5
	For 16 MOD SPN Double door DB	–	–	–	8GB32107RC16	2510.-	1/5

Note: * MRP - Maximum Retail Price # Also available in flat door option
For Customized Solutions in Distribution Boards please Contact our sales Office
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Distribution Boards
8GB32 # SPN and TPN DBs

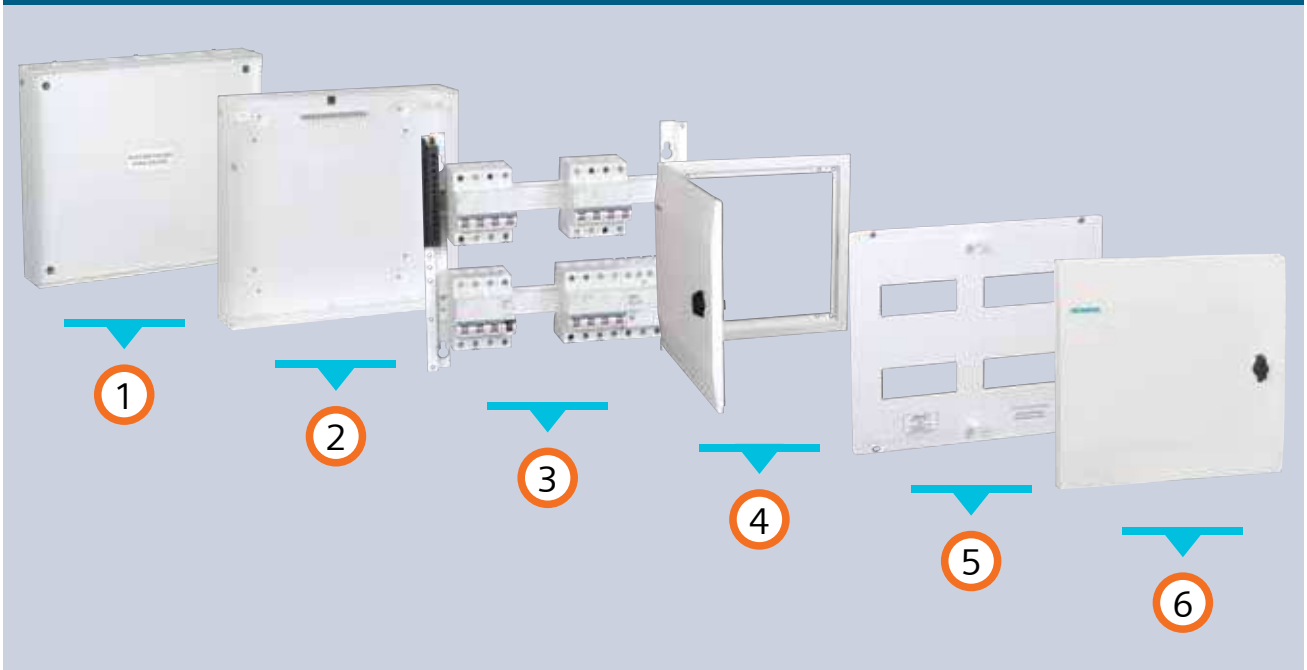
	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Single Door DBs#, IP20:							
	4 way	8	12	20	8GB32201RC04	6440.-	1
	6 way	8	18	26	8GB32201RC06	7310.-	1
	8 way	8	24	32	8GB32201RC08	8825.-	1
	10 way	8	30	38	8GB32201RC10	12800.-	1
	12 way	8	36	44	8GB32201RC12	13070.-	1
	14 way	8	42	50	8GB32201RC14	14990.-	1
	16 way	8	48	56	8GB32201RC16	15550.-	1
TPN Metal Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32202RC04	7860.-	1
	6 way	8	18	26	8GB32202RC06	9505.-	1
	8 way	8	24	32	8GB32202RC08	11425.-	1
	10 way	8	30	38	8GB32202RC10	16505.-	1
	12 way	8	36	44	8GB32202RC12	16915.-	1
	14 way	8	42	50	8GB32202RC14	20075.-	1
	16 way	8	48	56	8GB32202RC16	20645.-	1
TPN Acrylic Double Door DBs#, IP 43							
	4 way	8	12	20	8GB32203RC04	9505.-	1
	6 way	8	18	26	8GB32203RC06	11700.-	1
	8 way	8	24	32	8GB32203RC08	14035.-	1
	10 way	8	30	38	8GB32203RC10	18305.-	1
	12 way	8	36	44	8GB32203RC12	21305.-	1
	14 way	8	42	50	8GB32203RC14	22825.-	1
	16 way	8	48	56	8GB32203RC16	24355.-	1
TPN to PPI Conversion Kit@							
	To convert 6 way TPN DB to 4 way TPN PPI DB				8GB32205RC04	4960.-	1/5
	To convert 8 way TPN DB to 6 way TPN PPI DB				8GB32205RC06	5785.-	1/5
	To convert 10 way TPN DB to 8 way TPN PPI DB				8GB32205RC08	5930.-	1/5
	To convert 12 way TPN DB to 10 way TPN PPI DB				8GB32205RC10	6335.-	1/5
	To convert 14 way TPN DB to 12 way TPN PPI DB				8GB32205RC12	6755.-	1/5
	To convert 16 way TPN DB to 14 way TPN PPI DB				8GB32205RC14	7150.-	1/5
Wire Way Box For TPN Single Door IP 20 DBs							
	For 4 Way TPN Single door DB	–	–	–	8GB32206RC04	2095.-	1/5
	For 6 Way TPN Single door DB	–	–	–	8GB32206RC06	2095.-	1/5
	For 8 Way TPN Single door DB	–	–	–	8GB32206RC08	3740.-	1/5
	For 10 Way TPN Single door DB	–	–	–	8GB32206RC10	4700.-	1/5
	For 12 Way TPN Single door DB	–	–	–	8GB32206RC12	4835.-	1/5
	For 14 Way TPN Single door DB	–	–	–	8GB32206RC14	4960.-	1/5
	For 16 Way TPN Single door DB	–	–	–	8GB32206RC16	5255.-	1/5
Wire Way Box For TPN Double Door IP 43 DBs							
	For 4 Way TPN Double door DB	–	–	–	8GB32207RC04	2225.-	1/5
	For 6 Way TPN Double door DB	–	–	–	8GB32207RC06	2510.-	1/5
	For 8 Way TPN Double door DB	–	–	–	8GB32207RC08	4000.-	1/5
	For 10 Way TPN Double door DB	–	–	–	8GB32207RC10	4285.-	1/5
	For 12 Way TPN Double door DB	–	–	–	8GB32207RC12	5255.-	1/5
	For 14 Way TPN Double door DB	–	–	–	8GB32207RC14	5520.-	1/5
	For 16 Way TPN Double door DB	–	–	–	8GB32207RC16	5675.-	1/5

Note: * MRP - Maximum Retail Price
@ Contains required accessories to Make the DB suitable for PPI Configuration
For Customized Solutions in Distribution Boards please Contact our sales Office
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details
# Also available in flat door option

