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Your trusted partner for reliable power

Low Voltage Power Distribution Products

Price List w.e.f. 15th May 2025

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3WA air circuit breakers

Made for makers. Simply reliable

Every power supply depends on a reliable infeed of electricity. The SENTRON 3WA air circuit breaker combines all the functions that today's digital companies need from electrification components. That includes reliable protection of people and systems from electrical damage and accidents, flexible use and retrofit options, a long service life and reduced maintenance, as well as innovative features consistent with engineering tools, reliable energy data acquisition, and seamless integration in digital environments. As a key component of electrical power distribution, the SENTRON 3WA air circuit breaker provides the foundation for integrated energy systems in the digital age

Trust the tried-and-tested



- Consistent portfolio
- Easy function extension
- Long-term security

Benefit from efficiency



- Optimal selectivity
- Highest product quality
- Time and cost savings for switchgear integration

Solutions with potential



- Permanent flexibility
- Future-proof communication solutions
- High system transparency

Enjoy consistency



- Consistent tool landscape
- Comfortable planning and project engineering



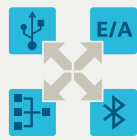
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more
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Future
ready



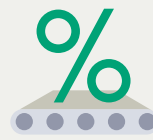
Easy
operation



Advanced
connectivity



Smallest
footprint



Shorter
downtime



Operator
safety



Efficient
metering



Easy
upgrade



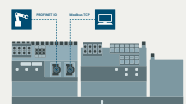
Enhanced
safety



Cyber
security



High system
availability



Dual COM
Profinet with CC-C

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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.

[siemens.com/3wa](https://www.siemens.com/3wa)

SIEMENS

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....	POR	POR	POR	POR
	800	3WL1108....				
	1000	3WL1110....				
	1250	3WL1112....				
	1600	3WL1116....				
II	2000	3WL1220....				
	2500	3WL1225....				
	3200	3WL1232....				
	4000	3WL1240....				
III	5000	3WL1350....				
	6300	3WL1363....				

Prices of ACBs with other breaking capacities available on request.

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

Note: Std. Pkg. = 1 unit

Add-on options (Factory fitted)

Microprocessor based Release	Add LP* ₹
For ground fault protection	POR
Protection function LSIN with Current display	
Protection function LSING with Current display	

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	POR
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	

Motorized mechanism with other control voltages are 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.

Add-on options (Factory fitted)

Description	Add LP* ₹
Spring Charge Signal Switch	POR
Door Interlock	
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit*	
Mutual Mechanical Interlocking (Bowden wire)	
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)	

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

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	—	24-30	3WA9111-0AD02	22375.-
	110-127	110-125	3WA9111-0AD05	22375.-
	208-240	220-250	3WA9111-0AD06	22375.-
Under Voltage Release (Instantaneous)	380-415	—	3WA9111-0AE07	24735.-
Motorised Operating Mechanism	—	24-30	3WA9111-0AF02	123705.-
	110-127	110-125	3WA9111-0AF05	123705.-
	208-240	220-250	3WA9111-0AF06	123705.-
Castell Lock	—	—	3WX3663-6JEL_ \$	6870.-

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



SIMARIS

software tools

SIMARIS suite: Easy access to SIMARIS planning tools

Integrated and Safe planning of complete power distribution system

SIMARIS design

Power distribution network planning

- Compatible to load projects of version 10.x/11.x/24.x
- From medium-voltage in-feed down to final distribution
- Based on calculations as per IS/ IEC standards
- With automatic selection of appropriate switchgear & components

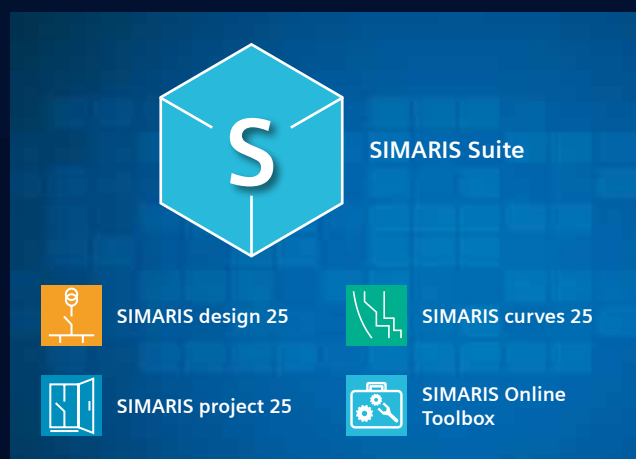
SIMARIS curves

Visualization & evaluation of:

- Tripping characteristics
- Cut-off current characteristics
- Let-through energy curves

*Download FREE version from www.siemens.com/simaris

www.siemens.com/simaris



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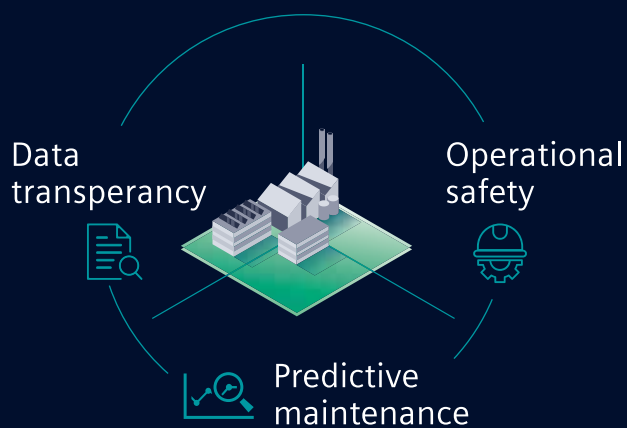


SENTRON 3WT^{Plus}

Air Circuit Breakers

Powering smart installations

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



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SIEMENS

ACB: SENTRON 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: LSING¹⁾ + 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	368860.-	3WT8065-6AA04-5AB2	479530.-
		EDO	3WT8061-6UA34-5AB2	477115.-	3WT8065-6UA34-5AB2	587785.-
	800	MDO	3WT8081-6AA04-5AB2	389290.-	3WT8085-6AA04-5AB2	509595.-
		EDO	3WT8081-6UA34-5AB2	497545.-	3WT8085-6UA34-5AB2	617850.-
	1000	MDO	3WT8101-6AA04-5AB2	399855.-	3WT8105-6AA04-5AB2	518660.-
		EDO	3WT8101-6UA34-5AB2	508110.-	3WT8105-6UA34-5AB2	626915.-
	1250	MDO	3WT8121-6AA04-5AB2	491140.-	3WT8125-6AA04-5AB2	583870.-
		EDO	3WT8121-6UA34-5AB2	599395.-	3WT8125-6UA34-5AB2	692125.-
	1600	MDO	3WT8161-6AA04-5AB2	527125.-	3WT8165-6AA04-5AB2	638095.-
		EDO	3WT8161-6UA34-5AB2	635380.-	3WT8165-6UA34-5AB2	746350.-
II	2000	MDO	3WT8202-6AA04-5AB2	662290.-	3WT8206-6AA04-5AB2	815115.-
		EDO	3WT8202-6UA34-5AB2	770545.-	3WT8206-6UA34-5AB2	923370.-
	2500	MDO	3WT8252-6AA04-5AB2	750180.-	3WT8256-6AA04-5AB2	953735.-
		EDO	3WT8252-6UA34-5AB2	858435.-	3WT8256-6UA34-5AB2	1061990.-
	3200	MDO	3WT8322-6AA04-5AB2	961775.-	3WT8326-6AA04-5AB2	1180100.-
		EDO	3WT8322-6UA34-5AB2	1070030.-	3WT8326-6UA34-5AB2	1288355.-

Microprocessor based Trip Units

ETU35WT: LSI + Display

5

Reduce

1015.-

5

Reduce

1015.-

Microprocessor based trip unit ETU37WT: LSING¹⁾ + 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	271065.-	3WT8065-6AA00-0AA2	366730.-
		EF	3WT8061-6UA30-0AA2	379320.-	3WT8065-6UA30-0AA2	474985.-
	800	MF	3WT8081-6AA00-0AA2	292590.-	3WT8085-6AA00-0AA2	402585.-
		EF	3WT8081-6UA30-0AA2	400845.-	3WT8085-6UA30-0AA2	510840.-
	1000	MF	3WT8101-6AA00-0AA2	298275.-	3WT8105-6AA00-0AA2	426485.-
		EF	3WT8101-6UA30-0AA2	406530.-	3WT8105-6UA30-0AA2	534740.-
	1250	MF	3WT8121-6AA00-0AA2	405710.-	3WT8125-6AA00-0AA2	479755.-
		EF	3WT8121-6UA30-0AA2	513965.-	3WT8125-6UA30-0AA2	588010.-
	1600	MF	3WT8161-6AA00-0AA2	414245.-	3WT8165-6AA00-0AA2	513900.-
		EF	3WT8161-6UA30-0AA2	522500.-	3WT8165-6UA30-0AA2	622155.-
II	2000	MF	3WT8202-6AA00-0AA2	465880.-	3WT8206-6AA00-0AA2	668775.-
		EF	3WT8202-6UA30-0AA2	574135.-	3WT8206-6UA30-0AA2	777030.-
	2500	MF	3WT8252-6AA00-0AA2	525870.-	3WT8256-6AA00-0AA2	785195.-
		EF	3WT8252-6UA30-0AA2	634125.-	3WT8256-6UA30-0AA2	893450.-
	3200	MF	3WT8322-6AA00-0AA2	800680.-	3WT8326-6AA00-0AA2	986080.-
		EF	3WT8322-6UA30-0AA2	908935.-	3WT8326-6UA30-0AA2	1094335.-

Microprocessor based Trip Units

ETU35WT: LSI + Display

5

Reduce

1015.-

5

Reduce

1015.-

For Non-Automatic ACBs please deduct ₹ 2310/- 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 protection¹⁾

N: Neutral protection¹⁾

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.

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	116165.-
	220-240	220-250	3WT9831-1JK00	116165.-
Shunt Release or Closing Coil Suitable for continuous operation	–	24	3WT9851-1JB00	9950.-
	110-127	110-125	3WT9851-1JH00	9950.-
	220-240	220-250	3WT9851-1JK00	9950.-
Under Voltage Release Instantaneous	110-127	110-125	3WT9853-1JH00	10335.-
	208-240	220-250	3WT9853-1JK00	10335.-
	380-415	–	3WT9853-1JM00	10335.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9825-1JC00	7270.-
	Drawout circuit breaker		3WT9827-1JA00	7270.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	5560.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	22485.-
5 digit operating cycle counter			3WT9864-0CA00	18775.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	17450.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	17450.-
Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)			3WT9863-6JE00	16105.-
Castell Lock			3WX3663-6JEL_#	6870.-
Door Sealing Frame (Also suitable for 3WL ACB)			3WX3686-0JA00	4380.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	36660.-
	Size II		3WL9111-0AA22-0AA0	44575.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	40240.-
	Size II		3WL9111-0AA32-0AA0	46185.-

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

SENTRON Powerconfig

Parameterization and commissioning of LV power distribution

Parameterization

- Network scan
- Online / Offline comparison
- Reading in the device parameters



Diagnosis

- Measured value recording
- Communication test
- Device diagnosis



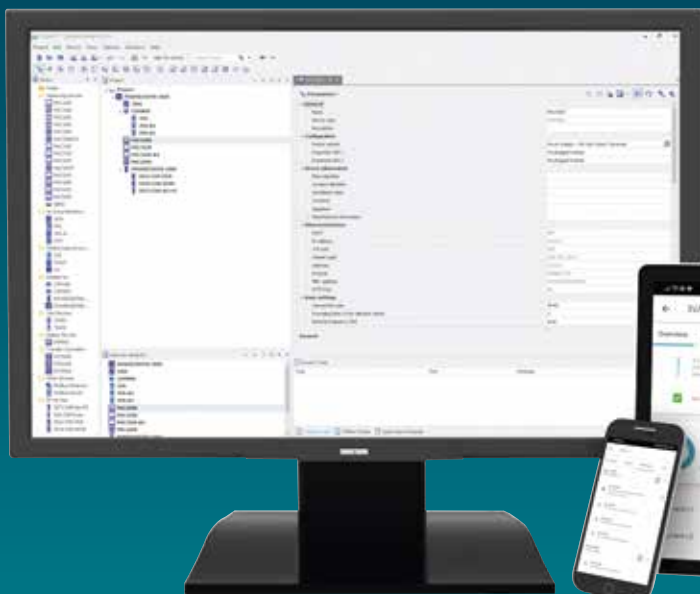
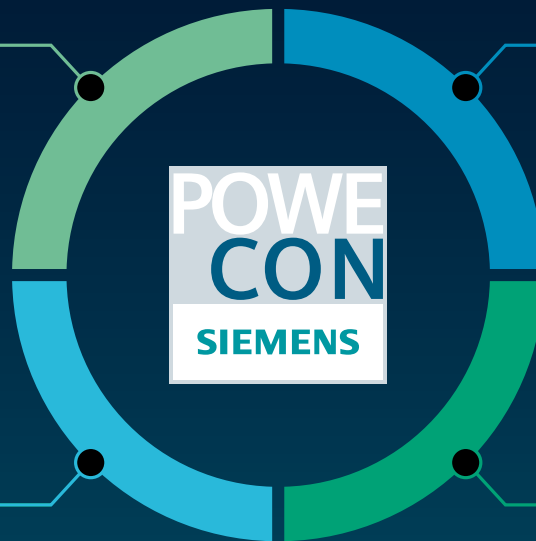
Service

- Firmware update
- Function upgrade



Documentation

- Project file
- Documentation export
- Device template



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3WJ air circuit breakers

Powering infrastructures across the globe

- Conforms to IEC 60947-2
- Rated current - 800A to 4000A
- Mechanical contact erosion indicator
- $I_{cu} = I_{cs} = I_{cw(1s)}$ for complete range
- Integrated LCD display and online test facility
- Breaking capacity upto 55 kA
- Ready to close mechanism for safe operation



Reliable



Safe



Comprehensive



Efficient



Adaptable



Customizable

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SIEMENS



3VA moulded case circuit breakers



Discover the perfect system

www.siemens.com/3VA

SIEMENS

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	12425.-	3VA1096-2ED42-0AA0	16110.-
		20	3VA1020-2ED32-0AA0	12425.-	3VA1020-2ED42-0AA0	16110.-
		25	3VA1025-2ED32-0AA0	12425.-	3VA1025-2ED42-0AA0	16110.-
		32	3VA1032-2ED32-0AA0	12425.-	3VA1032-2ED42-0AA0	16110.-
		40	3VA1040-2ED32-0AA0	12425.-	3VA1040-2ED42-0AA0	16110.-
		50	3VA1050-2ED32-0AA0	12425.-	3VA1050-2ED42-0AA0	16110.-
		63	3VA1063-2ED32-0AA0	12425.-	3VA1063-2ED42-0AA0	16110.-
		80	3VA1080-2ED32-0AA0	13590.-	3VA1080-2ED42-0AA0	17655.-
		100	3VA1010-2ED32-0AA0	15735.-	3VA1010-2ED42-0AA0	20490.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	12765.-	3VA1096-3ED42-0AA0	16650.-
		20	3VA1020-3ED32-0AA0	12765.-	3VA1020-3ED42-0AA0	16650.-
		25	3VA1025-3ED32-0AA0	12765.-	3VA1025-3ED42-0AA0	16650.-
		32	3VA1032-3ED32-0AA0	12765.-	3VA1032-3ED42-0AA0	16650.-
		40	3VA1040-3ED32-0AA0	12765.-	3VA1040-3ED42-0AA0	16650.-
		50	3VA1050-3ED32-0AA0	12765.-	3VA1050-3ED42-0AA0	16650.-
		63	3VA1063-3ED32-0AA0	12765.-	3VA1063-3ED42-0AA0	16650.-
		80	3VA1080-3ED32-0AA0	13880.-	3VA1080-3ED42-0AA0	18060.-
		100	3VA1010-3ED32-0AA0	16365.-	3VA1010-3ED42-0AA0	20910.-
3VA11		125	3VA1112-3ED32-0AA0	27590.-	3VA1112-3ED42-0AA0	35155.-
		160	3VA1116-3ED32-0AA0	31505.-	3VA1116-3ED42-0AA0	40995.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	13470.-	3VA1196-4GD42-0AA0	18640.-
		20	3VA1020-4ED32-0AA0	13470.-	3VA1120-4GD42-0AA0	18640.-
		25	3VA1025-4ED32-0AA0	13470.-	3VA1125-4GD42-0AA0	18640.-
		32	3VA1032-4ED32-0AA0	13470.-	3VA1132-4GD42-0AA0	18640.-
		40	3VA1040-4ED32-0AA0	13470.-	3VA1140-4GD42-0AA0	18640.-
		50	3VA1050-4ED32-0AA0	13470.-	3VA1150-4GD42-0AA0	18640.-
		63	3VA1063-4ED32-0AA0	13470.-	3VA1163-4GD42-0AA0	18640.-
		80	3VA1080-4ED32-0AA0	14135.-	3VA1180-4GD42-0AA0	20440.-
		100	3VA1010-4ED32-0AA0	17015.-	3VA1110-4GD42-0AA0	23610.-
3VA11		125	3VA1112-4ED32-0AA0	29395.-	3VA1112-4GD42-0AA0	38215.-
		160	3VA1116-4ED32-0AA0	34275.-	3VA1116-4GD42-0AA0	44565.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	15785.-	3VA1196-5GD42-0AA0	20490.-
		20	3VA1120-5ED32-0AA0	15785.-	3VA1120-5GD42-0AA0	20490.-
		25	3VA1125-5ED32-0AA0	15785.-	3VA1125-5GD42-0AA0	20490.-
		32	3VA1132-5ED32-0AA0	15785.-	3VA1132-5GD42-0AA0	20490.-
		40	3VA1140-5ED32-0AA0	15785.-	3VA1140-5GD42-0AA0	20490.-
		50	3VA1150-5ED32-0AA0	15785.-	3VA1150-5GD42-0AA0	20490.-
		63	3VA1163-5ED32-0AA0	16085.-	3VA1163-5GD42-0AA0	20490.-
		80	3VA1180-5ED32-0AA0	17320.-	3VA1180-5GD42-0AA0	22500.-
		100	3VA1110-5ED32-0AA0	20050.-	3VA1110-5GD42-0AA0	26005.-
		125	3VA1112-5ED32-0AA0	32310.-	3VA1112-5GD42-0AA0	41985.-
		160	3VA1116-5ED32-0AA0	37670.-	3VA1116-5GD42-0AA0	49025.-