Betagard Distribution Boards
8GB32 TPN Phase Segregated DBs

	Item Description	Incoming Slots (MW)	Sub - Incomer Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
TPN Phase segregated DBs, IP 20 For MCB as incomer								
	4 Way	12	12	12	36	8GB32001RC04	17730.-	1
	6 Way	12	12	18	42	8GB32001RC06	19940.-	1
	8 Way	12	12	24	48	8GB32001RC08	23275.-	1
	12 Way	12	12	36	60	8GB32001RC12	27710.-	1
TPN Phase segregated DBs, (8 segment) IP 43 For MCB as incomer								
	4 way	12	12	12	36	8GB32002RC04	21055.-	1
	6 way	12	12	18	42	8GB32002RC06	24380.-	1
	8 way	12	12	24	48	8GB32002RC08	27710.-	1
	12 way	12	12	36	60	8GB32002RC12	33245.-	1
TPN Phase segregated DBs, IP 43 for MCCB as incomer upto 160A								
	6 way		12	18	30	8GB32012RC06	37660.-	1
	8 way		12	24	36	8GB32012RC08	43210.-	1
	12 way		12	36	48	8GB32012RC12	48750.-	1
Wire Way box for MCB Incomer, IP 43 DBs								
	For 4 Way	–	–	–	–	8GB32007RC04	5530.-	1
	For 6 Way	–	–	–	–	8GB32007RC06	6640.-	1
	For 8 Way	–	–	–	–	8GB32007RC08	7745.-	1
	For 12 Way	–	–	–	–	8GB32007RC12	8850.-	1
Wire Way box for MCCB Incomer, IP 43 DBs								
	For 6 Way	–	–	–	–	8GB32017RC06	6640.-	1
	For 8 Way	–	–	–	–	8GB32017RC08	7745.-	1
	For 12 Way	–	–	–	–	8GB32017RC12	8850.-	1

Betagard Distribution Board 8GB



1 U-box with Cement Masking sheet
2 U-box with Earth links
3 Detachable Din-rail channel with Shrouded Neutral link
4 Door frame with Door
5 Detachable Intermittent Plate
6 Door with Quarter Turn Knob

Note: * MRP - Maximum Retail Price
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Industrial plug & sockets

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plug & Socket, IP20 with provision for MCB mounting :					
	1 Phase 20A, 1P MCB	1	8GB0501RC	2875.-	1/20
	1 Phase 20A, 2P MCB	2	8GB0501SRC	2875.-	1/20
	3 Phase 32A, 3P MCB	3	8GB0502	6090.-	1/15
	3 Phase 32A, 3P+N MCB	4	8GB0502S	6090.-	1/15
	5 Pin (3P+N+PE) 3Phase 32A MCB 3P+N MCB	8	8GB050332	9620.-	1/5
	5 Pin (3P+N+PE) 3Phase 63A MCB 3P+N MCB	8	8GB050363	25060.-	1/5

Simbox WP

	Item Description	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Simbox WP (IP65 DBs)					
	1 Row, 4Mod	4	8GB13710	8650.-	1
	1 Row 8Mod	8	8GB13711	10990.-	1
	1 Row 12Mod	12	8GB13712	19620.-	1
	1 Row 18Mod	18	8GB13713	25410.-	1
	2 Row 2 x 12Mod	24	8GB13722	31370.-	1
	2 Row, 2 x 18Mod	36	8GB13723	44230.-	1
	3 Row, 3 x 18Mod	54	8GB13733	77785.-	1
	4 Row 4 x 18Mod	72	8GB13743	101915.-	1
Accessories for Simbox WP					
	Coupling covers,12M		8GB20510	2830.-	1
	Coupling covers,18M		8GB20511	3175.-	1
	Insulated N/PE terminals, 8MW		8GB20520	4410.-	1
	Insulated N/PE terminals, 12MW		8GB20521	6745.-	1
	Insulated N/PE terminals, 18MW		8GB20522	9910.-	1
	Cylindrical security lock		8GB20550	8045.-	1

Note: * MRP - Maximum Retail Price
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** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Betagard Distribution Boards
Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1 MW	8GB9901	110.-	25
Insulated Shorting Links				
Single Phase Shorting Links for Shorting 1P MCBs				
	For SPN and TPN PPI DB			
	5 Leg SP Shorting Link	8GB9905LSP	335.-	10
	7 Leg SP Shorting Link	8GB9907LSP	395.-	10
	9 Leg SP Shorting Link	8GB9909LSP	460.-	10
	11 Leg SP Shorting Link	8GB9911LSP	485.-	10
	13 Leg SP Shorting Link	8GB9913LSP	650.-	10
	15 Leg SP Shorting Link	8GB9915LSP	790.-	10
	17 Leg SP Shorting Link	8GB9917LSP	830.-	10
	For TPN DB			
	4 Leg SP Shorting Link	8GB9904LSP	335.-	10
	6 Leg SP Shorting Link	8GB9906LSP	395.-	10
	8 Leg SP Shorting Link	8GB9908LSP	460.-	10
	10 Leg SP Shorting Link	8GB9910LSP	485.-	10
	12 Leg SP Shorting Link	8GB9912LSP	650.-	10
	14 Leg SP Shorting Link	8GB9914LSP	790.-	10
	16 Leg SP Shorting Link	8GB9916LSP	830.-	10
Two Phase, 1 meter long for shorting 2P MCBs (suitable for maximum of 28 nos. 2MW devices)				
	Shorting link without End caps, Can be cut and used.	8GB990SLLDP	8200.-	1
	End Caps for 2 pole Shorting Links	8GB990ECLDP	140.-	10
Three Phase, 1 meter long for shorting 3P MCBs (suitable for maximum of 19 nos. 3MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTP	8970.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTP	200.-	10
Three Phase + N, 1 meter long for shorting TPN MCBs (suitable for maximum of 14 nos. 4MW devices)				
	Shorting link without Enc caps, Can be cut and used.	8GB990SLLTPN	9480.-	1
	End Caps for 3 pole Shorting Links	8GB990ECLTPN	250.-	10
Neutral Terminals				
Neutral Terminals For 8GB0 and 8GB31 DBs (Along with Mounting Stands)				
	5 Way Neutral Link	8GB9905NL	360.-	10
	11 Way Neutral Link	8GB9911NL	535.-	10
	13 Way Neutral Link	8GB9913NL	610.-	10
	15 Way Neutral Link	8GB9915NL	685.-	10
Neutral Terminals For 8GB32 DBs (With Terminal Shroud and Cover)				
	Neutral Terminal 5 Holes	8GB9905NPE	395.-	10
	Neutral Terminal 11 Holes	8GB9911NPE	545.-	10
	Neutral Terminal 13 Holes	8GB9913NPE	650.-	10
	Neutral Terminal 15 Holes	8GB9915NPE	720.-	10
Earth Terminals				
	5 Way Earth Link	8GB9905EL	305.-	10
	11 Way Earth Link	8GB9911EL	515.-	10
	13 Way Earth Link	8GB9913EL	545.-	10
	15 Way Earth Link	8GB9915EL	650.-	10

Note: * MRP - Maximum Retail Price
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

Type 1 - For incoming power supply panels, in buildings with lightning protection system. Must be accompanied by downstream SPD

Type 2 - For distribution panels located downstream of Type 1 protectors or in incoming supply panels in areas of low exposure to lightning strikes, where the building is not fitted with lightning protection system

Type 3 - Always installed downstream of Type 2 protection designed to protect sensitive equipment or equipment located more than 20m downstream of Type 2 SPD

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Surge Protection Devices

For protection of equipment against Lightning and Switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage Uc: 350V

Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350µs)	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	**22870.-**
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	**44515.-**

Type 2: Surge Arresters

Reference No.	Rated voltage	Pole	Module width	U_C	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	**3740.-**
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	**11115.-**

Surge Arresters for Photovoltaic application

On the DC side, over voltage protection is required for the inverters which can be ensured by using 5SD74836RC.