[^] 3VA1 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

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	16200.-	3VA1196-3GE42-0AA0	23205.-
		20	3VA1120-3EE32-0AA0	16200.-	3VA1120-3GE42-0AA0	23205.-
		25	3VA1125-3EE32-0AA0	16200.-	3VA1125-3GE42-0AA0	23205.-
		32	3VA1132-3EE32-0AA0	16200.-	3VA1132-3GE42-0AA0	23205.-
		40	3VA1140-3EE32-0AA0	16200.-	3VA1140-3GE42-0AA0	23205.-
		50	3VA1150-3EE32-0AA0	16200.-	3VA1150-3GE42-0AA0	23205.-
		63	3VA1163-3EE32-0AA0	16200.-	3VA1163-3GE42-0AA0	23205.-
		80	3VA1180-3EE32-0AA0	16200.-	3VA1180-3GE42-0AA0	23205.-
		100	3VA1110-3EE32-0AA0	17320.-	3VA1110-3GE42-0AA0	23205.-
		125	3VA1112-3EE32-0AA0	29395.-	3VA1112-3GE42-0AA0	36200.-
3VA11	36kA	160	3VA1116-3EE32-0AA0	32430.-	3VA1116-3GE42-0AA0	42045.-
		16	3VA1196-4EE32-0AA0	20005.-	3VA1196-4GE42-0AA0	26180.-
		20	3VA1120-4EE32-0AA0	20005.-	3VA1120-4GE42-0AA0	26180.-
		25	3VA1125-4EE32-0AA0	20005.-	3VA1125-4GE42-0AA0	26180.-
		32	3VA1132-4EE32-0AA0	20005.-	3VA1132-4GE42-0AA0	26180.-
		40	3VA1140-4EE32-0AA0	20005.-	3VA1140-4GE42-0AA0	26180.-
		50	3VA1150-4EE32-0AA0	20005.-	3VA1150-4GE42-0AA0	26180.-
		63	3VA1163-4EE32-0AA0	20005.-	3VA1163-4GE42-0AA0	26180.-
		80	3VA1180-4EE32-0AA0	20005.-	3VA1180-4GE42-0AA0	26180.-
		100	3VA1110-4EE32-0AA0	20005.-	3VA1110-4GE42-0AA0	26180.-
3VA12		125	3VA1112-4EE32-0AA0	30780.-	3VA1112-4GE42-0AA0	39210.-
		160	3VA1116-4EE32-0AA0	35230.-	3VA1116-4GE42-0AA0	45720.-
		200	3VA1220-4EE32-0AA0	44440.-	3VA1220-4GE42-0AA0	54750.-
3VA13		250	3VA1225-4EE32-0AA0	47110.-	3VA1225-4GE42-0AA0	59145.-
		320	3VA1332-4EE32-0AA0	63175.-	3VA1332-4GE42-0AA0	81785.-
3VA14		400	3VA1340-4EE32-0AA0	63175.-	3VA1340-4GE42-0AA0	81785.-
		500	3VA1450-4EE32-0AA0	81535.-	3VA1450-4GE42-0AA0	105620.-
		630	3VA1463-4EE32-0AA0	81535.-	3VA1463-4GE42-0AA0	105620.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	22790.-	3VA1196-5GE42-0AA0	28805.-
		20	3VA1120-5EE32-0AA0	22790.-	3VA1120-5GE42-0AA0	28805.-
		25	3VA1125-5EE32-0AA0	22790.-	3VA1125-5GE42-0AA0	28805.-
		32	3VA1132-5EE32-0AA0	22790.-	3VA1132-5GE42-0AA0	28805.-
		40	3VA1140-5EE32-0AA0	22790.-	3VA1140-5GE42-0AA0	28805.-
		50	3VA1150-5EE32-0AA0	22790.-	3VA1150-5GE42-0AA0	28805.-
		63	3VA1163-5EE32-0AA0	22790.-	3VA1163-5GE42-0AA0	28805.-
		80	3VA1180-5EE32-0AA0	22790.-	3VA1180-5GE42-0AA0	28805.-
		100	3VA1110-5EE32-0AA0	22790.-	3VA1110-5GE42-0AA0	28805.-
		125	3VA1112-5EE32-0AA0	35795.-	3VA1112-5GE42-0AA0	42990.-
3VA12		160	3VA1116-5EE32-0AA0	38725.-	3VA1116-5GE42-0AA0	49980.-
		200	3VA1220-5EE32-0AA0	46275.-	3VA1220-5GE42-0AA0	56515.-
		250	3VA1225-5EE32-0AA0	49060.-	3VA1225-5GE42-0AA0	62160.-
3VA13		320	3VA1332-5EE32-0AA0	72035.-	3VA1332-5GE42-0AA0	90235.-
		400	3VA1340-5EE32-0AA0	72035.-	3VA1340-5GE42-0AA0	90235.-
3VA14		500	3VA1450-5EE32-0AA0	93165.-	3VA1450-5GE42-0AA0	116385.-
		630	3VA1463-5EE32-0AA0	93165.-	3VA1463-5GE42-0AA0	116385.-
3VA15		800*	3VA1580-5EF32-0AA0	139190.-	3VA1580-5GF42-0AA0	180380.-
		1000*	3VA1510-5EF32-0AA0	194450.-	3VA1510-5GF42-0AA0	252325.-
3VA11	70kA	16	3VA1196-6EE32-0AA0	31185.-	3VA1196-6GE42-0AA0	39195.-
		20	3VA1120-6EE32-0AA0	31185.-	3VA1120-6GE42-0AA0	39195.-
		25	3VA1125-6EE32-0AA0	31185.-	3VA1125-6GE42-0AA0	39195.-
		32	3VA1132-6EE32-0AA0	31185.-	3VA1132-6GE42-0AA0	39195.-
		40	3VA1140-6EE32-0AA0	31185.-	3VA1140-6GE42-0AA0	39195.-
		50	3VA1150-6EE32-0AA0	31185.-	3VA1150-6GE42-0AA0	39195.-
		63	3VA1163-6EE32-0AA0	31185.-	3VA1163-6GE42-0AA0	39195.-
		80	3VA1180-6EE32-0AA0	31185.-	3VA1180-6GE42-0AA0	39195.-
		100	3VA1110-6EE32-0AA0	31185.-	3VA1110-6GE42-0AA0	39195.-
		125	3VA1112-6EE32-0AA0	57985.-	3VA1112-6GE42-0AA0	62175.-
3VA12		160	3VA1116-6EE32-0AA0	57985.-	3VA1116-6GE42-0AA0	62175.-
		200	3VA1220-6EE32-0AA0	62405.-	3VA1220-6GE42-0AA0	80305.-
		250	3VA1225-6EE32-0AA0	69940.-	3VA1225-6GE42-0AA0	80305.-
3VA13		320	3VA1332-6EE32-0AA0	78955.-	3VA1332-6GE42-0AA0	102070.-
		400	3VA1340-6EE32-0AA0	78955.-	3VA1340-6GE42-0AA0	102070.-
3VA14		500	3VA1450-6EE32-0AA0	112235.-	3VA1450-6GE42-0AA0	145515.-
		630	3VA1463-6EE32-0AA0	112235.-	3VA1463-6GE42-0AA0	145515.-
3VA15		800*	3VA1580-6EF32-0AA0	153275.-	3VA1580-6GF42-0AA0	198630.-
		1000*	3VA1510-6EF32-0AA0	213740.-	3VA1510-6GF42-0AA0	277855.-

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*	20960.-	3VA1181-6MG32-0AA0*	25740.-
	2	3VA1102-5MG32-0AA0*	20960.-	3VA1102-6MG32-0AA0*	25740.-
	4	3VA1104-5MG32-0AA0*	20960.-	3VA1104-6MG32-0AA0*	25740.-
	8	3VA1108-5MG32-0AA0*	20960.-	3VA1108-6MG32-0AA0*	25740.-
	12.5	3VA1192-5MG32-0AA0*	20960.-	3VA1192-6MG32-0AA0*	25740.-
	20	3VA1120-5MH32-0AA0	20960.-	3VA1120-6MH32-0AA0	25740.-
	32	3VA1132-5MH32-0AA0	25035.-	3VA1132-6MH32-0AA0	26980.-
	40	3VA1140-5MH32-0AA0	25035.-	3VA1140-6MH32-0AA0	26980.-
	50	3VA1150-5MH32-0AA0	25035.-	3VA1150-6MH32-0AA0	26980.-
	63	3VA1163-5MH32-0AA0	25035.-	3VA1163-6MH32-0AA0	26980.-
	80	3VA1180-5MH32-0AA0	25035.-	3VA1180-6MH32-0AA0	26980.-
	100	3VA1110-5MH32-0AA0	25035.-	3VA1110-6MH32-0AA0	26980.-
	125	3VA1112-5MH32-0AA0	35915.-	3VA1112-6MH32-0AA0	38820.-
3VA12	160	3VA1216-5MH32-0AA0	37685.-	3VA1216-6MH32-0AA0	53700.-
	200	3VA1220-5MH32-0AA0	51830.-	3VA1220-6MH32-0AA0	63605.-
3VA13	250	3VA1325-5MH32-0AA0	56555.-	3VA1325-6MH32-0AA0	64370.-
	320	3VA1332-5MH32-0AA0	77605.-	3VA1332-6MH32-0AA0	88435.-
3VA14	400	3VA1440-5MH32-0AA0	88835.-	3VA1440-6MH32-0AA0	92820.-
	500	3VA1450-5MH32-0AA0	102265.-	3VA1450-6MH32-0AA0	116110.-
3VA15	630	3VA1563-5MH32-0AA0	117895.-	3VA1563-6MH32-0AA0	128435.-
	800	3VA1580-5MH32-0AA0	156600.-	3VA1580-6MH32-0AA0	172440.-

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

& Fixed magnetic trip unit

SETRON 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	17590.-	3VA1163-1AA42-0AA0	25995.-
		100	3VA1110-1AA32-0AA0	17590.-	3VA1110-1AA42-0AA0	25995.-
		125	3VA1112-1AA32-0AA0	35985.-	3VA1112-1AA42-0AA0	47975.-
		160	3VA1116-1AA32-0AA0	35985.-	3VA1116-1AA42-0AA0	47975.-
3VA12	NA	250	3VA1225-1AA32-0AA0	35985.-	3VA1225-1AA42-0AA0	47975.-
3VA13	NA	400	3VA1340-1AA32-0AA0	46410.-	3VA1340-1AA42-0AA0	60350.-

NA - Not Applicable

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

Earth fault monitoring relay

Description	Type	Unit LP* ₹
Earth fault monitoring relay	7UG0861-1BU20	6720.-
CBCT for EFR: 160 frame	3P	2320.-
Suitable for 3VA1 up to 160A	4P	2645.-
CBCT for EFR: 250 frame	3P	2800.-
Suitable for 3VA1 250A, 3VA2 up to 160A/250A	4P	3300.-
CBCT for EFR: 630 frame	3P	4125.-
Suitable for 3VA1/3VA2 400A/ 630A	4P	4470.-



Earth leakage monitoring relay

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	6500.-
	230VAC	7UG0842-1CD20	6570.-
CBCT for ELR	35 mm dia	7UG0996	2365.-
	70 mm dia	7UG0997	2705.-
	120 mm dia	7UG0999	4605.-
	210 mm dia	7UG0994	8855.-
	310 mm dia	7UG0995	13200.-



Note: Order 1 no of shunt trip release for MCCB separately 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

Condition monitoring with the 3VA moulded case circuit breaker.

As simple as that.

Inbuilt
in ETU5

www.siemens.co.in

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



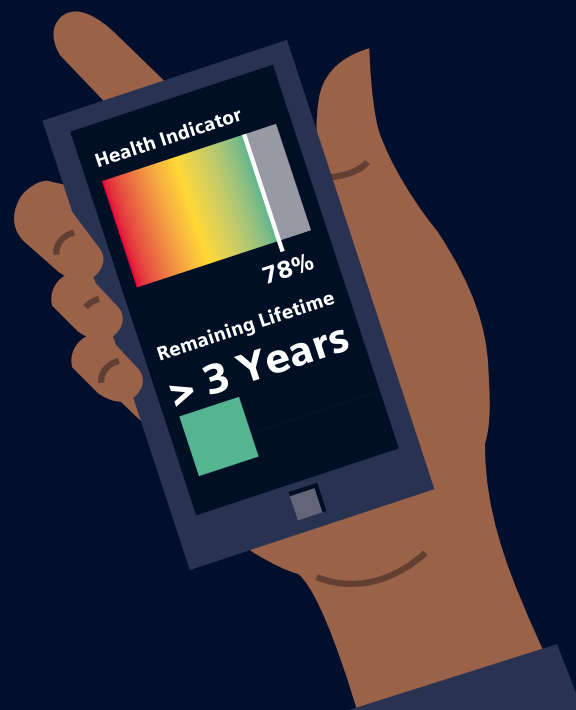
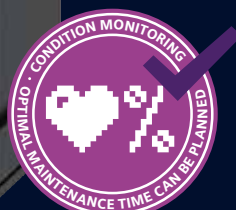
Reduced time and costs for
maintenance



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 - Flying on the wings of technology

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	38145.-	3VA2025-4HL42-0AA0	49180.-
		40	3VA2040-4HL32-0AA0	38145.-	3VA2040-4HL42-0AA0	49180.-
		63	3VA2063-4HL32-0AA0	38145.-	3VA2063-4HL42-0AA0	49180.-
		100	3VA2010-4HL32-0AA0	38145.-	3VA2010-4HL42-0AA0	49180.-
		160	3VA2116-4HL32-0AA0	51575.-	3VA2116-4HL42-0AA0	71985.-
		250	3VA2225-4HL32-0AA0	70780.-	3VA2225-4HL42-0AA0	95975.-
		400	3VA2340-4HL32-0AA0	94570.-	3VA2340-4HL42-0AA0	124470.-
		630	3VA2463-4HL32-0AA0	98315.-	3VA2463-4HL42-0AA0	130280.-
3VA20	55kA	25	3VA2025-5HL32-0AA0	48515.-	3VA2025-5HL42-0AA0	66455.-
		40	3VA2040-5HL32-0AA0	48515.-	3VA2040-5HL42-0AA0	66455.-
		63	3VA2063-5HL32-0AA0	48515.-	3VA2063-5HL42-0AA0	66455.-
		100	3VA2010-5HL32-0AA0	48515.-	3VA2010-5HL42-0AA0	66455.-
		160	3VA2116-5HL32-0AA0	61490.-	3VA2116-5HL42-0AA0	79625.-
		250	3VA2225-5HL32-0AA0	80340.-	3VA2225-5HL42-0AA0	106075.-
		400	3VA2340-5HL32-0AA0	101965.-	3VA2340-5HL42-0AA0	133630.-
		630	3VA2463-5HL32-0AA0	125255.-	3VA2463-5HL42-0AA0	139880.-
3VA25		800	3VA2580-5HL32-0AA0	183145.-	3VA2580-5HL42-0AA0	234280.-
		1000	3VA2510-5HL32-0AA0	242675.-	3VA2510-5HL42-0AA0	323980.-
3VA26		1250	3VA2612-5HL32-0AA0	344065.-	3VA2612-5HL42-0AA0	459440.-
3VA20	85kA	25	3VA2025-6HL32-0AA0	63420.-	3VA2025-6HL42-0AA0	78570.-
		40	3VA2040-6HL32-0AA0	63420.-	3VA2040-6HL42-0AA0	78570.-
		63	3VA2063-6HL32-0AA0	63420.-	3VA2063-6HL42-0AA0	78570.-
		100	3VA2010-6HL32-0AA0	63420.-	3VA2010-6HL42-0AA0	78570.-
		160	3VA2116-6HL32-0AA0	83160.-	3VA2116-6HL42-0AA0	106160.-
		250	3VA2225-6HL32-0AA0	92360.-	3VA2225-6HL42-0AA0	134500.-
		400	3VA2340-6HL32-0AA0	115895.-	3VA2340-6HL42-0AA0	152180.-
		630	3VA2463-6HL32-0AA0	138455.-	3VA2463-6HL42-0AA0	184740.-
3VA25		800	3VA2580-6HL32-0AA0	201360.-	3VA2580-6HL42-0AA0	267840.-
		1000	3VA2510-6HL32-0AA0	277525.-	3VA2510-6HL42-0AA0	370450.-
3VA26		1250	3VA2612-6HL32-0AA0	393215.-	3VA2612-6HL42-0AA0	526340.-

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	52540.-	3VA2025-4HM42-0AA0	64775.-
		40	3VA2040-4HM32-0AA0	52540.-	3VA2040-4HM42-0AA0	64775.-
		63	3VA2063-4HM32-0AA0	52540.-	3VA2063-4HM42-0AA0	64775.-
		100	3VA2010-4HM32-0AA0	52540.-	3VA2010-4HM42-0AA0	64775.-
3VA21		160	3VA2116-4HM32-0AA0	66455.-	3VA2116-4HM42-0AA0	82765.-
3VA22		250	3VA2225-4HM32-0AA0	83990.-	3VA2225-4HM42-0AA0	105570.-
3VA23		400	3VA2340-4HM32-0AA0	112960.-	3VA2340-4HM42-0AA0	142475.-
3VA24		630	3VA2463-4HM32-0AA0	124250.-	3VA2463-4HM42-0AA0	156695.-
3VA20	55kA	25	3VA2025-5HM32-0AA0	59890.-	3VA2025-5HM42-0AA0	68630.-
		40	3VA2040-5HM32-0AA0	59890.-	3VA2040-5HM42-0AA0	68630.-
		63	3VA2063-5HM32-0AA0	59890.-	3VA2063-5HM42-0AA0	68630.-
		100	3VA2010-5HM32-0AA0	61125.-	3VA2010-5HM42-0AA0	71730.-
3VA21		160	3VA2116-5HM32-0AA0	82350.-	3VA2116-5HM42-0AA0	98820.-
3VA22		250	3VA2225-5HM32-0AA0	100425.-	3VA2225-5HM42-0AA0	125345.-
3VA23		400	3VA2340-5HM32-0AA0	121270.-	3VA2340-5HM42-0AA0	152970.-
3VA24		630	3VA2463-5HM32-0AA0	133425.-	3VA2463-5HM42-0AA0	168235.-
3VA25		800	3VA2580-5HM32-0AA0	193615.-	3VA2580-5HM42-0AA0	251710.-
		1000	3VA2510-5HM32-0AA0	260100.-	3VA2510-5HM42-0AA0	341415.-
3VA26		1250	3VA2612-5HM32-0AA0	363855.-	3VA2612-5HM42-0AA0	480600.-
3VA20	85kA	25	3VA2025-6HM32-0AA0	74780.-	3VA2025-6HM42-0AA0	90945.-
		40	3VA2040-6HM32-0AA0	74780.-	3VA2040-6HM42-0AA0	90945.-
		63	3VA2063-6HM32-0AA0	74780.-	3VA2063-6HM42-0AA0	90945.-
		100	3VA2010-6HM32-0AA0	74780.-	3VA2010-6HM42-0AA0	90945.-
3VA21		160	3VA2116-6HM32-0AA0	95275.-	3VA2116-6HM42-0AA0	119590.-
3VA22		250	3VA2225-6HM32-0AA0	111585.-	3VA2225-6HM42-0AA0	156555.-
3VA23		400	3VA2340-6HM32-0AA0	135205.-	3VA2340-6HM42-0AA0	171490.-
3VA24		630	3VA2463-6HM32-0AA0	148715.-	3VA2463-6HM42-0AA0	188660.-
3VA25		800	3VA2580-6HM32-0AA0	218150.-	3VA2580-6HM42-0AA0	285270.-
		1000	3VA2510-6HM32-0AA0	294305.-	3VA2510-6HM42-0AA0	387875.-
3VA26		1250	3VA2612-6HM32-0AA0	413695.-	3VA2612-6HM42-0AA0	547490.-

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)	2840.-	3VA9988-0AA12 (1 C/O)	2840.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	4390.-	3VA9988-0AB12 (1 C/O)	4390.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	2340.- 2340.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA9988-0AB22	2340.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz	3VA9908-0BB24	6720.-	3VA9908-0BB24	6720.-
208-230 V AC 50/60 Hz	3VA9908-0BB25	6720.-	3VA9908-0BB25	6720.-
380-400 V AC 50/60 Hz	3VA9908-0BB26	6720.-	3VA9908-0BB26	6720.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz	3VA9988-0BA22	5060.-	3VA9988-0BA22	5060.-
208-277 V AC 50/60 Hz	3VA9988-0BA23	5060.-	3VA9988-0BA23	5060.-
380-500 V AC 50/60 Hz	3VA9988-0BA24	5060.-	3VA9988-0BA24	5060.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz	3VA9988-0BL32	5060.-	3VA9988-0BL32	5060.-
208-277 V AC 50/60 Hz	3VA9988-0BL33	5060.-	3VA9988-0BL33	5060.-
380-500 V AC 50/60 Hz	3VA9988-0BL20	5060.-	3VA9988-0BL20	5060.-
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)	3315.- 3485.- 5460.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A) -	3485.- 5460.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	14515.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	14515.-
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)	8665.- 9530.- 12110.- 15940.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	9530.- 12110.- 15940.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	6795.- 6795.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	6795.- 6795.-
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)	8665.- 8995.- 10160.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	9530.- 10160.-
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)	2645.- 3485.- 7525.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	3485.- 7525.-
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)	29080.- 38055.- 44935.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	38055.- 44935.-
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)	1395.- 1780.- 1740.- 2310.- 2330.- 3020.-	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)	1880.- 2450.- 2330.- 3020.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	7980.- 10660.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	7980.- 10660.-
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)	2970.- 4015.- 3795.- 5080.- 6165.- 8220.-	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)	3795.- 5080.- 6165.- 8220.-
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)	565.- 565.- 1335.- 1340.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	565.- 1335.- 1340.-
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



SETRON 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/ LSI 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

SETRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz ⁵ (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	367375.-	3VA2712-5AB13-0AA0	494120.-
		1600	3VA2716-5AB03-0AA0	508440.-	3VA2716-5AB13-0AA0	684215.-
	85kA	1250	3VA2712-6AB03-0AA0	403585.-	3VA2712-6AB13-0AA0	543140.-
		1600	3VA2716-6AB03-0AA0	558225.-	3VA2716-6AB13-0AA0	752105.-

SETRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSI, Ics = 100% Icu, 415VAC, 50Hz ⁵ (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	397550.-	3VA2712-5AD13-0AA0	523530.-
		1600	3VA2716-5AD03-0AA0	537855.-	3VA2716-5AD13-0AA0	713625.-
	85kA	1250	3VA2712-6AD03-0AA0	433005.-	3VA2712-6AD13-0AA0	573315.-
		1600	3VA2716-6AD03-0AA0	587660.-	3VA2716-6AD13-0AA0	784535.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	6555.-	1
	Alarm switch (TAS)	3VW9011-0AH14	3235.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	15080.- 15080.-	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	16320.- 16320.- 16320.-	1
	Extended Door Mounted Rotary Operator [^] (Standard - Gray)	3VW9727-0FK21	14515.-	1

⁵ 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



One system. Worldwide application.

The 3VA moulded case circuit breaker with UL certification

We have good news for machine and switchgear manufacturers who export worldwide: The 3VA5 and 3VA6 series of our 3VA moulded case circuit breakers with UL certification comply with the UL 489 standard as well as the IEC 60947 standard. All the functionalities of this modular and highly variable moulded case circuit breaker system can be used in plants that are operated, for example, in North America or Europe. The 3VA moulded case circuit breaker: One system. Worldwide application.

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SIEMENS



3VM moulded case circuit breaker



Efficient. Powerful.

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole options
- Breaking Capacity: 16kA to 55kA
- Fixed mounted, Plug-in version available
- Thermal Magnetic Trip Units (FTFM, ATFM, FM & AM)
- Available up to 500Vac / 500Vdc applications
- Universal platform of accessories across all sizes
- Type-2 coordination chart available for motor application

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Certifications:

- Lloyd's Register (LR)
- Det Norske Veritas (DNV)
- Bureau Veritas (BV)
- American Bureau of Shipping (ABS)
- Russian Maritime Register of Shipping (RMRS)
- UK Declaration of Conformity
- EU Declaration of Conformity

SIEMENS

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	11050.-	3VM1096-2ED42-0AA0	14320.-
		20	3VM1020-2ED32-0AA0	11050.-	3VM1020-2ED42-0AA0	14320.-
		25	3VM1025-2ED32-0AA0	11050.-	3VM1025-2ED42-0AA0	14320.-
		32	3VM1032-2ED32-0AA0	11050.-	3VM1032-2ED42-0AA0	14320.-
		40	3VM1040-2ED32-0AA0	11050.-	3VM1040-2ED42-0AA0	14320.-
		50	3VM1050-2ED32-0AA0	11050.-	3VM1050-2ED42-0AA0	14320.-
		63	3VM1063-2ED32-0AA0	11050.-	3VM1063-2ED42-0AA0	14320.-
		80	3VM1080-2ED32-0AA0	12075.-	3VM1080-2ED42-0AA0	15680.-
		100	3VM1010-2ED32-0AA0	13105.-	3VM1010-2ED42-0AA0	17075.-
3VM10	25kA	16	3VM1096-3ED32-0AA0	11450.-	3VM1096-3ED42-0AA0	14950.-
		20	3VM1020-3ED32-0AA0	11450.-	3VM1020-3ED42-0AA0	14950.-
		25	3VM1025-3ED32-0AA0	11450.-	3VM1025-3ED42-0AA0	14950.-
		32	3VM1032-3ED32-0AA0	11450.-	3VM1032-3ED42-0AA0	14950.-
		40	3VM1040-3ED32-0AA0	11450.-	3VM1040-3ED42-0AA0	14950.-
		50	3VM1050-3ED32-0AA0	11450.-	3VM1050-3ED42-0AA0	14950.-
		63	3VM1063-3ED32-0AA0	11450.-	3VM1063-3ED42-0AA0	14950.-
		80	3VM1080-3ED32-0AA0	12470.-	3VM1080-3ED42-0AA0	16215.-
		100	3VM1010-3ED32-0AA0	13390.-	3VM1010-3ED42-0AA0	17425.-
3VM11		125	3VM1112-3ED32-0AA0	17160.-	3VM1112-3ED42-0AA0	22660.-
		160	3VM1116-3ED32-0AA0	22385.-	3VM1116-3ED42-0AA0	28350.-

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	12080.-	3VM1196-4GD42-0AA0	16725.-
		20	3VM1120-4ED32-0AA0	12080.-	3VM1120-4GD42-0AA0	16725.-
		25	3VM1125-4ED32-0AA0	12080.-	3VM1125-4GD42-0AA0	16725.-
		32	3VM1132-4ED32-0AA0	12080.-	3VM1132-4GD42-0AA0	16725.-
		40	3VM1140-4ED32-0AA0	12080.-	3VM1140-4GD42-0AA0	16725.-
		50	3VM1150-4ED32-0AA0	12080.-	3VM1150-4GD42-0AA0	16725.-
		63	3VM1163-4ED32-0AA0	12080.-	3VM1163-4GD42-0AA0	16725.-
		80	3VM1180-4ED32-0AA0	12690.-	3VM1180-4GD42-0AA0	18345.-
		100	3VM1110-4ED32-0AA0	14725.-	3VM1110-4GD42-0AA0	21200.-
		125	3VM1112-4ED32-0AA0	25850.-	3VM1112-4GD42-0AA0	33605.-
		160	3VM1116-4ED32-0AA0	28555.-	3VM1116-4GD42-0AA0	37135.-
3VM12		200	3VM1220-4ED32-0AA0	30680.-	3VM1220-4GD42-0AA0	37975.-
		250	3VM1225-4ED32-0AA0	40920.-	3VM1225-4GD42-0AA0	48215.-
3VM13		320	3VM1332-4ED32-0AA0	55515.-	3VM1332-4GD42-0AA0	68640.-
		400	3VM1340-4ED32-0AA0	56975.-	3VM1340-4GD42-0AA0	70110.-
3VM14		500	3VM1450-4ED32-0AA0	62675.-	3VM1450-4GD42-0AA0	75815.-
		630	3VM1463-4ED32-0AA0	62675.-	3VM1463-4GD42-0AA0	75815.-

^ 3VM11 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

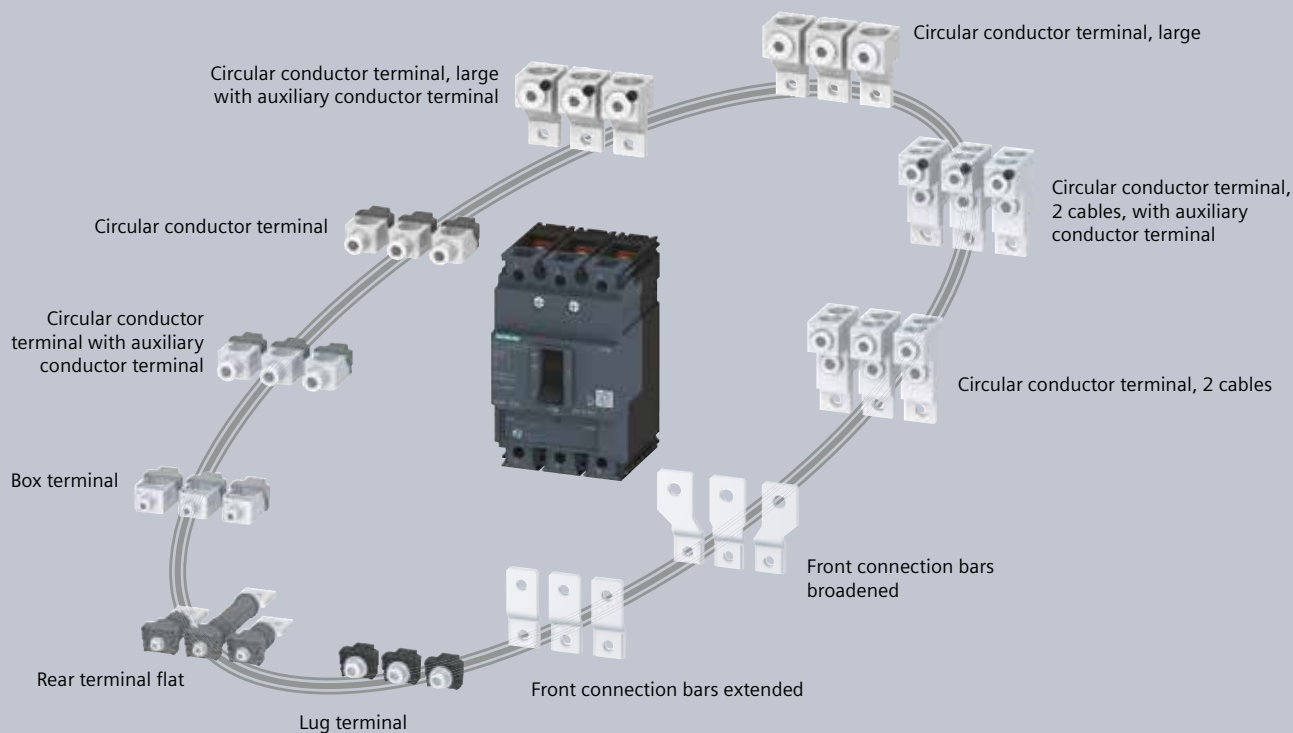
* LP - List Price

® MRP - Max. Retail Price

SETRON 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	13890.-	3VM1196-5GD42-0AA0	18020.-
		20	3VM1120-5ED32-0AA0	13890.-	3VM1120-5GD42-0AA0	18020.-
		25	3VM1125-5ED32-0AA0	13890.-	3VM1125-5GD42-0AA0	18020.-
		32	3VM1132-5ED32-0AA0	13890.-	3VM1132-5GD42-0AA0	18020.-
		40	3VM1140-5ED32-0AA0	13890.-	3VM1140-5GD42-0AA0	18020.-
		50	3VM1150-5ED32-0AA0	13890.-	3VM1150-5GD42-0AA0	18020.-
		63	3VM1163-5ED32-0AA0	13890.-	3VM1163-5GD42-0AA0	18020.-
		80	3VM1180-5ED32-0AA0	15220.-	3VM1180-5GD42-0AA0	19780.-
		100	3VM1110-5ED32-0AA0	17630.-	3VM1110-5GD42-0AA0	22885.-
		125	3VM1112-5ED32-0AA0	28410.-	3VM1112-5GD42-0AA0	36935.-
		160	3VM1116-5ED32-0AA0	31385.-	3VM1116-5GD42-0AA0	40835.-
3VM12	55kA	200	3VM1220-5ED32-0AA0	33950.-	3VM1220-5GD42-0AA0	43020.-
		250	3VM1225-5ED32-0AA0	44190.-	3VM1225-5GD42-0AA0	53265.-
3VM13		320	3VM1332-5ED32-0AA0	60195.-	3VM1332-5GD42-0AA0	72255.-
		400	3VM1340-5ED32-0AA0	61675.-	3VM1340-5GD42-0AA0	73730.-
3VM14		500	3VM1450-5ED32-0AA0	67360.-	3VM1450-5GD42-0AA0	79420.-
		630	3VM1463-5ED32-0AA0	67360.-	3VM1463-5GD42-0AA0	79420.-