On the AC side, the over voltage protection can be ensured using surge arresters Type 2 (5SD7461-0RC/5SD7464-0RC)

Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	**6315.-**

Note: Standard packing: 1unit

*LP: List Price

Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, U_C 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display

5SD74121

5SD74141

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	5SD74121	Price on request
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	5SD74141	

For TN-C system

Lightning arresters, Type 1 requirement class B, U_C 350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display

5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	≤1.5kV	25kA/75kA	-	3P	5SD74131	109255.-

Type 2 : Surge Arresters

For TN-S/ TT system

Surge arrester Type 2 requirement class C, U_C:350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current In=20kA SC capacity with backup fuse=25kA

5SD74641

5SD7422-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Rated discharge current I_n (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	5SD74640	Price on request
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	5SD74641	
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	5SD74220	
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	5SD74221	

For TN-C system

Surge arrester Type 2 requirement class C, U_C:350V
Pluggable protective modules 3-pole, 3+0 circuit for TNC systems

5SD7463-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max} L-N or L-(PE)N, 1P	Pole	Remote signaling	Reference No.	Unit LP* ₹
240/415V	80A gL/gG	≤1.5kV	40kA	3P	No	5SD74630	37020.-
240/415V	80A gL/gG	≤1.5kV	40kA	3P	Yes	5SD74631	38715.-

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1unit * LP : List Price

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 3 : Surge Arresters

Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
24V AC 34V DC	26A	0.65kV	1kA	2P	**5SD74325**	**17550.-**
120V AC 150V DC	26A	0.95kV	3kA	2P	**5SD74326**	**19120.-**
240V AC 240V DC	26A	1.5kV	3kA	2P	**5SD74327**	**19630.-**

Surge arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)

5SD74836

Rated voltage U_N	Rated discharge current	Protection level U_p	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
1000V DC	15kA	≤3.5kV	≤5kA	40kA	3P	No	**5SD74836**	**Price on request**

Replacement Plug

SPD Type	Type	Connection	Reference No.	Unit LP* ₹
5SD74121 5SD74131 5SD74141	Type 1	L-N	**5SD74181**	**30800.-**
5SD74121 5SD74131 5SD74141		N-PE	**5SD74180**	**32285.-**
5SD7463-0/1 5SD7464-0/1	Type 2	L-N	**5SD74681**	**9045.-**
5SD7464-0/1		N-PE	**5SD74880**	**11345.-**
5SD7422-0/1		L-N	**5SD74281**	**9045.-**
5SD7422-0/1		N-PE	**5SD74280**	**11775.-**
5SD7483-6	PV	-	**5SD74983**	**Price on request**

* Also available Type 1+ Type 2 and Type1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:
Standard packing: 1unit
* LP - List Price

SENTRON
Modular Devices

For efficient control and monitoring

- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Changeover switches Standards: IEC 60947-3/DIN EN 60947-3						
	1C/O, 230V	20	1	5TE8161	3730.-	1/10
	2C/O, 400V	20	1	5TE8162	5635.-	1/10
	Group switch, center position, 2C/O, 400V	20	1	5TE8142	6805.-	1/10
Insta Contactors Standards: EN 60947-4-1, EN 60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58000	4500.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	40	3	5TT58410	12310.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc (1NC contact rated for 30A)	40	3	5TT58412	12365.-	1/5
	4NO contacts, 230Vac/220Vdc	40	3	5TT58400	12405.-	1/5
	4NO contacts, 24Vac/24Vdc	40	3	5TT58402	12385.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	63	3	5TT58510	19270.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc, (1NC contact rated for 30A)	63	3	5TT58512	19625.-	1/5
	4NO contacts, 230Vac/220Vdc	63	3	5TT58500	15720.-	1/5
	4NO contacts, 24Vac/24Vdc	63	3	5TT58502	15750.-	1/5
Insta Contactors Manual / Automatic with Switching Indicator Standards: IEC60947-4-1, IEC60947-5-1						
	2NO contacts, 230Vac	20	1	5TT58006	5990.-	1/5
	1NO+1NC contacts, 230Vac	20	1	5TT58016	8805.-	1/5
	4NO contacts, 230Vac	25	2	5TT58306	9050.-	1/5
	4NO contacts, 400Vac	40	3	5TT58406	18220.-	1/5
	4NO contacts, 400Vac	63	3	5TT58506	23870.-	1/5
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	5490.-	1/10

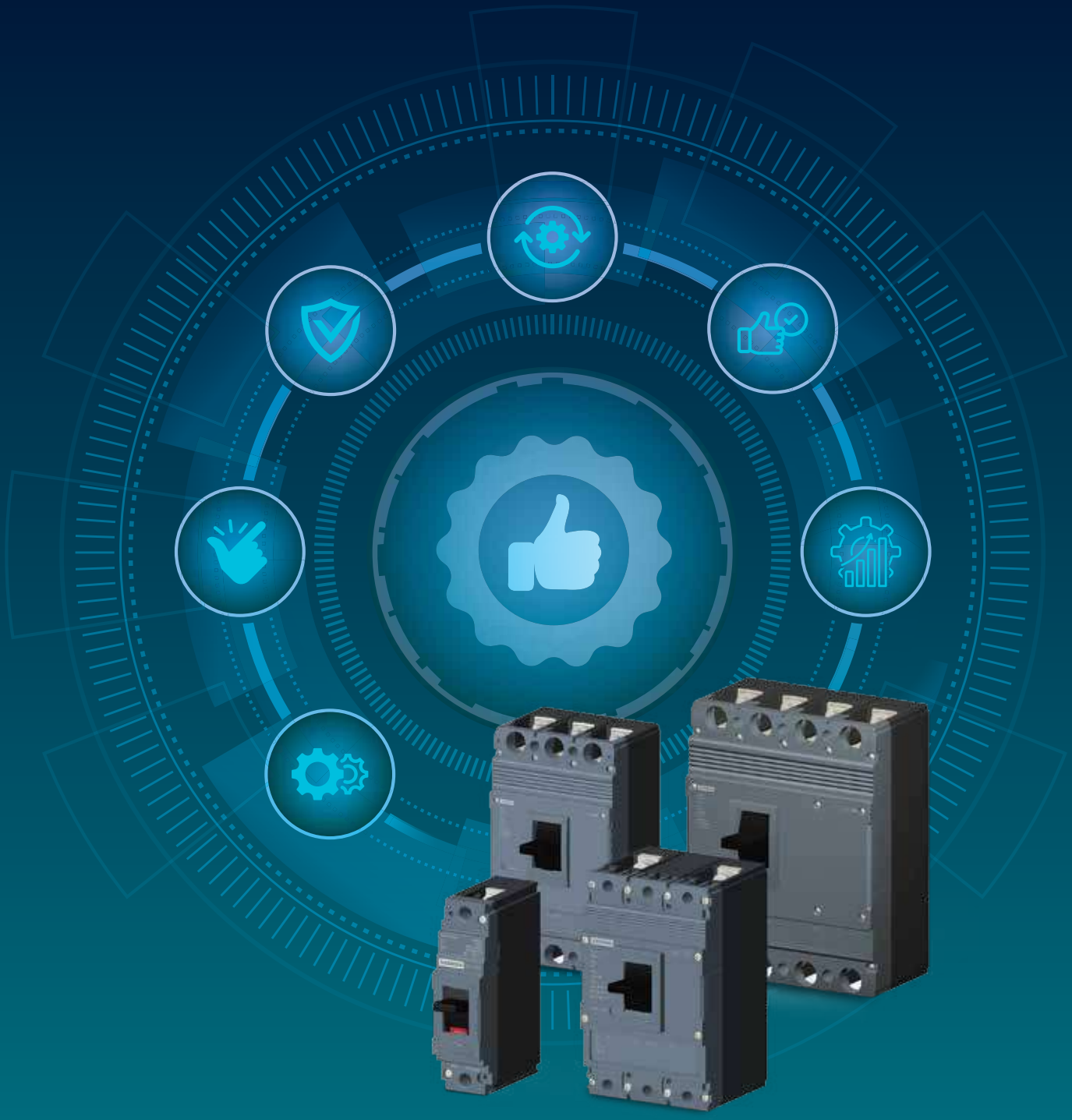
Note:
* LP - List Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	Price on request	1
Voltage Relays Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 07-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400Vac	4	2	5TT3402	19945.-	1
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400Vac	4	2	5TT3407	36480.-	1
	Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400Vac	4	2	5TT3408	37555.-	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	5015.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	4770.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1280.-	1/10
Power ON Indicator (Economy Version) 230 Vac, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	2990.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	3800.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	1650.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	1650.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	1650.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	1650.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230Vac	4	2	5TT3170	15645.-	1

Note:
* LP - List Price # 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230Vac	16	1	**7LF45015**	**11645.-**	**1**
	Yearly time switch top digital 230V, 1 channel	16	2	**7LF45110**	**14255.-**	**1**
	Yearly time switch top digital 230V, 2 channel	16	2	**7LF45120**	**27295.-**	**1**
	Weekly time switch profi digital 230V, 1 channel	16	2	**7LF45210**	**25430.-**	**1**
	Weekly time switch profi digital 230V, 2 channel	16	2	**7LF45220**	**32890.-**	**1**
	Weekly time switch astro digital 230V, 1 channel	16	2	**7LF45310**	**25635.-**	**1**
	Weekly time switch astro digital 230V, 2 channel	16	2	**7LF45320**	**58940.-**	**1**
Time Switches (Mechanical) Standards: EN 60730-1						
	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	**7LF53011**	**15775.-**	**1**
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53005**	**8705.-**	**1**
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53016**	**16755.-**	**1**
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250Vac	16	—	**7LF53050**	**18330.-**	**1**
7LF53005	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250Vac	16	—	**7LF53010**	**10335.-**	**1**
Accessories for Digital Time Switches						
	USB adapter and software			**7LF49410**	**42195.-**	**1**
	Data key profi, astro			**7LF49411**	**4295.-**	**1**

Note:
* LP - List Price
# 1MW (Module Width) = 18mm
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details



SINOVA

3VJ Moulded Case Circuit Breakers

Simply Efficient

- Rated current: 20A to 400A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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3VJ Moulded Case Circuit Breakers$

3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	18kA	20	3VJ1002-1DA32-0AA0	3VJ1002-1EA42-0AA0
		25	3VJ1092-1DA32-0AA0	3VJ1092-1EA42-0AA0
		32	3VJ1003-1DA32-0AA0	3VJ1003-1EA42-0AA0
		40	3VJ1004-1DA32-0AA0	3VJ1004-1EA42-0AA0
		50	3VJ1005-1DA32-0AA0	3VJ1005-1EA42-0AA0
		63	3VJ1006-1DA32-0AA0	3VJ1006-1EA42-0AA0
		80	3VJ1008-1DA32-0AA0	3VJ1008-1EA42-0AA0
		100	3VJ1010-1DA32-0AA0	3VJ1010-1EA42-0AA0
		125	3VJ1012-1DA32-0AA0	3VJ1012-1EA42-0AA0
	25kA	20	3VJ1002-3DA32-0AA0	3VJ1002-3EA42-0AA0
		25	3VJ1092-3DA32-0AA0	3VJ1092-3EA42-0AA0
		32	3VJ1003-3DA32-0AA0	3VJ1003-3EA42-0AA0
		40	3VJ1004-3DA32-0AA0	3VJ1004-3EA42-0AA0
		50	3VJ1005-3DA32-0AA0	3VJ1005-3EA42-0AA0
		63	3VJ1006-3DA32-0AA0	3VJ1006-3EA42-0AA0
		80	3VJ1008-3DA32-0AA0	3VJ1008-3EA42-0AA0
		100	3VJ1010-3DA32-0AA0	3VJ1010-3EA42-0AA0
		125	3VJ1012-3DA32-0AA0	3VJ1012-3EA42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-3DA32-0AA0	3VJ1216-3EA42-0AA0
		200	3VJ1220-3DA32-0AA0	3VJ1220-3EA42-0AA0
		250	3VJ1225-3DA32-0AA0	3VJ1225-3EA42-0AA0

3VJ MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	25kA	20	3VJ1002-3DB32-0AA0	3VJ1002-3EB42-0AA0
		25	3VJ1092-3DB32-0AA0	3VJ1092-3EB42-0AA0
		32	3VJ1003-3DB32-0AA0	3VJ1003-3EB42-0AA0
		40	3VJ1004-3DB32-0AA0	3VJ1004-3EB42-0AA0
		50	3VJ1005-3DB32-0AA0	3VJ1005-3EB42-0AA0
		63	3VJ1006-3DB32-0AA0	3VJ1006-3EB42-0AA0
		80	3VJ1008-3DB32-0AA0	3VJ1008-3EB42-0AA0
		100	3VJ1010-3DB32-0AA0	3VJ1010-3EB42-0AA0
		125	3VJ1012-3DB32-0AA0	3VJ1012-3EB42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-3DB32-0AA0	3VJ1216-3EB42-0AA0
		200	3VJ1220-3DB32-0AA0	3VJ1220-3EB42-0AA0
		250	3VJ1225-3DB32-0AA0	3VJ1225-3EB42-0AA0
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	3VJ1332-3EB42-0AA0
		400	3VJ1340-3DB32-0AA0	3VJ1340-3EB42-0AA0
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DB32-0AA0	3VJ1192-5EB42-0AA0
		32	3VJ1103-5DB32-0AA0	3VJ1103-5EB42-0AA0
		40	3VJ1104-5DB32-0AA0	3VJ1104-5EB42-0AA0
		50	3VJ1105-5DB32-0AA0	3VJ1105-5EB42-0AA0
		63	3VJ1106-5DB32-0AA0	3VJ1106-5EB42-0AA0
		80	3VJ1108-5DB32-0AA0	3VJ1108-5EB42-0AA0
		100	3VJ1110-5DB32-0AA0	3VJ1110-5EB42-0AA0
		125	3VJ1112-5DB32-0AA0	3VJ1112-5EB42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	3VJ1216-5EB42-0AA0
		200	3VJ1220-5DB32-0AA0	3VJ1220-5EB42-0AA0
		250	3VJ1225-5DB32-0AA0	3VJ1225-5EB42-0AA0
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	3VJ1332-5EB42-0AA0
		400	3VJ1340-5DB32-0AA0	3VJ1340-5EB42-0AA0