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	13605.-	3VM1196-3GE42-0AA0	20500.-
		20	3VM1120-3EE32-0AA0	13605.-	3VM1120-3GE42-0AA0	20500.-
		25	3VM1125-3EE32-0AA0	13605.-	3VM1125-3GE42-0AA0	20500.-
		32	3VM1132-3EE32-0AA0	13605.-	3VM1132-3GE42-0AA0	20500.-
		40	3VM1140-3EE32-0AA0	13605.-	3VM1140-3GE42-0AA0	20500.-
		50	3VM1150-3EE32-0AA0	13605.-	3VM1150-3GE42-0AA0	20500.-
		63	3VM1163-3EE32-0AA0	13605.-	3VM1163-3GE42-0AA0	20500.-
		80	3VM1180-3EE32-0AA0	13605.-	3VM1180-3GE42-0AA0	20500.-
		100	3VM1110-3EE32-0AA0	13605.-	3VM1110-3GE42-0AA0	20500.-
		125	3VM1112-3EE32-0AA0	17555.-	3VM1112-3GE42-0AA0	24025.-
		160	3VM1116-3EE32-0AA0	24155.-	3VM1116-3GE42-0AA0	30750.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	17600.-	3VM1196-4GE42-0AA0	23025.-
		20	3VM1120-4EE32-0AA0	17600.-	3VM1120-4GE42-0AA0	23025.-
		25	3VM1125-4EE32-0AA0	17600.-	3VM1125-4GE42-0AA0	23025.-
		32	3VM1132-4EE32-0AA0	17600.-	3VM1132-4GE42-0AA0	23025.-
		40	3VM1140-4EE32-0AA0	17600.-	3VM1140-4GE42-0AA0	23025.-
		50	3VM1150-4EE32-0AA0	17600.-	3VM1150-4GE42-0AA0	23025.-
		63	3VM1163-4EE32-0AA0	17600.-	3VM1163-4GE42-0AA0	23025.-
		80	3VM1180-4EE32-0AA0	17600.-	3VM1180-4GE42-0AA0	23025.-
		100	3VM1110-4EE32-0AA0	17600.-	3VM1110-4GE42-0AA0	23025.-
		125	3VM1112-4EE32-0AA0	27080.-	3VM1112-4GE42-0AA0	34485.-
		160	3VM1116-4EE32-0AA0	29340.-	3VM1116-4GE42-0AA0	38095.-
3VM12	36kA	200	3VM1220-4EE32-0AA0	42440.-	3VM1220-4GE42-0AA0	49530.-
250		3VM1225-4EE32-0AA0	42440.-	3VM1225-4GE42-0AA0	49530.-	
3VM13		320	3VM1332-4EE32-0AA0	56815.-	3VM1332-4GE42-0AA0	69555.-
400		3VM1340-4EE32-0AA0	57340.-	3VM1340-4GE42-0AA0	69555.-	
3VM14		500	3VM1450-4EE32-0AA0	64900.-	3VM1450-4GE42-0AA0	77635.-
630		3VM1463-4EE32-0AA0	64900.-	3VM1463-4GE42-0AA0	77635.-	
3VM11	55kA	16	3VM1196-5EE32-0AA0	20050.-	3VM1196-5GE42-0AA0	25330.-
		20	3VM1120-5EE32-0AA0	20050.-	3VM1120-5GE42-0AA0	25330.-
		25	3VM1125-5EE32-0AA0	20050.-	3VM1125-5GE42-0AA0	25330.-
		32	3VM1132-5EE32-0AA0	20050.-	3VM1132-5GE42-0AA0	25330.-
		40	3VM1140-5EE32-0AA0	20050.-	3VM1140-5GE42-0AA0	25330.-
		50	3VM1150-5EE32-0AA0	20050.-	3VM1150-5GE42-0AA0	25330.-
		63	3VM1163-5EE32-0AA0	20050.-	3VM1163-5GE42-0AA0	25330.-
		80	3VM1180-5EE32-0AA0	20050.-	3VM1180-5GE42-0AA0	25330.-
		100	3VM1110-5EE32-0AA0	20050.-	3VM1110-5GE42-0AA0	25330.-
		125	3VM1112-5EE32-0AA0	31475.-	3VM1112-5GE42-0AA0	37810.-
		160	3VM1116-5EE32-0AA0	32270.-	3VM1116-5GE42-0AA0	41645.-
3VM12	55kA	200	3VM1220-5EE32-0AA0	45610.-	3VM1220-5GE42-0AA0	54420.-
250		3VM1225-5EE32-0AA0	45610.-	3VM1225-5GE42-0AA0	54420.-	
3VM13		320	3VM1332-5EE32-0AA0	61365.-	3VM1332-5GE42-0AA0	73065.-
3VM14	55kA	400	3VM1340-5EE32-0AA0	61940.-	3VM1340-5GE42-0AA0	73065.-
		500	3VM1450-5EE32-0AA0	69435.-	3VM1450-5GE42-0AA0	81140.-
		630	3VM1463-5EE32-0AA0	69435.-	3VM1463-5GE42-0AA0	81140.-

Std. Pkg. = 1 unit

* LP - List Price

SETRON 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	17460.-
	12.5 ¹⁾	3VM1192-5MG32-0AA0	17460.-
	20	3VM1120-5MH32-0AA0	17460.-
	32	3VM1132-5MH32-0AA0	20865.-
	40	3VM1140-5MH32-0AA0	20865.-
	50	3VM1150-5MH32-0AA0	20865.-
	63	3VM1163-5MH32-0AA0	20865.-
	80	3VM1180-5MH32-0AA0	20865.-
	100	3VM1110-5MH32-0AA0	20865.-
	125	3VM1112-5MH32-0AA0	31055.-
3VM12	160	3VM1216-5MH32-0AA0	31055.-
	200	3VM1220-5MH32-0AA0	47110.-
3VM13	250	3VM1325-5MH32-0AA0	47110.-
	320	3VM1332-5MH32-0AA0	67505.-
3VM14	400	3VM1440-5MH32-0AA0	67505.-
	500	3VM1450-5MH32-0AA0	74820.-



Please refer recommended Type-2 coordination chart.

SETRON 3VM, Switch Disconnecter (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	13035.-	3VM1163-1AA42-0AA0	19255.-
	100	3VM1110-1AA32-0AA0	13035.-	3VM1110-1AA42-0AA0	19255.-
	125	3VM1112-1AA32-0AA0	19010.-	3VM1112-1AA42-0AA0	23930.-
	160	3VM1116-1AA32-0AA0	19010.-	3VM1116-1AA42-0AA0	23930.-
3VM12	250	3VM1225-1AA32-0AA0	31640.-	3VM1225-1AA42-0AA0	42200.-
3VM13	400	3VM1340-1AA32-0AA0	40820.-	3VM1340-1AA42-0AA0	53080.-

¹⁾ Fixed magnetic

3VM Plug in Portfolio

16A-630A, 3P & 4P



3VM MCCB



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.

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	5085.-	3VM1196-3ED22-0AA0	9115.-
		20	3VM1120-3ED12-0AA0	5085.-	3VM1120-3ED22-0AA0	9115.-
		25	3VM1125-3ED12-0AA0	5085.-	3VM1125-3ED22-0AA0	9115.-
		32	3VM1132-3ED12-0AA0	5085.-	3VM1132-3ED22-0AA0	9115.-
		40	3VM1140-3ED12-0AA0	5085.-	3VM1140-3ED22-0AA0	9115.-
		50	3VM1150-3ED12-0AA0	5085.-	3VM1150-3ED22-0AA0	9115.-
		63	3VM1163-3ED12-0AA0	5085.-	3VM1163-3ED22-0AA0	9115.-
		80	3VM1180-3ED12-0AA0	5590.-	3VM1180-3ED22-0AA0	9985.-
		100	3VM1110-3ED12-0AA0	6450.-	3VM1110-3ED22-0AA0	11700.-
		125	3VM1112-3ED12-0AA0	10420.-	3VM1112-3ED22-0AA0	18935.-
		160	3VM1116-3ED12-0AA0	12145.-	3VM1116-3ED22-0AA0	21865.-
3VM11	36kA ¹⁾	16	3VM1196-4ED12-0AA0	5500.-	3VM1196-4ED22-0AA0	9985.-
		20	3VM1120-4ED12-0AA0	5500.-	3VM1120-4ED22-0AA0	9985.-
		25	3VM1125-4ED12-0AA0	5500.-	3VM1125-4ED22-0AA0	9985.-
		32	3VM1132-4ED12-0AA0	5500.-	3VM1132-4ED22-0AA0	9985.-
		40	3VM1140-4ED12-0AA0	5500.-	3VM1140-4ED22-0AA0	9985.-
		50	3VM1150-4ED12-0AA0	5500.-	3VM1150-4ED22-0AA0	9985.-
		63	3VM1163-4ED12-0AA0	5500.-	3VM1163-4ED22-0AA0	9985.-
		80	3VM1180-4ED12-0AA0	6110.-	3VM1180-4ED22-0AA0	11025.-
		100	3VM1110-4ED12-0AA0	6580.-	3VM1110-4ED22-0AA0	12735.-
		125	3VM1112-4ED12-0AA0	11295.-	3VM1112-4ED22-0AA0	20305.-
		160	3VM1116-4ED12-0AA0	13165.-	3VM1116-4ED22-0AA0	23755.-

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	6720.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	2320.-
	4P	7UG09911	2645.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	2800.-
	4P	7UG09913	3300.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	4125.-
	4P	7UG09915	4470.-

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	6500.-
	230VAC	7UG0842-1CD20	6570.-
CBCT for ELR	35 mm dia	7UG0996	2365.-
	70 mm dia	7UG0997	2705.-
	120 mm dia	7UG0999	4605.-
	210 mm dia	7UG0994	8855.-
	310 mm dia	7UG0995	13200.-

Note: Order 1 no of shunt trip release for MCCB separately 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)	2190.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	2190.-
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	4885.-
3VM9908-0BB12	UVR 48V DC	4885.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	4885.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	4885.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	4885.-
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	3960.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	3960.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	3960.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	3960.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	3960.-

External Accessories:

MLFB	Description	Unit LP* ₹
Rotary Handles ¹⁾		
3VM9117-0FK51*	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	2680.-
3VM9217-0FK51*	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	3380.-
3VM9417-0FK51*	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	3815.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	3130.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	4105.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	4530.-
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	1405.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	1795.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	1755.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	2330.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	2350.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	3050.-
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	1180.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	1575.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	1590.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	2070.-
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	920.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	1280.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	1280.-
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	2435.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	3205.-
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	6795.-



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

SINOVA THE POWER OF **SIMPLICITY**

3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit



Compact
Efficient design



Versatile
For various
applications



Reliable
Siemens trusted
quality



Operational
efficiency
Reduced
downtime

NEW



Product highlights

Range

Current rating from
160A to 630A

Ics = Icu =
55kA

Enhanced protection

Microprocessor trip units

L : Overload protection
S : Short time delayed short circuit protection
I : Instantaneous short circuit protection
G : Ground fault protection



Enhanced
protection

Microprocessor Based trip units



Color coded
Knob switches

3P, 4P
LSI, LSIg

Approbations

RoHS

IEC 60947-1
General rules

IEC 60947-2
Circuit breakers

IEC 60947-5-1

Control circuit devices and switching elements - Electromechanical control circuit devices

www.siemens.co.in

SIEMENS

SINOVA THE POWER OF **SIMPLICITY**

3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit



Compact
Efficient design



Versatile
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Reliable
Siemens trusted
quality



Operational
efficiency
Reduced
downtime



www.siemens.co.in

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	16	3VJ1096-0DA22-0AA0	3260.-	3VJ1096-0DA32-0AA0	4045.-	3VJ1096-0EA42-0AA0	5800.-
		20	3VJ1002-0DA22-0AA0	3260.-	3VJ1002-0DA32-0AA0	4045.-	3VJ1002-0EA42-0AA0	5800.-
		25	3VJ1092-0DA22-0AA0	3260.-	3VJ1092-0DA32-0AA0	4045.-	3VJ1092-0EA42-0AA0	5800.-
		32	3VJ1003-0DA22-0AA0	3260.-	3VJ1003-0DA32-0AA0	4045.-	3VJ1003-0EA42-0AA0	5800.-
		40	3VJ1004-0DA22-0AA0	3260.-	3VJ1004-0DA32-0AA0	4045.-	3VJ1004-0EA42-0AA0	5800.-
		50	3VJ1005-0DA22-0AA0	3260.-	3VJ1005-0DA32-0AA0	4045.-	3VJ1005-0EA42-0AA0	5800.-
		63	3VJ1006-0DA22-0AA0	3260.-	3VJ1006-0DA32-0AA0	4045.-	3VJ1006-0EA42-0AA0	5800.-
		80	3VJ1008-0DA22-0AA0	3260.-	3VJ1008-0DA32-0AA0	4045.-	3VJ1008-0EA42-0AA0	5800.-
		100	3VJ1010-0DA22-0AA0	3260.-	3VJ1010-0DA32-0AA0	4045.-	3VJ1010-0EA42-0AA0	5800.-
		125	3VJ1012-0DA22-0AA0	5035.-	3VJ1012-0DA32-0AA0	6070.-	3VJ1012-0EA42-0AA0	8695.-
	18kA	16	3VJ1096-1DA22-0AA0	4505.-	3VJ1096-1DA32-0AA0	6505.-	3VJ1096-1EA42-0AA0	8345.-
		20	3VJ1002-1DA22-0AA0	4505.-	3VJ1002-1DA32-0AA0	6505.-	3VJ1002-1EA42-0AA0	8345.-
		25	3VJ1092-1DA22-0AA0	4505.-	3VJ1092-1DA32-0AA0	6505.-	3VJ1092-1EA42-0AA0	8345.-
		32	3VJ1003-1DA22-0AA0	4505.-	3VJ1003-1DA32-0AA0	6505.-	3VJ1003-1EA42-0AA0	8345.-
		40	3VJ1004-1DA22-0AA0	4505.-	3VJ1004-1DA32-0AA0	6505.-	3VJ1004-1EA42-0AA0	8345.-
		50	3VJ1005-1DA22-0AA0	4505.-	3VJ1005-1DA32-0AA0	6505.-	3VJ1005-1EA42-0AA0	8345.-
		63	3VJ1006-1DA22-0AA0	4505.-	3VJ1006-1DA32-0AA0	6505.-	3VJ1006-1EA42-0AA0	8345.-
		80	3VJ1008-1DA22-0AA0	4505.-	3VJ1008-1DA32-0AA0	6505.-	3VJ1008-1EA42-0AA0	8345.-
		100	3VJ1010-1DA22-0AA0	4505.-	3VJ1010-1DA32-0AA0	6505.-	3VJ1010-1EA42-0AA0	8345.-
		125	3VJ1012-1DA22-0AA0	5215.-	3VJ1012-1DA32-0AA0	7460.-	3VJ1012-1EA42-0AA0	9705.-
	25kA	16	3VJ1096-3DA22-0AA0	5410.-	3VJ1096-3DA32-0AA0	7095.-	3VJ1096-3EA42-0AA0	9410.-
		20	3VJ1002-3DA22-0AA0	5410.-	3VJ1002-3DA32-0AA0	7095.-	3VJ1002-3EA42-0AA0	9410.-
		25	3VJ1092-3DA22-0AA0	5410.-	3VJ1092-3DA32-0AA0	7095.-	3VJ1092-3EA42-0AA0	9410.-
		32	3VJ1003-3DA22-0AA0	5410.-	3VJ1003-3DA32-0AA0	7095.-	3VJ1003-3EA42-0AA0	9410.-
		40	3VJ1004-3DA22-0AA0	5410.-	3VJ1004-3DA32-0AA0	7095.-	3VJ1004-3EA42-0AA0	9410.-
		50	3VJ1005-3DA22-0AA0	5410.-	3VJ1005-3DA32-0AA0	7095.-	3VJ1005-3EA42-0AA0	9410.-
		63	3VJ1006-3DA22-0AA0	5410.-	3VJ1006-3DA32-0AA0	7095.-	3VJ1006-3EA42-0AA0	9410.-
		80	3VJ1008-3DA22-0AA0	5410.-	3VJ1008-3DA32-0AA0	7095.-	3VJ1008-3EA42-0AA0	9410.-
		100	3VJ1010-3DA22-0AA0	5410.-	3VJ1010-3DA32-0AA0	7095.-	3VJ1010-3EA42-0AA0	9410.-
		125	3VJ1012-3DA22-0AA0	5410.-	3VJ1012-3DA32-0AA0	8105.-	3VJ1012-3EA42-0AA0	10345.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.



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	10985.-	3VJ1216-3DA32-0AA0	12735.-	3VJ1216-3EA42-0AA0	16755.-
		200	3VJ1220-3DA22-0AA0	11110.-	3VJ1220-3DA32-0AA0	12935.-	3VJ1220-3EA42-0AA0	18395.-
		250	3VJ1225-3DA22-0AA0	11225.-	3VJ1225-3DA32-0AA0	14555.-	3VJ1225-3EA42-0AA0	19165.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	28830.-	3VJ1332-3EA42-0AA0	37130.-
		400	–	–	3VJ1340-3DA32-0AA0	28830.-	3VJ1340-3EA42-0AA0	37130
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8325.-	3VJ1196-5DA32-0AA0	9900.-	3VJ1196-5EA42-0AA0	13080.-
		20	3VJ1102-5DA22-0AA0	8325.-	3VJ1102-5DA32-0AA0	9900.-	3VJ1102-5EA42-0AA0	13080.-
		25	3VJ1192-5DA22-0AA0	8325.-	3VJ1192-5DA32-0AA0	9900.-	3VJ1192-5EA42-0AA0	13080.-
		32	3VJ1103-5DA22-0AA0	8325.-	3VJ1103-5DA32-0AA0	9900.-	3VJ1103-5EA42-0AA0	13080.-
		40	3VJ1104-5DA22-0AA0	8325.-	3VJ1104-5DA32-0AA0	9900.-	3VJ1104-5EA42-0AA0	13080.-
		50	3VJ1105-5DA22-0AA0	8325.-	3VJ1105-5DA32-0AA0	9900.-	3VJ1105-5EA42-0AA0	13080.-
		63	3VJ1106-5DA22-0AA0	8325.-	3VJ1106-5DA32-0AA0	9900.-	3VJ1106-5EA42-0AA0	13080.-
		80	3VJ1108-5DA22-0AA0	8325.-	3VJ1108-5DA32-0AA0	10195.-	3VJ1108-5EA42-0AA0	13485.-
		100	3VJ1110-5DA22-0AA0	8325.-	3VJ1110-5DA32-0AA0	10195.-	3VJ1110-5EA42-0AA0	13485.-
		125	3VJ1112-5DA22-0AA0	8325.-	3VJ1112-5DA32-0AA0	11215.-	3VJ1112-5EA42-0AA0	14655.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	11585.-	3VJ1216-5DA32-0AA0	14260.-	3VJ1216-5EA42-0AA0	17345.-
		200	3VJ1220-5DA22-0AA0	12205.-	3VJ1220-5DA32-0AA0	17585.-	3VJ1220-5EA42-0AA0	22695.-
		250	3VJ1225-5DA22-0AA0	13775.-	3VJ1225-5DA32-0AA0	20210.-	3VJ1225-5EA42-0AA0	26010.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	29550.-	3VJ1332-5EA42-0AA0	37850.-
		400	–	–	3VJ1340-5DA32-0AA0	29550.-	3VJ1340-5EA42-0AA0	37850.-
3VJ14 (VJ1 630)	500	–	–	3VJ1450-5DA32-0AA0	44330.-	3VJ1450-5EA42-0AA0	56780.-	
	630	–	–	3VJ1463-5DA32-0AA0	44330.-	3VJ1463-5EA42-0AA0	56780.-	
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	8760.-	3VJ1196-7DA32-0AA0	12665.-	3VJ1196-7EA42-0AA0	16710.-
		20	3VJ1102-7DA22-0AA0	8760.-	3VJ1102-7DA32-0AA0	12665.-	3VJ1102-7EA42-0AA0	16710.-
		25	3VJ1192-7DA22-0AA0	8760.-	3VJ1192-7DA32-0AA0	12665.-	3VJ1192-7EA42-0AA0	16710.-
		32	3VJ1103-7DA22-0AA0	8760.-	3VJ1103-7DA32-0AA0	12665.-	3VJ1103-7EA42-0AA0	16710.-
		40	3VJ1104-7DA22-0AA0	8760.-	3VJ1104-7DA32-0AA0	12665.-	3VJ1104-7EA42-0AA0	16710.-
		50	3VJ1105-7DA22-0AA0	8760.-	3VJ1105-7DA32-0AA0	12665.-	3VJ1105-7EA42-0AA0	16710.-
		63	3VJ1106-7DA22-0AA0	8760.-	3VJ1106-7DA32-0AA0	12665.-	3VJ1106-7EA42-0AA0	16710.-
		80	3VJ1108-7DA22-0AA0	8760.-	3VJ1108-7DA32-0AA0	12665.-	3VJ1108-7EA42-0AA0	16710.-
		100	3VJ1110-7DA22-0AA0	8760.-	3VJ1110-7DA32-0AA0	12665.-	3VJ1110-7EA42-0AA0	16710.-
		125	3VJ1112-7DA22-0AA0	8760.-	3VJ1112-7DA32-0AA0	13940.-	3VJ1112-7EA42-0AA0	18380.-
3VJ12 (VJ1 250)	160	3VJ1216-7DA22-0AA0	12560.-	3VJ1216-7DA32-0AA0	17640.-	3VJ1216-7EA42-0AA0	23300.-	
	200	3VJ1220-7DA22-0AA0	12810.-	3VJ1220-7DA32-0AA0	20285.-	3VJ1220-7EA42-0AA0	26785.-	
	250	3VJ1225-7DA22-0AA0	14030.-	3VJ1225-7DA32-0AA0	23325.-	3VJ1225-7EA42-0AA0	30810.-	
3VJ13 (VJ1 400)	320	–	–	3VJ1332-7DA32-0AA0	30275.-	3VJ1332-7EA42-0AA0	38940.-	
	400	–	–	3VJ1340-7DA32-0AA0	30275.-	3VJ1340-7EA42-0AA0	38940.-	
3VJ14 (VJ1 630)	500	–	–	3VJ1450-7DA32-0AA0	45410.-	3VJ1450-7EA42-0AA0	58395.-	
	630	–	–	3VJ1463-7DA32-0AA0	45410.-	3VJ1463-7EA42-0AA0	58395.-	

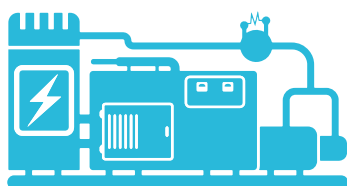
Notes:

Phase barriers are included in the standard MCCB packing

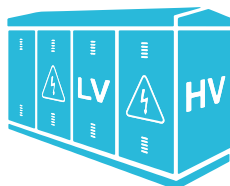
^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



Diesel Generator



Compact Substation



Utility Feeder Panel

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	16	3VJ1096-0DB32-0AA0	5155.-	3VJ1096-0EB42-0AA0	6965.-
		20	3VJ1002-0DB32-0AA0	5155.-	3VJ1002-0EB42-0AA0	6965.-
		25	3VJ1092-0DB32-0AA0	5155.-	3VJ1092-0EB42-0AA0	6965.-
		32	3VJ1003-0DB32-0AA0	5155.-	3VJ1003-0EB42-0AA0	6965.-
		40	3VJ1004-0DB32-0AA0	5155.-	3VJ1004-0EB42-0AA0	6965.-
		50	3VJ1005-0DB32-0AA0	5155.-	3VJ1005-0EB42-0AA0	6965.-
		63	3VJ1006-0DB32-0AA0	5155.-	3VJ1006-0EB42-0AA0	6965.-
		80	3VJ1008-0DB32-0AA0	5155.-	3VJ1008-0EB42-0AA0	6965.-
		100	3VJ1010-0DB32-0AA0	5155.-	3VJ1010-0EB42-0AA0	6965.-
		125	3VJ1012-0DB32-0AA0	7415.-	3VJ1012-0EB42-0AA0	10465.-
	18kA	16	3VJ1096-1DB32-0AA0	7795.-	3VJ1096-1EB42-0AA0	10005.-
		20	3VJ1002-1DB32-0AA0	7795.-	3VJ1002-1EB42-0AA0	10005.-
		25	3VJ1092-1DB32-0AA0	7795.-	3VJ1092-1EB42-0AA0	10005.-
		32	3VJ1003-1DB32-0AA0	7795.-	3VJ1003-1EB42-0AA0	10005.-
		40	3VJ1004-1DB32-0AA0	7795.-	3VJ1004-1EB42-0AA0	10005.-
		50	3VJ1005-1DB32-0AA0	7795.-	3VJ1005-1EB42-0AA0	10005.-
		63	3VJ1006-1DB32-0AA0	7795.-	3VJ1006-1EB42-0AA0	10005.-
		80	3VJ1008-1DB32-0AA0	7795.-	3VJ1008-1EB42-0AA0	10005.-
		100	3VJ1010-1DB32-0AA0	7795.-	3VJ1010-1EB42-0AA0	10005.-
		125	3VJ1012-1DB32-0AA0	8935.-	3VJ1012-1EB42-0AA0	11635.-
	25kA	16	3VJ1096-3DB32-0AA0	8955.-	3VJ1096-3EB42-0AA0	11875.-
		20	3VJ1002-3DB32-0AA0	8955.-	3VJ1002-3EB42-0AA0	11875.-
		25	3VJ1092-3DB32-0AA0	8955.-	3VJ1092-3EB42-0AA0	11875.-
		32	3VJ1003-3DB32-0AA0	8955.-	3VJ1003-3EB42-0AA0	11875.-
		40	3VJ1004-3DB32-0AA0	8955.-	3VJ1004-3EB42-0AA0	11875.-
		50	3VJ1005-3DB32-0AA0	8955.-	3VJ1005-3EB42-0AA0	11875.-
		63	3VJ1006-3DB32-0AA0	8955.-	3VJ1006-3EB42-0AA0	11875.-
		80	3VJ1008-3DB32-0AA0	8955.-	3VJ1008-3EB42-0AA0	11875.-
		100	3VJ1010-3DB32-0AA0	8955.-	3VJ1010-3EB42-0AA0	11875.-
		125	3VJ1012-3DB32-0AA0	10215.-	3VJ1012-3EB42-0AA0	13055.-

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	14360.-	3VJ1216-3EB42-0AA0	17480.-
		200	3VJ1220-3DB32-0AA0	15505.-	3VJ1220-3EB42-0AA0	19515.-
		250	3VJ1225-3DB32-0AA0	17450.-	3VJ1225-3EB42-0AA0	22980.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	32655.-	3VJ1332-3EB42-0AA0	42055.-
400		3VJ1340-3DB32-0AA0	32655.-	3VJ1340-3EB42-0AA0	42055.-	
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	11875.-	3VJ1196-5EB42-0AA0	15685.-
		20	3VJ1102-5DB32-0AA0	11875.-	3VJ1102-5EB42-0AA0	15685.-
		25	3VJ1192-5DB32-0AA0	11875.-	3VJ1192-5EB42-0AA0	15685.-
		32	3VJ1103-5DB32-0AA0	11875.-	3VJ1103-5EB42-0AA0	15685.-
		40	3VJ1104-5DB32-0AA0	11875.-	3VJ1104-5EB42-0AA0	15685.-
		50	3VJ1105-5DB32-0AA0	11875.-	3VJ1105-5EB42-0AA0	15685.-
		63	3VJ1106-5DB32-0AA0	11875.-	3VJ1106-5EB42-0AA0	15685.-
		80	3VJ1108-5DB32-0AA0	11875.-	3VJ1108-5EB42-0AA0	15685.-
		100	3VJ1110-5DB32-0AA0	11875.-	3VJ1110-5EB42-0AA0	15685.-
		125	3VJ1112-5DB32-0AA0	13450.-	3VJ1112-5EB42-0AA0	17050.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	16290.-	3VJ1216-5EB42-0AA0	19805.-
200		3VJ1220-5DB32-0AA0	21085.-	3VJ1220-5EB42-0AA0	27215.-	
250		3VJ1225-5DB32-0AA0	24240.-	3VJ1225-5EB42-0AA0	31190.-	
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	33470.-	3VJ1332-5EB42-0AA0	42870.-
400		3VJ1340-5DB32-0AA0	33470.-	3VJ1340-5EB42-0AA0	42870.-	
3VJ14 (VJ1 630)	500	3VJ1450-5DB32-0AA0	50210.-	3VJ1450-5EB42-0AA0	64305.-	
	630	3VJ1463-5DB32-0AA0	50210.-	3VJ1463-5EB42-0AA0	64305.-	
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DB32-0AA0	14345.-	3VJ1196-7EB42-0AA0	18920.-
		20	3VJ1102-7DB32-0AA0	14345.-	3VJ1102-7EB42-0AA0	18920.-
		25	3VJ1192-7DB32-0AA0	14345.-	3VJ1192-7EB42-0AA0	18920.-
		32	3VJ1103-7DB32-0AA0	14345.-	3VJ1103-7EB42-0AA0	18920.-
		40	3VJ1104-7DB32-0AA0	14345.-	3VJ1104-7EB42-0AA0	18920.-
		50	3VJ1105-7DB32-0AA0	14345.-	3VJ1105-7EB42-0AA0	18920.-
		63	3VJ1106-7DB32-0AA0	14345.-	3VJ1106-7EB42-0AA0	18920.-
		80	3VJ1108-7DB32-0AA0	14345.-	3VJ1108-7EB42-0AA0	18920.-
		100	3VJ1110-7DB32-0AA0	14345.-	3VJ1110-7EB42-0AA0	18920.-
		125	3VJ1112-7DB32-0AA0	15780.-	3VJ1112-7EB42-0AA0	20820.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	18885.-	3VJ1216-7EB42-0AA0	24945.-
200		3VJ1220-7DB32-0AA0	21720.-	3VJ1220-7EB42-0AA0	28675.-	
250		3VJ1225-7DB32-0AA0	24965.-	3VJ1225-7EB42-0AA0	32980.-	
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	34290.-	3VJ1332-7EB42-0AA0	44100.-
400		3VJ1340-7DB32-0AA0	34290.-	3VJ1340-7EB42-0AA0	44100.-	
3VJ14 (VJ1 630)		500	3VJ1450-7DB32-0AA0	51435.-	3VJ1450-7EB42-0AA0	66145.-
		630	3VJ1463-7DB32-0AA0	51435.-	3VJ1463-7EB42-0AA0	66145.-

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	6720.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P 4P	7UG09910 2320.- 7UG09911 2645.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P 4P	7UG09911 2645.- 7UG09911 2645.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P 4P	7UG09912 2800.- 7UG09913 3300.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915 4470.-

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

Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth leakage relay	110VAC	7UG0841-1CB20 6500.-
1Ph-2W, 3Ph-3W, 3Ph-4W	230VAC	7UG0842-1CD20 6570.-
CBCT for ELR	35 mm dia	7UG0996 2365.-
	70 mm dia	7UG0997 2705.-
	120 mm dia	7UG0999 4605.-
	210 mm dia	7UG0994 8855.-
	310 mm dia	7UG0995 13200.-