$ Kindly refer latest Power Distribution Products Price List for prices

3VJ Internal accessories$

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13 (VJ1 400)
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	3VJ9218-0AN11	3VJ9218-0AN11	3VJ9417-0AN11
	Right	–	3VJ9218-0AN21	3VJ9218-0AN21	3VJ9417-0AN21
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3VJ9118-0AD11	3VJ9218-0AD11	3VJ9417-0AD11
	Right	–	3VJ9118-0AD21	3VJ9218-0AD21	3VJ9417-0AD21

3VJ External accessories$

Frame Size / Accessory	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13 (VJ1 400)
Extended Door Mounted Rotary Operator (including 8UC handle)	3VJ9018-0HD11	3VJ9118-0HD11	3VJ9218-0HD11	3VJ9417-0HD11
Enclosure NEW	3VJ9016-0DE11 (2P, 3P)	3VJ9116-0DE11 (2P, 3P)	3VJ9216-0DE12 (2P, 3P)	
	3VJ9014-0DE11 (4P)	3VJ9114-0DE11 (4P)	3VJ9214-0DE12 (4P)	

Raja+ DOL Starters@
3TW Direct On Line Starters

IS/IEC 60947-4-1

CM/L No.7800027718

3ph, 50Hz DOL Starter in sheet steel housing, including bimetal relay with single phasing protection

Motor Rating At 415V 3ph 50Hz		Starter Type	Contactors	Thermal Overload Relay	Relay range (A)	Max. Full Load Current (Amp)		Std. Pkg. (Nos.)
HP	kW					3Ph, 415V 4P Squirrel Cage IS 8789:1996 Table 4	3Ph, 415V 2P MRP Submersible motor IS 9283:1995 Table 2	
0.33	0.25	3TW7291-1A^64	3TS3010-0A##-08KA0	3UW5102-0J	0.63-1	-	-	1
0.75	0.55	3TW7291-1A^66	3TS3010-0A##-08KA0	3UW5102-1A	1-1.6	1.7	-	1
1	0.75	3TW7291-1A^68	3TS3010-0A##-08KA0	3UW5102-1C	1.6-2.5	2.2	-	1
1.5	1.1	3TW7291-1A^69	3TS3010-0A##-08KA0	3UW5102-1D	2-3.2	2.9	**3.25**	1
2	1.5	3TW7291-1A^71	3TS3010-0A##-08KA0	3UW5102-1F	3.2-5	3.8	**4.5**	1
3	2.2	3TW7291-1A^72	3TS3010-0A##-08KA0	3UW5102-1G	4-6.3	5.1	**6.5**	1
5	3.7	3TW7291-1A^74	3TS3010-0A##-08KA0	3UW5102-1J	6.3-10	8.1	**10**	1
7.5	5.5	3TW7291-1A^75	3TS3210-0A##-08KA0	3UW5102-1K	8-12.5	11.4	**14.5**	1
7.5	5.5	3TW7291-1A^77	3TS3210-0A##-08KA0	3UW5102-2A	10-16	-	-	1
10	7.5	3TW7291-1A^78	3TS3210-0A##-08KA0	3UW5102-2B	12.5-20	15.4	**19.5**	1

^ Enter code for coil voltage, 50Hz (B for 200-400V AC, W for 332 - 456V AC)

Enter Code for operating coil voltage, 50 Hz (Z6 for 200-400V, R0 for 415V)

* MRP - Maximum Retail Price LP - List Price

$ Kindly refer latest Power Distribution Products Price List for prices

@ Kindly refer latest Control Products Price List for prices

Switch disconnector fuse@
Superswitch 3KL8 in open execution 3PN

Switch Disconnector fuse: 3KL8 for power distribution (in Open Execution 3PN)^

Rated current Ie @ 690V AC 50Hz	SDF suitable for DIN type HRC Fuses	SDF suitable for BS type HRC Fuses	SDF suitable for cylindrical type HRC Fuses	Std. pkg. (nos.)
20A	3KL8111-5TA00	3KL8111-5TJ00	3KL8111-5TC00	1
32A	3KL8121-5TA00	3KL8121-5TJ00	3KL8121-5TC00	1
63A	3KL8151-5TA00	3KL8151-5TJ00	3KL8151-5TC00	1
100A	3KL8171-5TA00	–	–	1
100A	3KL8211-5TA00	3KL8211-5TJ00	–	1
125A	3KL8221-5TA00	3KL8221-5TJ00	–	1
160A	3KL8231-5TA00	3KL8231-5TJ00	–	1
200A	3KL8311-5UA00	3KL8311-5UJ00	–	1
250A	3KL8321-5UA00	3KL8321-5UJ00	–	1
315A	3KL8331-5UA00	3KL8331-5UJ00	–	1
400A	3KL8341-5UA00	3KL8341-5UJ00	–	1
500A	3KL8411-5UA00	3KL8411-5UJ00	–	1
630A	3KL8421-5UA00	3KL8421-5UJ00	–	1
800A	3KL8431-5UA00	3KL8431-5UJ00	–	1

^ 3PN is 3 Pole with neutral link

Selection table for SS Housing for 3KL8

Rated current Ie (A)	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
3KL81 (20A - 63A)	3KX8235-4AC	–	1
3KL82 (100A - 160A)	3KX8235-4AC	–	1
3KL83 (200A - 400A)	3KX8345-4AC	–	1
3KL84 (500A - 800A)	3KX8435-4AC	–	1

Rated current Ie (A)	Gland box Reference No.	Unit MRP* ₹	Gland Plate Reference No.	Unit MRP* ₹	Std Pkg. (Nos.)
3KL81(20A-63A)	3KX8235-4DC	-	3KX8235-4GC	-	1
3KL82(100A-160A)	3KX8235-4DC	-	3KX8235-4GC	-	1
3KL83(200A-400A)	3KX8345-4DC	-	3KX8345-4GC	-	1
3KL84(500A-800A)	3KX8435-4DC	-	3KX8435-4GC	-	1

LV HRC Fuses@

DIN Type Fuse
Rated voltage: 500 V AC

Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
000	2	3NA7 802-0RC	–	1/6
	4	3NA7 804-0RC	–	
	6	3NA7 801-0RC	–	
	10	3NA7 803-0RC	–	
	16	3NA7 805-0RC	–	
	20	3NA7 807-0RC	–	
	25	3NA7 810-0RC	–	
	32	3NA7 812-0RC	–	
	40	3NA7 817-0RC	–	
	50	3NA7 820-0RC	–	
	63	3NA7 822-0RC	–	
	80	3NA7 824-0RC	–	
	100	3NA7 830-0RC	–	
00	125	3NA7 832-0RC	–	
	160	3NA7 836-0RC	–	

Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
1	50	3NA7 120-0RC	–	1/3
	63	3NA7 122-0RC	–	
	80	3NA7 124-0RC	–	
	100	3NA7 130-0RC	–	
	125	3NA7 132-0RC	–	
	160	3NA7 136-0RC	–	
	200	3NA7 140-0RC	–	
	224	3NA7 142-0RC	–	
	250	3NA7 144-0RC	–	

400 & 800A fuses - Rated voltage at 415 V AC

Size	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
2	200	3NA7 240-0RC	–	1/3
	250	3NA7 244-0RC	–	
	315	3NA7 252-0RC	–	
	400#	3NA7 260-0RC	–	
3	315	3NA3 352-0RC	–	1/3
	400	3NA3 360-0RC	–	
	500	3NA3 365-0RC	–	
	630	3NA3 372-0RC	–	
	800#	3NA3 375-4RC	–	

BS Fuses

Type	Rated current A	Reference No	Unit MRP* ₹	Std. Pkg. (Nos.)
Offset Tag	2	3NW TIA2	–	20
	4	3NW TIA4	–	
	6	3NW TIA6	–	
	10	3NW TIA10	–	
	16	3NW TIA16	–	
	20	3NW TIA20	–	
	25	3NW TIA25	–	
	32	3NW TIA32	–	
	40	3NW TIS40	–	
	50	3NW TIS50	–	
	63	3NW TIS63	–	

Note: * MRP - Maximum Retail Price
@ Kindly refer latest Power Distribution Products Price List for prices

Available till stocks last

Betagard Distribution Boards 8GB0 SPN and TPN DBs

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Plastic Enclosure, IP20:							
	3/4 Way	–	–	4	8GB0004	Price on request	1/50
	6 Way	–	–	6	8GB0006		1/25
Double Door SPN DBs, IP42 :							
	4 Way	2	4	6	8GB0204RC	Price on request	1
	6 Way	2	6	8	8GB0206RC		1
	8 Way	2	8	10	8GB0208RC		1
	12 Way	2	12	14	8GB0212RC		1
	14 Way	2	14	16	8GB0214RC		1
Double Door TPN DBs (Horizontal), IP42 :							
	4 Way	8	12	20	8GB0404HRC	Price on request	1
	6 Way	8	18	26	8GB0406HRC		1
	8 Way	8	24	32	8GB0408HRC		1
	12 Way	8	36	44	8GB0412HRC		1
Double Door TPN DBs (Vertical), IP42 :							
	4 Way	8	12	20	8GB0404VRC	Price on request	1
	6 Way	8	18	26	8GB0406VRC		1
	8 Way	8	24	32	8GB0408VRC		1
	12 Way	8	36	44	8GB0412VRC		1
Double Door, Per Phase Isolation TPN DBs (Horizontal), IP42 :							
	4 Way	8	18	26	8GB0405HRC	Price on request	1
	6 Way	8	24	32	8GB0407HRC		1
	8 Way	8	30	38	8GB0409HRC		1
	12 Way	8	42	50	8GB0413HRC		1
Double Door, Per Phase Isolation TPN DBs (Vertical), IP42 :							
	4 Way	8	18	26	8GB0405VRC	Price on request	1
	6 Way	8	24	32	8GB0407VRC		1
	8 Way	8	30	38	8GB0409VRC		1
	12 Way	8	42	50	8GB0413VRC		1
Double Door, Phase Segregated TPN DBs (7 segment), IP42:							
	4 Way	12	12+12	36	8GB0504	Price on request	1
	6 Way	12	12+18	42	8GB0506		1
	8 Way	12	12+24	48	8GB0508		1
	12 Way	12	12+36	60	8GB0512		1

Note: * MRP - Maximum Retail Price
** Purchase MOQ for our authorized dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Betaflex (Flexi DBs), IP42 :							
	2Row x 12Mod	—	—	24	8GB31424RC	Price on request	1
	2Row x 16Mod	—	—	32	8GB31426RC		1
	4Row x 6Mod	—	—	24	8GB31441RC		1
	4Row x 8Mod	—	—	32	8GB31442RC		1
	4Row x 10Mod	—	—	40	8GB31443RC		1
	4Row x 12Mod	—	—	48	8GB31444RC		1
	4Row x 16Mod	—	—	64	8GB31446RC		1
Betabus (Vertical Busbar DBs with MCB as an incomer), IP42 : (Suitable for 5SL/5SP MCBs, upto 125A as an incomer)							
	4 way	12	12	24	8GB31471RC	Price on request	1
	6 way	12	18	30	8GB31473RC		1
	8 way	12	24	36	8GB31474RC		1
	12 way	12	36	48	8GB31477RC		1
Betabusplus (Vertical Busbar DBs with MCCB as an incomer), IP42 : (Suitable for 3VT1/3VA1 MCCBs, upto 160A as an incomer)							
	4 way	12	12	24	8GB31571RC	Price on request	1
	6 way	12	18	30	8GB31572RC		1
	8 way	12	24	36	8GB31573RC		1
	12 way	12	36	48	8GB31574RC		1
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, provision	2	12	14	8GB31215RC	Price on request	1
	4 Way TPN, Provision	8	12	20	8GB31220RC		1
	6 way TPN, provision	8	18	26	8GB31221RC		1
	8 Way TPN Provision	8	24	32	8GB31222RC		1

Note:
* MRP - Maximum Retail Price
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Available till stocks last