3VJ Internal accessories

Frame Size	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* ₹
Accessory									
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1780.-	3VJ9218-0AN11	1835.-	3VJ9218-0AN11	1835.-	3VJ9417-0AN11	1995.-
	Right	–	–	3VJ9218-0AN21	1835.-	3VJ9218-0AN21	1835.-	3VJ9417-0AN21	1995.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1780.-	3VJ9118-0AA11	1780.-	3VJ9218-0AA11	1835.-	3VJ9417-0AA11	1995.-
	Right	–	–	3VJ9118-0AA21	1780.-	3VJ9218-0AA21	1835.-	3VJ9417-0AA21	1995.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2885.-	3VJ9118-0AD11	2885.-	3VJ9218-0AD11	3025.-	3VJ9417-0AD11	3435.-
	Right	–	–	3VJ9118-0AD21	2885.-	3VJ9218-0AD21	3025.-	3VJ9417-0AD21	3435.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	3670.-	3VJ9218-0ST11	3670.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	4125.-
	48V DC	–	–	3VJ9218-0ST12	3670.-	3VJ9218-0ST12	3670.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	4125.-
	110V DC	3VJ9018-0ST15	2670.-	3VJ9218-0ST15	3670.-	3VJ9218-0ST15	3670.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	4125.-
	110V AC	3VJ9018-0ST35	2670.-	3VJ9218-0ST35	3810.-	3VJ9218-0ST35	3810.-	–	–
	220V AC	3VJ9018-0ST36	2895.-	3VJ9218-0ST36	3935.-	3VJ9218-0ST36	3935.-	3VJ9417-0ST36	4540.-
	415V AC	3VJ9018-0ST37	2895.-	3VJ9218-0ST37	3935.-	3VJ9218-0ST37	3935.-	3VJ9417-0ST37	4540.-
Undervoltage Release (Left) (UVR)	24V DC	–	–	3VJ9218-0UV11	5255.-	3VJ9218-0UV11	5255.-	–	–
	48V DC	–	–	3VJ9218-0UV12	5255.-	3VJ9218-0UV12	5255.-	–	–
	220V AC	–	–	3VJ9218-0UV36	5520.-	3VJ9218-0UV36	5520.-	3VJ9417-0UV36	13760.-
	415V AC	–	–	3VJ9218-0UV37	5905.-	3VJ9218-0UV37	5905.-	3VJ9417-0UV37	13760.-

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

3VJ External accessories

Frame Size	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* ₹
Accessory											
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	2740.-	3VJ9118-0HD11	2950.-	3VJ9218-0HD11	3450.-	3VJ9417-0HD11	4560.-	3VJ9417-0HD11	4560.-
Spreader Links^	2P	3VJ9012-0ED00	235.-	3VJ9112-0ED00	260.-	3VJ9212-0ED00	790.-	–	–	–	–
	3P	3VJ9013-0ED00	400.-	3VJ9113-0ED00	420.-	3VJ9213-0ED00	1280.-	3VJ9313-0ED00	2235.-	3VJ9413-0ED00	2805.-
	4P	3VJ9014-0ED00	520.-	3VJ9114-0ED00	545.-	3VJ9214-0ED00	1670.-	3VJ9314-0ED00	3150.-	3VJ9414-0ED00	3965.-
Phase Barriers*	–	3VJ9018-0CA00	185.-	3VJ9218-0CA00	290.-	3VJ9218-0CA00	290.-	3VJ9417-0CA00	330.-	3VJ9417-0CA00	330.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	425.-	3VJ9116-0CJ30	505.-	3VJ9216-0CJ30	725.-	3VJ9413-0CJ30	945.-	3VJ9413-0CJ30	945.-
	4P	3VJ9014-0CJ40	595.-	3VJ9114-0CJ40	640.-	3VJ9214-0CJ40	845.-	3VJ9414-0CJ40	1165.-	3VJ9414-0CJ40	1165.-
Toggle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	750.-	3VJ9417-0DH10	750.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60701YQ..	6795.-	8UC60702YQ..	6975.-	8UC60702YQ..	6975.-
SS Enclosures	2P/3P	3VJ9016-0DE11	2970.-	3VJ9116-0DE11	2970.-	3VJ9216-0DE12	6515.-	–	–	–	–
	4P	3VJ9014-0DE11	2970.-	3VJ9114-0DE11	2970.-	3VJ9214-0DE12	6515.-	–	–	–	–
Padlock on MCCB Dolly/Knob	–	–	–	3VJ9118-0LM10	1190.-	3VJ9218-0LM10	1190.-	3VJ9317-0LM10	2885.-	3VJ9317-0LM10	2885.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	–	–	3VJ9116-0VM10	3250.-	3VJ9216-0VM10	6340.-	3VJ9313-0VM10	12360.-	3VJ9313-0VM10	12360.-
	4P	–	–	3VJ9114-0VM10	3390.-	3VJ9214-0VM10	7485.-	3VJ9314-0VM10	16530.-	3VJ9314-0VM10	16530.-

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 & 3VJ14 MCCBs.

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

Padlocking devices can be used for locking MCCB in Off position

Mechanical interlocking devices can not be used along with the rotary operators

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



SETRON

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	136585.-	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



3WT^{plus}

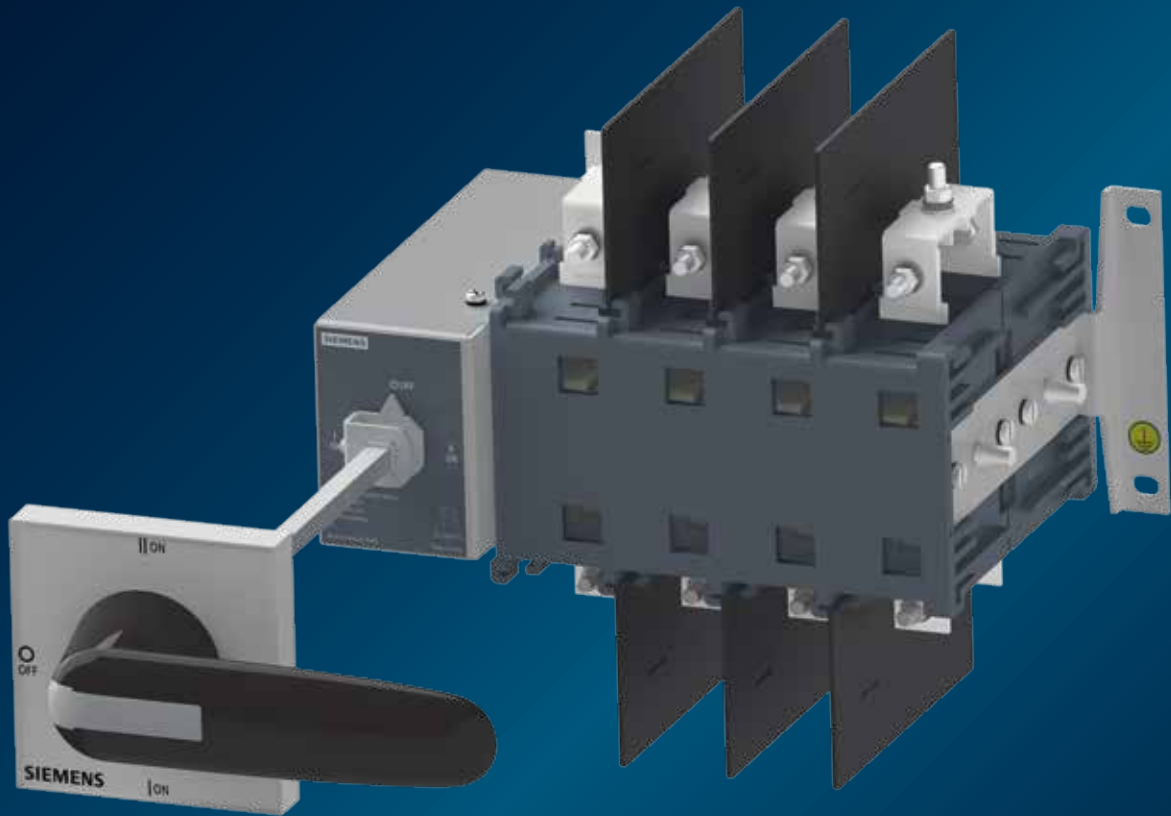


3VA



3KC





SINOVA

On Load Changeover Switches – 3KJ

The Power of **Simplicity**

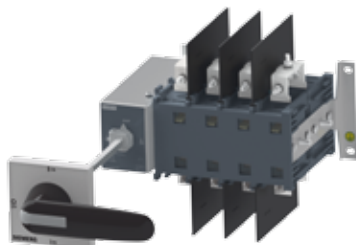
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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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	7550.-	3KJ1126-4AA20-1AA0	14925.-	1
		100	3KJ1130-4AA20-0AA0	10035.-	3KJ1130-4AA20-1AA0	17535.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	15030.-	3KJ0132-4AA20-1AA0	20430.-	1
		160	3KJ0134-4AA20-0AA0	16515.-	3KJ0134-4AA20-1AA0	23395.-	1
	2	200	3KJ0236-4AA20-0AA0	21030.-	3KJ0236-4AA20-1AA0	27060.-	1
		250	3KJ0238-4AA20-0AA0	25740.-	3KJ0238-4AA20-1AA0	33625.-	1
		315	3KJ0240-4AA20-0AA0	33720.-	3KJ0240-4AA20-1AA0	41100.-	1
		400	3KJ0242-4AA20-0AA0	48950.-	3KJ0242-4AA20-1AA0	61105.-	1
	3	630	3KJ0346-4AA20-0AA0	58215.-	3KJ0346-4AA20-1AA0	70355.-	1
		800	3KJ0348-4AA20-0AA0	84440.-	3KJ0348-4AA20-1AA0	101185.-	1
	4	1000	3KJ0450-4AA30-0AA0	159035.-	3KJ0450-4AA30-1AA0	174885.-	1
		1250	3KJ0452-4AA30-0AA0	195995.-	3KJ0452-4AA30-1AA0	225865.-	1
		1600	3KJ0454-4AA30-0AA0	249855.-	3KJ0454-4AA30-1AA0	304615.-	1
	5	2000	3KJ0556-4AA30-0AA0	384625.-	3KJ0556-4AA30-1AA0	419860.-	1
		2500	3KJ0558-4AA30-0AA0	493130.-	3KJ0558-4AA30-1AA0	537235.-	1
		3150	3KJ0560-4AA30-0AA0	634075.-	3KJ0560-4AA30-1AA0	728200.-	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	755.-					1
	2CO	3KJ9101-1AD00	1510.-					1
	1NO+1NC			3KJ9001-1AB00	1960.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC			3KJ9001-1AD00	6825.-	3KJ9001-5AD00	14810.-	1
Gland box ²⁾	With one gland plate			3KJ9013-1MA00	4070.-	3KJ9013-2MB00	9205.-	1
Spare Phase barrier		3KJ9103-1CA00	50.-	3KJ9003-1CA00	70.-	3KJ9003-3CA00	110.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	715.-	3KJ9006-2FT00	715.-	3KJ9006-2FT00	715.-	1
Spare Shaft		3KJ9107-1GA00	240.-	3KJ9007-2GA00	240.-	3KJ9007-2GA00	240.-	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

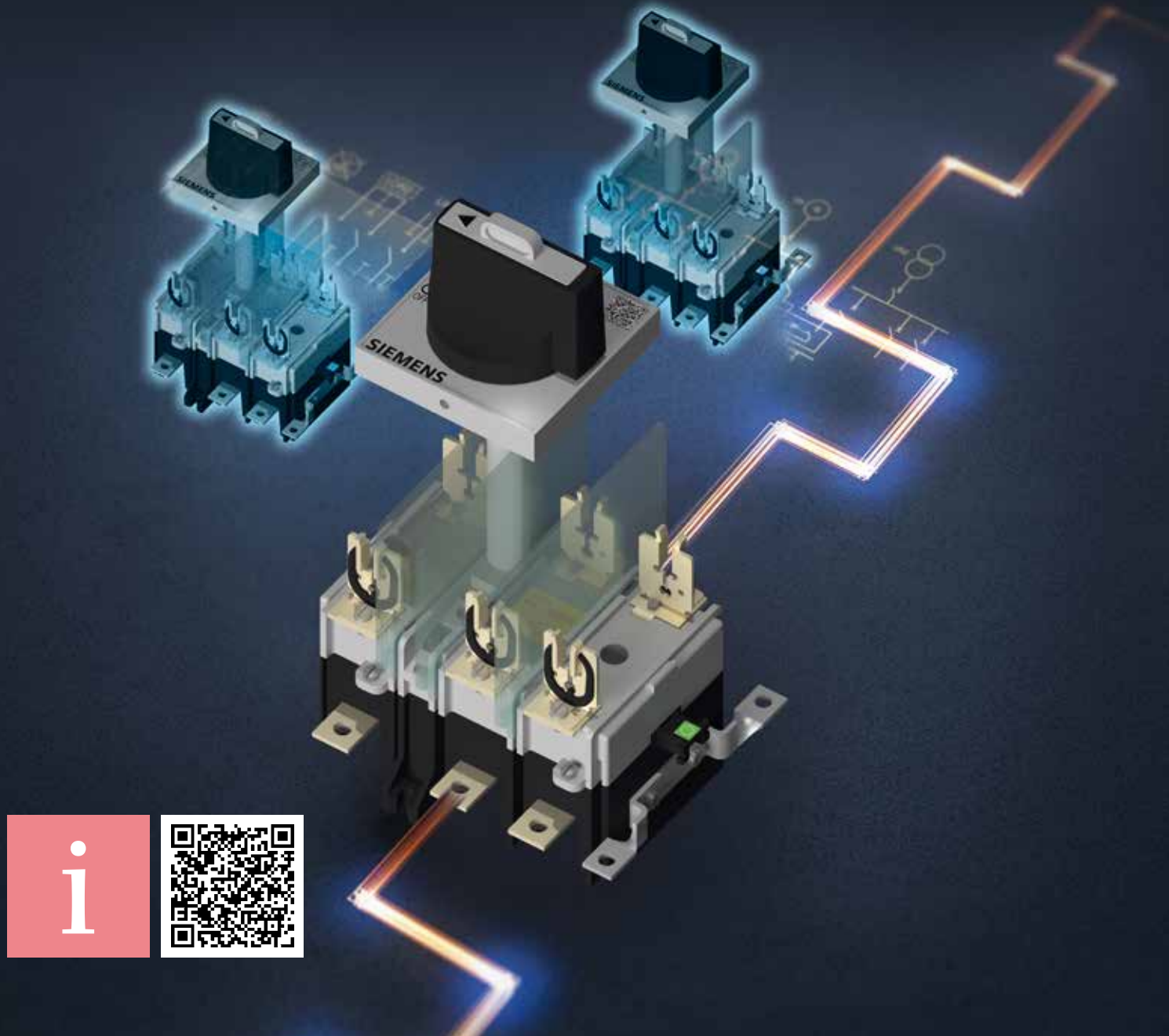
Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch ¹⁾	1NO+1NC	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	3KJ9001-5AB00	3965.-	1
	2NO+2NC	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	3KJ9001-5AD00	14810.-	1
Gland box ²⁾	With one gland plate	3KJ9013-3MC00	14165.-					1
Spare Phase barrier		3KJ9003-3CA00	110.-	3KJ9003-4CA00	400.-			1
	Lower side					3KJ9003-5CA10	400.-	1
	Front side					3KJ9003-5CA20	435.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	810.-					1
	Metallic			3KJ9006-4FM00	2350.-	3KJ9006-5FM00	2525.-	1
Spare Shaft		3KJ9007-4GA00	515.-	3KJ9007-4GA00	515.-	3KJ9007-5GA00	515.-	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		1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
						3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50	POR	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