Betagard Distribution Boards 8GB31

	Item Description	Incoming Slots (MW)	Outgoing Slots (MW)	Total Slots (MW)	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Beta CO (DBs with built-in pre-wired phase changeover switches), IP42 :							
	40 A, 4 Way TPN, built-in	8	12	20	8GB31850RC	Price on request	1
	40 A, 6 Way TPN, built-in	8	18	26	8GB31851RC		1
	40 A, 8 Way TPN, built-in	8	24	32	8GB31852RC		1
	40 A, 12 Way TPN, built-in	8	36	44	8GB31854RC		1
	63 A, 4 Way TPN, built-in	8	12	20	8GB31860RC		1
	63 A, 6 Way TPN, built-in	8	18	26	8GB31861RC		1
	63 A, 8 Way TPN, built-in	8	24	32	8GB31862RC		1
	63 A, 12 Way TPN, built-in	8	36	44	8GB31864RC		1
Wire Way Boxes (WWB)							
	WWB for Flexi DB,8Mod	—	—	—	8GB9908FWWNT	Price on request	1/5
	WWB for Flexi DB,12Mod	—	—	—	8GB9912FWWNT		1/5
	WWB for Flexi DB,16Mod	—	—	—	8GB9916FWWNT		1/5
	WWB for Bus DB	—	—	—	8GB99BUSWWNT		1/5
	WWB for Bus Plus DB	—	—	—	8GB99BPLUSWWNT		1/5
Modular Device Boxes (MDB)							
	MDB for Flexi DB, 8Mod/Row	—	—	8	8GB9908FMDTC	Price on request	1/5
	MDB for Flexi DB,12Mod/Row	—	—	12	8GB9912FMDTC		1/5
	MDB for Flexi DB,16Mod/Row	—	—	16	8GB9916FMDTC		1/5
	MDB for Bus DB	—	—	12	8GB99BUSMBTC		1/5
	MDB for Bus Plus DB	—	—	12	8GB99BPLUSMBTC		1/5
BetaMulti (DBs for power & communication), IP42 :							
	12 way SPN, built-in	2	12	14	8GB31315RC	Price on request	1
	4 Way TPN, Built-in	8	12	20	8GB31320RC		1
	6 way TPN, built-in	8	18	26	8GB31321RC		1
	8 Way TPN, Built-in	8	24	32	8GB31322RC		1
Beta CO (DBs with provision for phase changeover switches), IP42 :							
	4 way, with provision	8	12	20	8GB31840RC	Price on request	1
	6 way, with provision	8	18	26	8GB31841RC		1
	8 way, with provision	8	24	32	8GB31842RC		1
	12 way, with provision	8	36	44	8GB31844RC		1

Betagard Distribution Boards Accessories

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
Blanking Plate				
	1.5 MW	8GB9902	Price on request	25

Note:
* MRP - Maximum Retail Price
** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact Siemens Sales Office for further details

Discontinued Products

Betagard Circuit Breakers 5SY7, with D Characteristics

Reference No.	Reference No.	Reference No.	Reference No.
5SY71058CC	5SY72058CC	5SY73058CC	5SY74058CC
5SY71018CC	5SY72018CC	5SY73018CC	5SY74018CC
5SY71028CC	5SY72028CC	5SY73028CC	5SY74028CC
5SY71038CC	5SY72038CC	5SY73038CC	5SY74038CC
5SY71048CC	5SY72048CC	5SY73048CC	5SY74048CC
5SY71068CC	5SY72068CC	5SY73068CC	5SY74068CC
5SY71088CC	5SY72088CC	5SY73088CC	5SY74088CC
5SY71108CC	5SY72108CC	5SY73108CC	5SY74108CC
5SY71138CC	5SY72138CC	5SY73138CC	5SY74138CC
5SY71168CC	5SY72168CC	5SY73168CC	5SY74168CC
5SY71208CC	5SY72208CC	5SY73208CC	5SY74208CC
5SY71258CC	5SY72258CC	5SY73258CC	5SY74258CC
5SY71328CC	5SY72328CC	5SY73328CC	5SY74328CC
5SY71408CC	5SY72408CC	5SY73408CC	5SY74408CC
5SY71508CC	5SY72508CC	5SY73508CC	5SY74508CC
5SY71638CC	5SY72638CC	5SY73638CC	5SY74638CC

Betagard Circuit Breakers 5SY5, DC with C Characteristics

Reference No.	Reference No.
5SY51057CC	5SY52057CC
5SY51017CC	5SY52017CC
5SY51027CC	5SY52027CC
5SY51037CC	5SY52037CC
5SY51047CC	5SY52047CC
5SY51067CC	5SY52067CC
5SY51087CC	5SY52087CC
5SY51107CC	5SY52107CC
5SY51137CC	5SY52137CC
5SY51167CC	5SY52167CC
5SY51207CC	5SY52207CC
5SY51257CC	5SY52257CC
5SY51327CC	5SY52327CC
5SY51407CC	5SY52407CC
5SY51507CC	5SY52507CC
5SY51637CC	5SY52637CC

Betagard Distribution Boards MB DBs

Reference No.	Reference No.
8GB31810RC01	8GB31813RC02
8GB31811RC01	8GB31814RC02
8GB31812RC01	8GB31815RC02
8GB31813RC01	8GB31810RC03
8GB31814RC01	8GB31811RC03
8GB31815RC01	8GB31812RC03
8GB31810RC02	8GB31813RC03
8GB31811RC02	8GB31814RC03
8GB31812RC02	8GB31815RC03

Betagard Isolators 5TL1

Reference No.
5TL12320
5TL13320
5TL14320

Terms and Conditions

Maximum Retail Price (MRP) / List Price (LP) is subject to revision without prior notice.
The company reserves the right to supply goods at its works or godown at its discretion.
The minimum order size for non-stock items (items not marked with ■) is 50 Nos. for each item or ₹ 50,000/- per item.

Export control regulation - retention clause: The fulfillment of the agreement on Siemens part is subject to the provision that this shall not be prevented by implements on the grounds of national and international legal requirements, in particular export control provision.

Stock items
The normal stock items (indicated by ■) are subject to change without prior notice.

Note

- **This supercedes all previous Price Lists.**
- **List Prices (LPs) mentioned are exclusive of all taxes.**
- **Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.**
- **Invoice amount not to exceed MRP**
- **Invoice amount = MRP (less) applicable discount + applicable GST %**
- **For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.**

Ask your nearest Siemens partners to include you in our mailing list.
Always make your purchases only from our authorised dealers. Details available with our sales office/territory managers.

SENTRON
7KN Powercenter 1000

www.siemens.co.in

SIEMENS

Monitoring and Protection
Detection of switching status and differentiation of tripping due to faults

Signals and Warning
Alarm signals when exceeding a limit value

Predictive Maintenance
Integrated operating cycles counter, operating hours and trip counter

Data Acquisition
Measurement of current, voltages, mains frequency and temperature

Overview of Energy Consumption
Measurement of Power and Energy values

Communication Interface
through integrated MODBUS TCP and wireless interface

SENTRON circuit protection devices › **Measurement** › **COM**

7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

Current Sensors
- Versions: 40 A, 63 A

Sensor Bar
- Versions available for 3, 6, 9, 12

Data Manager
- Connection of up to 96 sensors (40A/63A)
- DIN rail installation (4MW)

Communication/ Software:
- Modbus TCP/ IP
- Simple system onfiguration via web server
- Easy access to energy data with mobile app (iOS/Android)