SUPERSWITCH

Switch Disconnect 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	3940.-	3KL8111-4TJ00	4005.-	3KL8111-4TC00	4090.-	1
32A	3KL8121-4TA00	4075.-	3KL8121-4TJ00	4390.-	3KL8121-4TC00	4420.-	1
63A	3KL8151-4TA00	5485.-	3KL8151-4TJ00	5565.-	3KL8151-4TC00	5790.-	1
100A	3KL8171-4TA00	8235.-	—	—	—	—	1
100A	3KL8211-4TA00	11830.-	3KL8211-4TJ00	12900.-	—	—	1
125A	3KL8221-4TA00	14495.-	3KL8221-4TJ00	15360.-	—	—	1
160A	3KL8231-4TA00	16095.-	3KL8231-4TJ00	18665.-	—	—	1
200A	3KL8311-4UA00	23090.-	3KL8311-4UJ00	24240.-	—	—	1
250A	3KL8321-4UA00	26905.-	3KL8321-4UJ00	28730.-	—	—	1
315A	3KL8331-4UA00	32380.-	3KL8331-4UJ00	35450.-	—	—	1
400A	3KL8341-4UA00	35630.-	3KL8341-4UJ00	40955.-	—	—	1
500A	3KL8411-4UA00	57870.-	3KL8411-4UJ00	66010.-	—	—	1
630A	3KL8421-4UA00	59995.-	3KL8421-4UJ00	68395.-	—	—	1
800A [§]	3KL8431-4UA00	70915.-	3KL8431-4UJ00	74110.-	—	—	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	3500.-	3KL8111-5TJ00	3510.-	3KL8111-5TC00	3525.-	1
32A	3KL8121-5TA00	3555.-	3KL8121-5TJ00	3575.-	3KL8121-5TC00	3605.-	1
63A	3KL8151-5TA00	4770.-	3KL8151-5TJ00	4870.-	3KL8151-5TC00	4915.-	1
100A	3KL8171-5TA00	6830.-	—	—	—	—	1
100A	3KL8211-5TA00	9515.-	3KL8211-5TJ00	9600.-	—	—	1
125A	3KL8221-5TA00	12245.-	3KL8221-5TJ00	12300.-	—	—	1
160A	3KL8231-5TA00	13105.-	3KL8231-5TJ00	13165.-	—	—	1
200A	3KL8311-5UA00	17985.-	3KL8311-5UJ00	18525.-	—	—	1
250A	3KL8321-5UA00	20430.-	3KL8321-5UJ00	20985.-	—	—	1
315A	3KL8331-5UA00	24325.-	3KL8331-5UJ00	24735.-	—	—	1
400A	3KL8341-5UA00	29315.-	3KL8341-5UJ00	29750.-	—	—	1
500A	3KL8411-5UA00	47150.-	3KL8411-5UJ00	48235.-	—	—	1
630A	3KL8421-5UA00	49660.-	3KL8421-5UJ00	52240.-	—	—	1
800A [§]	3KL8431-5UA00	52955.-	3KL8431-5UJ00	56605.-	—	—	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	3395.-	1
32A	3KL8121-1TA00	3460.-	1
63A	3KL8151-1TA00	4695.-	1
100A	3KL8211-1TA00	9345.-	1
125A	3KL8221-1TA00	11880.-	1
160A	3KL8231-1TA00	12840.-	1
200A	3KL8311-1UA00	17425.-	1
250A	3KL8321-1UA00	20320.-	1
315A	3KL8331-1UA00	23960.-	1
400A	3KL8341-1UA00	28850.-	1
500A	3KL8411-1UA00	46430.-	1
630A	3KL8421-1UA00	49350.-	1
800A [§]	3KL8431-1UA00	52625.-	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 disconnecter 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	3165.-	—	—	3KL8111-2TC00	3225.-	1
32A [®]	3KL8121-2TA00	3225.-	—	—	3KL8121-2TC00	3365.-	1
63A [®]	3KL8151-2TA00	4195.-	—	—	3KL8151-2TC00	4235.-	1
100A [®]	3KL8171-2TA00	6490.-	—	—	—	—	1
100A	3KL8211-2TA00	8935.-	3KL8211-2TJ00	9140.-	—	—	1
125A	3KL8221-2TA00	10355.-	3KL8221-2TJ00	11280.-	—	—	1
160A	3KL8231-2TA00	10770.-	3KL8231-2TJ00	12150.-	—	—	1
200A	3KL8311-2UA00	15650.-	3KL8311-2UJ00	17105.-	—	—	1
250A	3KL8321-2UA00	17045.-	3KL8321-2UJ00	18890.-	—	—	1
315A	3KL8331-2UA00	20740.-	3KL8331-2UJ00	22005.-	—	—	1
400A	3KL8341-2UA00	24710.-	3KL8341-2UJ00	25975.-	—	—	1
500A	3KL8411-2UA00	39020.-	3KL8411-2UJ00	45430.-	—	—	1
630A	3KL8421-2UA00	39910.-	3KL8421-2UJ00	46095.-	—	—	1
800A [§]	3KL8431-2UA00	51915.-	3KL8431-2UJ00	52085.-	—	—	1



Switch disconnecter fuse in SS[^] Enclosure (factory fitted)[>]

Rated current I _e @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	7315.-	3KL8111-4TA10	8430.-	1
	BS	3KL8111-5TJ10	7375.-	3KL8111-4TJ10	8445.-	1
	CYL	3KL8111-5TC10	7420.-	3KL8111-4TC10	8520.-	1
32A	DIN	3KL8121-5TA10	7825.-	3KL8121-4TA10	8695.-	1
	BS	3KL8121-5TJ10	7850.-	3KL8121-4TJ10	8795.-	1
	CYL	3KL8121-5TC10	7885.-	3KL8121-4TC10	8825.-	1
63A	DIN	3KL8151-5TA10	8690.-	3KL8151-4TA10	10255.-	1
	BS	3KL8151-5TJ10	8720.-	3KL8151-4TJ10	10510.-	1
	CYL	3KL8151-5TC10	8790.-	3KL8151-4TC10	10545.-	1
100A	DIN	3KL8211-5TA10	13930.-	3KL8211-4TA10	16515.-	1
	BS	3KL8211-5TJ10	14340.-	3KL8211-4TJ10	16680.-	1
125A	DIN	3KL8221-5TA10	16510.-	3KL8221-4TA10	19885.-	1
	BS	3KL8221-5TJ10	16630.-	3KL8221-4TJ10	20515.-	1
160A	DIN	3KL8231-5TA10	17715.-	3KL8231-4TA10	21865.-	1
	BS	3KL8231-5TJ10	17850.-	3KL8231-4TJ10	22010.-	1
200A	DIN	3KL8311-5UA10	25540.-	3KL8311-4UA10	35695.-	1
	BS	3KL8311-5UJ10	25740.-	3KL8311-4UJ10	36515.-	1
250A	DIN	3KL8321-5UA10	28960.-	3KL8321-4UA10	38010.-	1
	BS	3KL8321-5UJ10	29160.-	3KL8321-4UJ10	38275.-	1
315A	DIN	3KL8331-5UA10	34445.-	3KL8331-4UA10	45240.-	1
	BS	3KL8331-5UJ10	34635.-	3KL8331-4UJ10	45465.-	1
400A	DIN	3KL8341-5UA10	39730.-	3KL8341-4UA10	50725.-	1
	BS	3KL8341-5UJ10	40240.-	3KL8341-4UJ10	50940.-	1
500A	DIN	3KL8411-5UA10	59170.-	3KL8411-4UA10	74605.-	1
	BS	3KL8411-5UJ10	59345.-	3KL8411-4UJ10	75410.-	1
630A	DIN	3KL8421-5UA10	62290.-	3KL8421-4UA10	79225.-	1
	BS	3KL8421-5UJ10	62470.-	3KL8421-4UJ10	79460.-	1
800A [§]	DIN	3KL8431-5UA10	66870.-	3KL8431-4UA10	85055.-	1
	BS	3KL8431-5UJ10	67045.-	3KL8431-4UJ10	85275.-	1



SS [^] Enclosure for 3KL8/ 3KA8

Rated current I _e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	5370.-	1
200A-400A	3KX8345-4AC	7145.-	1
500A-800A	3KX8435-4AC ¹⁾	11715.-	1
200A-800A	3KX8435-4AG ²⁾	20115.-	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

[>] 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

The Enclosures are open at both top and bottom, Kindly order separate gland plates.

Refer Accessories for Superswitch 3KL8/3KA8

Superswitch 3KA8

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

Rated current I _n @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 [®]	3550.-	3KA8151-5TE00	4280.-	3KA8151-4TE00	6090.-	1
100A	—	—	3KA8171-5TE00	6660.-	3KA8171-4TE00	12250.-	1
100A	3KA8211-2TE00	6215.-	3KA8211-5TE00	8470.-	3KA8211-4TE00	14165.-	1
125A	3KA8221-2TE00	7800.-	3KA8221-5TE00	9725.-	3KA8221-4TE00	15215.-	1
160A	3KA8231-2TE00	10395.-	3KA8231-5TE00	12655.-	3KA8231-4TE00	19170.-	1
200A	3KA8311-2UE00	13220.-	3KA8311-5UE00	16340.-	3KA8311-4UE00	22245.-	1
250A	3KA8321-2UE00	14465.-	3KA8321-5UE00	17255.-	3KA8321-4UE00	27325.-	1
400A	3KA8341-2UE00	20065.-	3KA8341-5UE00	25515.-	3KA8341-4UE00	37245.-	1
630A [§]	3KA842□-2UE00	32185.-	3KA842□-5UE00	40500.-	3KA842□-4UE00	53315.-	1
800A [§]	3KA843□-2UE00	33585.-	3KA843□-5UE00	41795.-	3KA843□-4UE00	61180.-	1
1000A [§]	3KA844□-2UE00	44940.-	3KA844□-5UE00	60035.-	3KA844□-4UE00	75390.-	1
1250A [§]	3KA845□-2UE00	59090.-	3KA845□-5UE00	77880.-	3KA845□-4UE00	90630.-	1
1600A [§]	3KA846□-2UE00	68150.-	3KA846□-5UE00	86195.-	3KA846□-4UE00	122065.-	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⁾	350.-	3KX8230-0JF	855.-	3KX8340-0AF	1255.-	3KX8430-0JF	1775.-	1
		BS			3KX8230-0HF	855.-			3KX8430-0HF	1775.-	1
	3P	DIN			3KX8230-0JE	855.-	3KX8340-0AE	1255.-	3KX8430-0JE	1775.-	1
		BS			3KX8230-0HE	855.-			3KX8430-0HE	1775.-	1
	4P	DIN	3KX8150-0AG ⁵⁾	595.-	3KX8230-0JG	855.-	3KX8340-0AG	1255.-	3KX8430-0JG	1775.-	1
		BS			3KX8230-0HG	855.-			3KX8430-0HG	1775.-	1
Terminal cover (1set = 2pieces)	2P	–	3KX8151-0AE	175.-	3KX8231-0AF	725.-	3KX8341-0AF	1370.-	3KX8431-0AF	1605.-	1
	3P	–			3KX8231-0AE	725.-	3KX8341-0AE	1370.-	3KX8431-0AE	1605.-	1
	4P	–	3KX8151-0AG	630.-	3KX8231-0AG	725.-	3KX8341-0AG	1370.-	3KX8431-0AG	1605.-	1
Phase barrier	–	DIN/ BS/ Cylindrical	3KX8153-0AE	70.-	3KX8153-0AE (DIN)	70.-	3KX8343-0AE	220.-	3KX8433-0AE	330.-	1
					3KX8233-0JE (BS)	70.-					1
Fuse cover phase barrier kit ³⁾			–	–	–	–	3KX8340-9AE	700.-	3KX8440-9AE	700.-	1
Auxiliary switch (1NO+1NC)			3SB5400-0A* [®]	265.-	3KX3522-1YC	1055.-	3KX3552-1YC	1270.-	3KX3582-1YC	1535.-	1
Auxiliary switch (2NO+2NC)			–	–	3KX3522-1YD	1900.-	3KX3552-1YD	2745.-	3KX3582-1YD	2965.-	1
Auxiliary switch cover			3KX8154-0AC	120.-	3KX8234-0AC	120.-	–	–	–	–	1
Front drive (Handle)			8UC6114-1BB00	1300.-	8UC6214-1BB00	1470.-	8UC6314-1BB00	2220.-	8UC6414-1BB00	3245.-	1
Operating shaft (300mm)			8UC60-31	360.-	8UC60-32	435.-	8UC60-34	845.-	8UC60-34	845.-	1
Castell interlock ¹⁾ ^			8UC6070-0YQ.. [^]	6795.-	8UC6070-1YQ.. [^]	6795.-	8UC6070-2YQ.. [^]	6975.-	8UC6070-2YQ.. [^]	6975.-	1
Depth setting template			8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	8UC6046-2	75.-	1
Fuse Monitor with auxiliary switch [^] (1NO+1NC)			3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	3RV1611-0BD10	11000.-	1
			3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	3RV2901-1E	1450.-	1
Fuse safety barrier			3KX8150-1AC	185.-	3KX8230-1AC	240.-	–	–	–	–	1
Gland box with gland plate (1no.)			3KX8235-4DC	6225.-	3KX8235-4DC	6225.-	3KX8345-4DC	8595.-	3KX8435-4DC	13095.-	1
									3KX8435-4DG ⁴⁾	21425.-	1
Gland plate			3KX8235-4GC	1320.-	3KX8235-4GC	1320.-	3KX8345-4GC	1715.-	3KX8435-4GC	1900.-	1
									3KX8435-4GG ⁴⁾	1920.-	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

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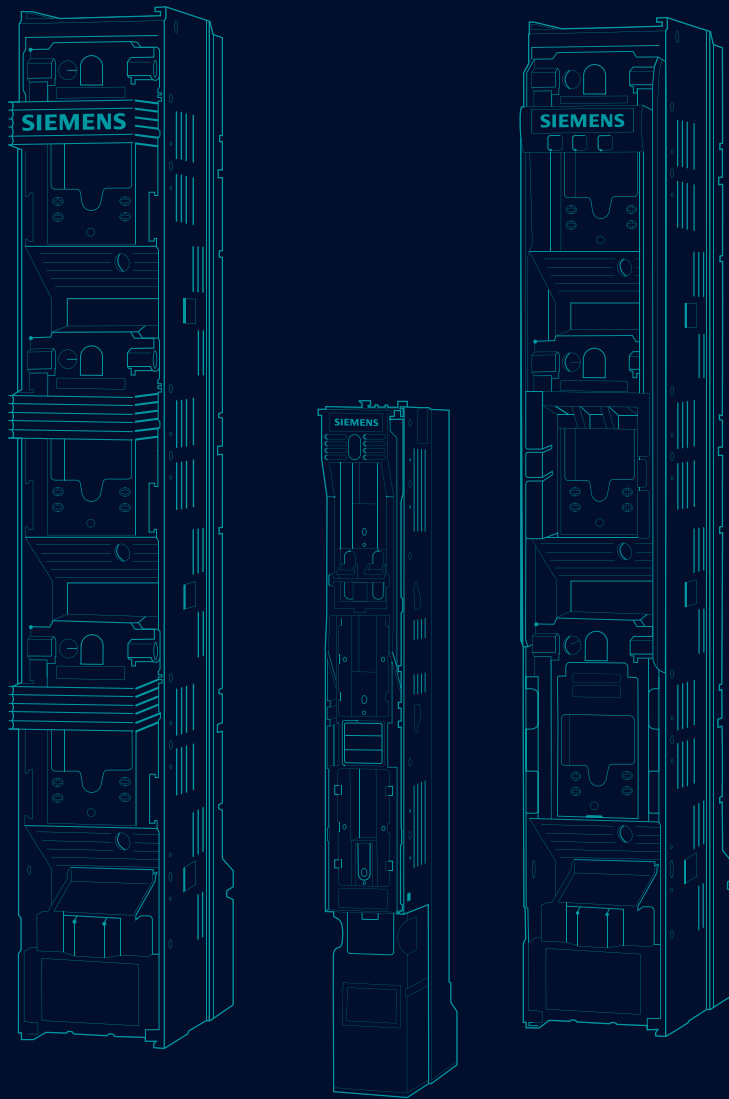
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3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Rated operational current: 160A to 630A
- Operating voltage up to 690 VAC
- 1-pole or 3-pole switchable
- Maximum safety and minimized mounting width
- Fuse visible Disconnection
- Contactless fuse removal
- Vertical /Direct mounting on busbars
- Cable connection from top and bottom

Applications:

- Feeder Pillar
- Compact Substation
- Control Panels – Automotive Industry
- Smart Pole Applications
- Lighting Distribution Boards (LDB)
- Power Distribution Boards (PDB)

SIEMENS

3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Overview :

- Operating Voltage up to 690 VAC
- Rated operational current : 160A to 630A
- 1-pole or 3-pole switchable
- Busbar mounting 185 mm center to center spacing
- Suitable for fuse links NH000, NH00, NH1, NH2, NH3 and 3NA COM Fuse



3NJ4 Fuse Switch Disconnectors

Rated Current (A)	Switchable poles	Busbar center-to-center spacing	Fuse size (DIN type HRC fuse)	Connection	Type	Unit LP* ₹
160	1	185mm	NH00/NH000	M8 flat terminal	3NJ4101-3BF01-ORC0	POR
	3				3NJ4103-3BF01-ORC0	
250	1		NH1	M10 flat terminal	3NJ4121-3BF01-ORC0	
	3				3NJ4123-3BF01-ORC0	
400	1		NH1, NH2	M12 flat terminal	3NJ4131-3BF01-ORC0	
	3				3NJ4133-3BF01-ORC0	
630	1		NH2, NH3	M12 flat terminal	3NJ4141-3BF01-ORC0	
	3				3NJ4143-3BF01-ORC0	

Accessories for fuse switch disconnector 3NJ4



Busbar connection assembly kits for NH2 and NH3

With flat terminals

Screws	Conductor cross section	Type	Unit LP* ₹
M12	2 x 240mm ²	3NJ4911-5AA00-ORC0*	POR
	2 x 300 mm ² / 3 x 120 mm ²	3NJ4911-5BA00-ORC0*	
M16	1 x 400 mm ²	3NJ4911-5CA00-ORC0*	



Covers

Additional touch protection when using cable lugs and as spacer

Size	Busbar center-to-center spacing	Type	Unit LP* ₹
NH1 ... NH3	Connection for top and bottom	3NJ4912-1AA01-ORC0*	POR



Busbar terminals

Not for devices with transformer installation

Version	Type	Unit LP* ₹
For more rapid mounting of the switch disconnectors onto the busbars (1 set = 3 units)	3NJ4911-3BA01-ORC0*	POR



Auxiliary switch mounting kits

For 3-pole switchable switch disconnectors only

Version	Contacts	Type	Unit LP* ₹
For NH00 ... NH3 with connecting cables	1 CO	3NJ4913-1AA01-ORC0^	POR

* Applicable to 3NJ412, 3NJ413, 3NJ414

^ Applicable to 3NJ4101, 3NJ412, 3NJ413, 3NJ414

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



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

www.siemens.com/switching-devices

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	4920.-
				3	3NP1123-1CA20	8940.-
				4	3NP1124-1CA20	15610.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA10	5180.-
				3	3NP1133-1CA10	9350.-
				4	3NP1134-1CA10	16265.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA10	15090.-
				3	3NP1143-1DA10	27360.-
				4	3NP1144-1DA10	44855.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA10	20755.-
				3	3NP1153-1DA10	37490.-
				4	3NP1154-1DA10	60675.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA10	27620.-
				3	3NP1163-1DA10	50235.-
				4	3NP1164-1DA10	80505.-

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	17235.-
				3	3NP1123-1CA24	26680.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA14	16460.-
				3	3NP1133-1CA14	26920.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA14	27390.-
				3	3NP1143-1DA14	44855.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA14	33290.-
				3	3NP1153-1DA14	55475.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA14	40140.-
				3	3NP1163-1DA14	67760.-

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 52 for assembly kit selection.