*For more details, contact nearest Siemens Sales Office

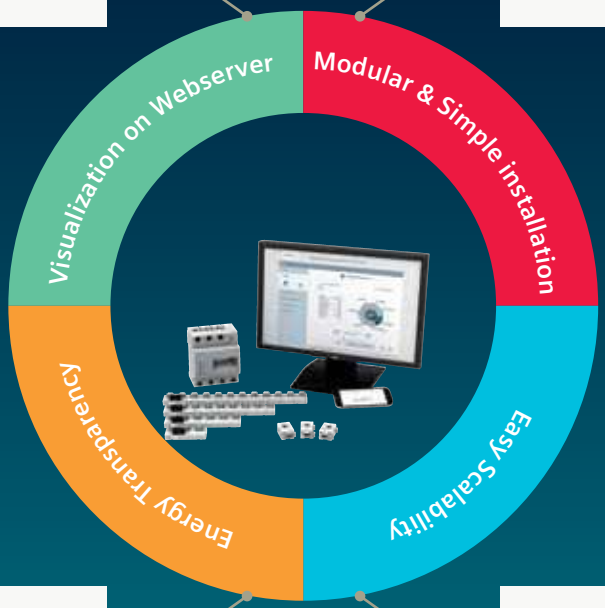
www.siemens.com/powermonitoring

SIEMENS

- Modbus TCP/IP communication
- Simple configuration of system via powerconfig and web server
- Visualization of consumption via Webserver and Mobile App (Android /iOS)

fast

- Flexible sensor bars and current sensors to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring



plug and play

- Targeted detection of power guzzlers
- Simultaneous display of power consumption and costs
- Ensures optimal power monitoring

Flexible

- Easy to Upgrade
- Scale up the system without any interruption or cumbersome wiring

Easy

Transparent

Cost-efficient

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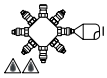
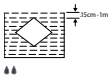
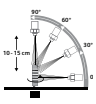
Relevant Standards

Title	IS	IEC	Products							
			MCB		RCCB		RCBO	DB	AFDD	SPD
			5SL4/6/7	5SL5	5SV	5SM	5SU1	8GB	5SM6	5SD7
Electric Installations – MCBs for Building Installations and Similar Purposes Part 1: MCBs for AC Systems	IS 60898-1	IEC 60898-1	✓	–	–	–	–	–	–	–
Low-voltage switchgear and controlgear Part 2: Circuit-breakers	IS 60947-2	IEC 60947-2	–	✓		–	–	–	–	–
Residual Current Operated Circuit-Breakers for Household and Similar Uses, Part 1: Circuit-Breakers Without Integral Overcurrent Protection (RCCBs)	IS 12640-1	IEC 61008-1	–	–	✓	✓	–	–	–	–
Residual Current Operated Circuit-Breaking for Household and Similar Uses, Part 2: Circuit-Breakers with Integral Overcurrent Protection (RCBOs)	IS 12640-2	IEC 61009-1	–	–	–	–	✓	–	–	–
General requirements for arc fault detection devices	–	IEC 62606	–	–	–	–	–	–	✓	–
Low-voltage switchgear and controlgear assemblies, Part 2: Power switchgear and controlgear assemblies	–	IEC 61439-1/3	–	–	–	–	–	✓	–	–
Surge protective devices connected to low-voltage power systems	–	IEC 61643-11	–	–	–	–	–	–	–	✓

Degree of Protection

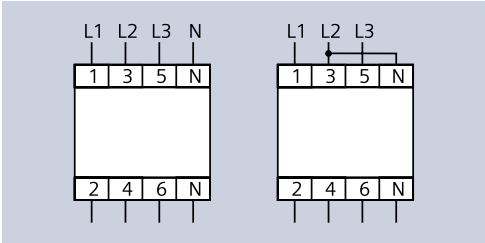
First digit: Protection against solid foreign objects		Second digit: Protection against ingress of water	
	0 No protection		0 No protection
	1 Protected against solid objects up to 50mm (e.g. hand)		1 Protection against vertically falling drops of water (e.g. condensation)
	2 Protected against solid objects up to 12mm diameter (e.g. finger)		2 Protection against direct sprays of water up to 15 degrees from vertical
	3 Protected against solid objects up to 2.5mm diameter (e.g. screwdriver)		3 Protection against direct sprays of water up to 60 degrees from vertical
	4 Protected against solid objects up to 1mm diameter (e.g. wire)		4 Protection against water sprayed from all directions, limited ingress permitted
	5 Protected against dust: limited ingress permitted, no harmful deposit.		5 Protected against low-pressure jets of water from all directions, limited ingress permitted
	6 Totally protected against dust		6 Protected against strong jets of water from all directions, limited ingress permitted (e.g. water from heavy seas on a ship's deck)
			7 Protected against the effect of temporary immersion (30 min) between 15cm and 1m
IP 6 8			8 Protected against long period of immersion under pressure
			9 Protected against high pressure, high temperature jets of water from multiple directions

Installation Guideline for RCCB

RCCB suitability for various distribution networks.

Betagard RCCBs can be used in all 3 distribution network types viz. TN, TT & an IT network system. 4 pole RCCBs can also be used in 3 pole supply networks by adhering to installation guidelines. In this case, connection must be at terminals 1, 3 and 5 and 2, 4 and 6.

The function of the test equipment is only ensured if a jumper is fitted between terminals 3 and N.



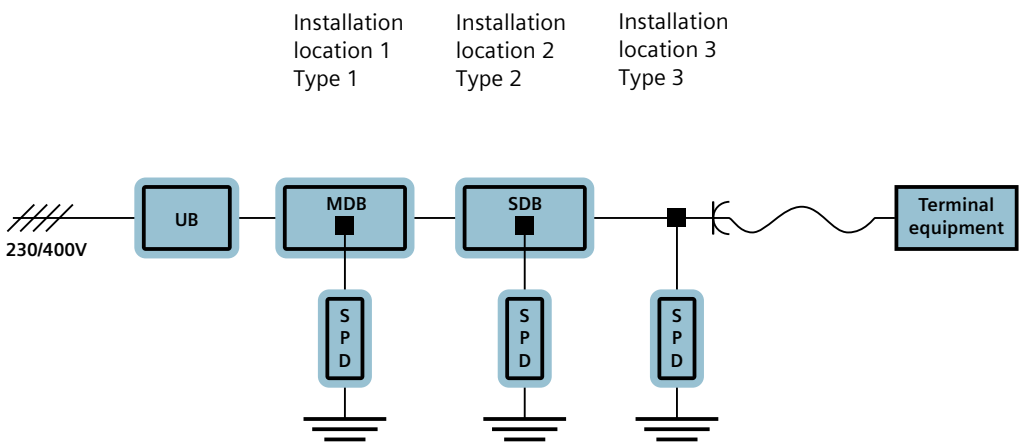
Types and waveform

					6 mA	10 mA		
Type AC		■	–	–	–	–	–	–
Type A		■	■	■	■	–	–	–
Type F		■	■	■	■	■	■	–
Type B		■	■	■	■	■	■	■
Type B+	kHz	■	■	■	■	■	■	■

Version

SIGRES	with active condensation protection for use in severe ambient conditions
[G] / [K]	super-resistant, 10 ms short-term delayed devices with increased immunity to false triggering due to transient disruptions
[S]	as an upstream group switch for selective shutdown against downstream RCCBs

Installation locations for Surge Protection Devices (SPDs)



UB: Utility Box MDB: Main distribution board SDB: Sub Distribution board

Installation location 1 must be as close as possible to the supply point for the electrical system, so that the downstream installations are protected. The SPDs at installation locations 2 and 3 shall not be used without SPDs at installation location 1, and they must be coordinated with these SPDs (i.e. SPDs all from the same manufacturer).

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