1-pole



3-pole



2-pole



4-pole



1-pole with EFM



3-pole with EFM

Configurator for 3NP1

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



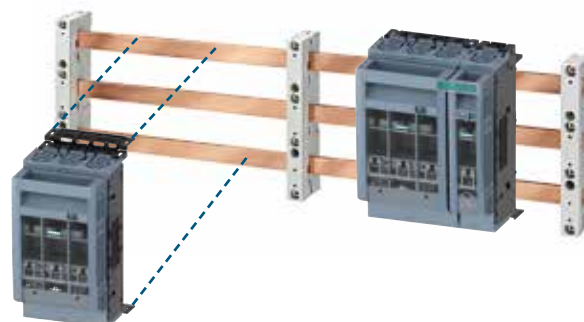
3NP1 mounting on 8US busbar

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	13235.-
				4	3NP1124-1BC20	22045.-
160 ²⁾	00	00	Flat	3	3NP1133-1BC10	14200.-
				4	3NP1134-1BC10	23755.-
250 ²⁾	1	1	Flat	3	3NP1143-1BC10	45285.-
				4	3NP1144-1BC10	70585.-
400 ²⁾	2	2	Flat	3	3NP1153-1BC10	58525.-
				4	3NP1154-1BC10	91835.-
630 ²⁾	3	3	Flat	3	3NP1163-1BC10	74290.-
				4	3NP1164-1BC10	117840.-

8US busbar system



Accessories for 3NP1

Auxiliary contact (1CO type)

3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	2060.-
00	3NP1930-1FA00	2060.-
1,2,3	3NP1940-1FA00	2240.-



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

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	2595.-
		3	3NP1923-1BD00	5800.-



Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole⁴⁾ 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

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) le AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2003-0TK5□	3880.-
	25	9.5	3LD2103-0TK5□	4290.-
	32	11.5	3LD2203-0TK5□	4790.-
	63	22	3LD2504-0TK5□	8190.-
	100	37	3LD2704-0TK5□	12415.-
	125	45	3LD2804-0TK5□	15830.-
	160	75	3LD2305-0TK1□	POR
	250	132	3LD2405-0TK1□	

□ - 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) le AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD2123-7UK01	8500.-
	32	11.5	3LD2223-7UK01	9300.-
	63	22	3LD2524-7UK01	15375.-
	100	37	3LD2724-7UK01	28590.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

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) le AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2013-0TK5□	6215.-
	25	9.5	3LD2113-0TK5□	6900.-
	32	11.5	3LD2213-0TK5□	7605.-
	63	22	3LD2514-0TK5□	9125.-
	100	37	3LD2714-0TK5□	14990.-
	125	45	3LD2814-0TK5□	18720.-
	160	75	3LD2318-0TK1□	POR
	250	132	3LD2418-0TK1□	

□ - 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) le AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2022-0TK1□	3460.-
	25	9.5	3LD2122-0TK1□	3800.-
	32	11.5	3LD2222-0TK1□	4610.-

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switch with knob Operated Mechanism In moulded plastic enclosure



No of Poles	Rated current (A) le AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD21657UB01	13610.-
	32	11.5	3LD22657UB01	15465.-
	63	22	3LD25667UB01	33555.-
	100	37	3LD27667UB01	57815.-

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) le AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2064-0TB5□	5530.-
	25	9.5	3LD2164-0TB5□	5995.-
	32	11.5	3LD2264-0TB5□	7125.-
	63	22	3LD2565-0TB5□	11795.-
	100	37	3LD2766-0TB5□	26810.-
	125	45	3LD2866-0TB5□	48525.-

□ - 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	1750.-	1
		3LD25 (63A)	3LD9250-0BA	2565.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	3180.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2B	1170.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	1335.-	1
		3LD25 (63A)	3LD9250-2BA	1755.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	2130.-	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	1945.-	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	1750.-	1
		3LD25 (63A)	3LD9250-0CA	2565.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0C	3180.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0C	POR	1
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2C	1580.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	1335.-	1
		3LD25 (63A)	3LD9250-2CA	1755.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	2130.-	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	1845.-	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	595.-	4
	3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	555.-	4
	3 pole	3LD25 (63A)	3LD9251-0A	620.-	4
	1 pole	3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	300.-	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 Sales Office 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	3405.-	10
		30	3LA0601-1YB	7900.-	5
	System selector	5.5	3LA0202-1YA	3885.-	10
		30	3LA0602-1YB	11050.-	5
	Reversing	5.5	3LA0203-1YA	3885.-	10
		30	3LA0603-1YB	11050.-	5
	Star-delta	12	3LA0204-5YA	5475.-	10
		30	3LA0604-1YB	15045.-	5
	2 speed pole changing				
	i) Separate windings	5.5	3LA0205-2YA	3885.-	10
ii) Dahlander	5.5	3LA0205-1YA	5230.-	10	
Reversing pole changing	5.5	3LA0205-3YA	7515.-	10	

Spares & accessories for motor control switches**



Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	210.-	10
Machine handle – Black	3LX0 611-2YA	555.-	10
Indicating dial for size 2	3LX0 220-1YA	160.-	10
Indicating dial for size 6	3LX0 620-1YA	160.-	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	160.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	145.-	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	2330.-	10
	63	52	3LA0605-1YB	5605.-	5
4	25	16	3LA0205-5YA	3885.-	10
	63	52	3LA0605-2YB	10220.-	5

POR: Price On Request

* LP - List Price

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

SIVACON S8 Low Voltage Power Distribution Switchboard
Safe, Flexible, Efficient

SIVACON

Technology
Partner

SIEMENS



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
- 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

www.siemens.com/sivacon-details

SIEMENS



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

www.siemens.co.in

SIEMENS

3LD4 Control Switches

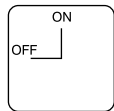
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- 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



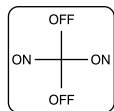
ON OFF Switches

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-ORCO	1 Pole	215.-	410.-	490.-	515.-	535.-	660.-	840.-	980.-	5130.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3AA00-ORCO	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4AA00-ORCO	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

90° Operation with complete rotation

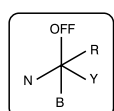
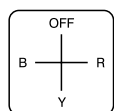


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	210.-	410.-	490.-	515.-	520.-	650.-	835.-	975.-	5130.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	275.-	465.-	555.-	620.-	645.-	765.-	1010.-	1260.-	6410.-	
3LD4 ___ 3BC00-ORCO	3 Pole	300.-	555.-	650.-	710.-	840.-	940.-	1175.-	1685.-	7890.-	
3LD4 ___ 4BC00-ORCO	4 Pole	370.-	600.-	700.-	845.-	1035.-	1115.-	1350.-	2030.-	9240.-	

* 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 3LD40013AA00-ORCO

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



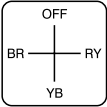
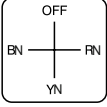
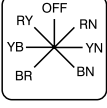
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	450.-	1
	10A	3LD41024DC200RC0	540.-	
	16A	3LD41034DC200RC0	690.-	
	20A	3LD41044DC200RC0	770.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	445.-	
	10A	3LD41024DD200RC0	535.-	
	16A	3LD41034DD200RC0	675.-	
	20A	3LD41044DD200RC0	855.-	



* LP - List Price

3LD4 Control Switches

Voltmeter Selector Switch (VSS)

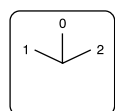
	Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
	Line voltages with OFF	6A	3LD40014DC300RC0	330.-	1
		10A	3LD41024DC300RC0	490.-	
		16A	3LD41034DC300RC0	625.-	
		20A	3LD41044DC300RC0	710.-	
	Phase voltages with OFF	6A	3LD40014DC310RC0	585.-	
		10A	3LD41024DC310RC0	660.-	
		16A	3LD41034DC310RC0	845.-	
		20A	3LD41044DC310RC0	935.-	
	Line & Phase voltages with OFF	6A	3LD40014DF300RC0	585.-	
		10A	3LD41024DF300RC0	980.-	
		16A	3LD41034DF300RC0	1170.-	
		20A	3LD41044DF300RC0	1270.-	



Changeover Switch

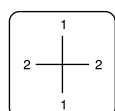
With OFF (60°)

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-ORC0	1P 2W	275.-	505.-	620.-	635.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2BB10-ORC0	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3BB10-ORC0	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4BB10-ORC0	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	



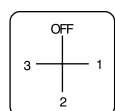
Without OFF (90°)

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-ORC0	1P 2W	275.-	505.-	620.-	625.-	650.-	720.-	975.-	1325.-	6625.-	1
3LD4 ___ 2PC10-ORC0	2P 2W	370.-	620.-	700.-	825.-	875.-	1030.-	1335.-	2005.-	9695.-	
3LD4 ___ 3PC10-ORC0	3P 2W	450.-	765.-	935.-	1150.-	1330.-	1435.-	1685.-	2700.-	12550.-	
3LD4 ___ 4PC10-ORC0	4P 2W	555.-	845.-	1075.-	1405.-	1770.-	1860.-	2065.-	3415.-	16000.-	



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-ORC0	1P 3W	330.-	445.-	520.-	620.-	625.-	775.-	1140.-	1275.-	5450.-	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 3LD41023BB10-ORC0

3LD4 Control Switches

Breaker Control Switch

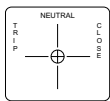
Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch**

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

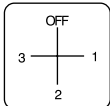


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	1825.-	1
	32A	3LD4206-2BB50-ORCO	2155.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	2200.-	
	32A	3LD4206-4BB50-ORCO	2565.-	

Multistep Switch

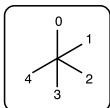


Multistep 3 Way with OFF



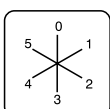
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC40-ORCO	1P 3W	330.-	555.-	645.-	660.-	700.-	780.-	1115.-	1260.-	6410.-	1
3LD4 ___ 2CC40-ORCO	2P 3W	450.-	650.-	780.-	935.-	1070.-	1145.-	1650.-	1855.-	9980.-	
3LD4 ___ 3CC40-ORCO	3P 3W	650.-	865.-	1325.-	1420.-	1580.-	1720.-	2195.-	2870.-	13050.-	
3LD4 ___ 4CC40-ORCO	4P 3W	835.-	1120.-	1605.-	1760.-	1970.-	2170.-	2945.-	3430.-	16480.-	

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-ORCO	1P 4W	375.-	495.-	935.-	1015.-	1120.-	1245.-	1410.-	1915.-	5670.-	1
3LD4 ___ 2DD40-ORCO	2P 4W	650.-	940.-	1105.-	1135.-	1180.-	1370.-	1770.-	2235.-	8755.-	
3LD4 ___ 3DD40-ORCO	3P 4W	910.-	1265.-	1755.-	1840.-	1970.-	2260.-	3020.-	3430.-	24120.-	

Multistep 5 Way with OFF

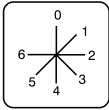


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1EE40-ORCO	1P 5W	425.-	795.-	1075.-	1215.-	1400.-	1420.-	1755.-	2050.-	6030.-	1
3LD4 ___ 2EE40-ORCO	2P 5W	765.-	1230.-	1425.-	1650.-	1910.-	2235.-	2305.-	2875.-	8750.-	

* LP - List Price

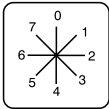
Multistep Switch

Multistep 6 Way with OFF



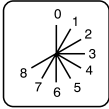
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-ORC0	1P 6W	550.-	895.-	1035.-	1140.-	1245.-	1455.-	1490.-	2415.-	1
3LD4 ___ 2FF40-ORC0	2P 6W	910.-	1335.-	1500.-	1695.-	1915.-	2320.-	2965.-	3875.-	

Multistep 7 Way with OFF



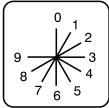
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-ORC0	1P 7W	555.-	920.-	1135.-	1240.-	1420.-	1485.-	1545.-	2400.-	1

Multistep 8 Way with OFF



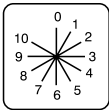
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORC0	1P 8W	630.-	775.-	1115.-	1290.-	1

Multistep 9 Way with OFF



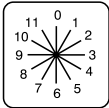
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORC0	1P 9W	650.-	945.-	1150.-	1370.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-ORC0	1P 10W	765.-	1005.-	1545.-	2075.-	1

Multistep 11 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORC0	1P 11W	910.-	1085.-	1695.-	2235.-	1

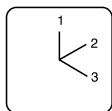
Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD40013DD40-ORC0

* LP - List Price

Multistep Switch

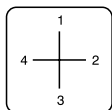


Multistep 3 Way without OFF



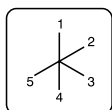
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORCO	1P 3W	310.-	535.-	650.-	660.-	825.-	850.-	1320.-	1485.-	5575.-	1
3LD4 ___ 2QB40-ORCO	2P 3W	450.-	810.-	920.-	1010.-	1080.-	1115.-	1650.-	1950.-	9980.-	
3LD4 ___ 3QB40-ORCO	3P 3W	650.-	1010.-	1370.-	1465.-	1580.-	1720.-	2415.-	2870.-	10720.-	
3LD4 ___ 4QB40-ORCO	4P 3W	835.-	1120.-	1585.-	1800.-	2000.-	2125.-	4690.-	5175.-	11490.-	

Multistep 4 Way without OFF



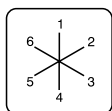
Type [#]	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4___1RC40-ORCO	1P 4W	355.-	585.-	795.-	855.-	985.-	1035.-	1425.-	1990.-	6795.-	1
3LD4___2RC40-ORCO	2P 4W	505.-	840.-	935.-	1075.-	1170.-	1275.-	1720.-	2235.-	10490.-	
3LD4___3RC40-ORCO	3P 4W	690.-	825.-	1485.-	1645.-	1860.-	2065.-	2245.-	3000.-	13830.-	

Multistep 5 Way without OFF



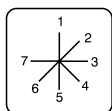
Type*	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4___1SD40-ORCO	1P 5W	425.-	615.-	850.-	975.-	1115.-	1370.-	1755.-	2240.-	6000.-	1
3LD4___2SD40-ORCO	2P 5W	765.-	1035.-	1170.-	1500.-	1760.-	1895.-	2430.-	3080.-	8625.-	

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-ORCO	1P 6W	445.-	550.-	1070.-	1140.-	1245.-	1420.-	1655.-	2100.-	9980.-	1
3LD4___2TE40-ORCO	2P 6W	865.-	1050.-	1435.-	1800.-	2205.-	2265.-	2305.-	2940.-	19915.-	

Multistep 7 Way without OFF

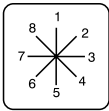


Type*	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4___1UF40-ORCO	1P 7W	550.-	700.-	810.-	1120.-	1475.-	1480.-	1770.-	2630.-	1

* LP - List Price

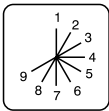
Multistep Switch

Multistep 8 Way without OFF



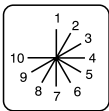
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	555.-	1095.-	1210.-	1290.-	1

Multistep 9 Way without OFF



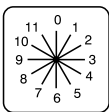
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	650.-	1135.-	1920.-	2385.-	1

Multistep 10 Way without OFF



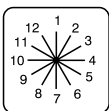
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	700.-	1155.-	2125.-	2870.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1YK40-ORCO	1P 11W	725.-	1180.-	2290.-	3025.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1ZL40-ORCO	1P 12W	795.-	1210.-	2385.-	3060.-	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 without OFF the complete type no will be 3LD4-0011RC40-ORCO

* LP - List Price





SETRON measuring devices

A comprehensive portfolio for all your energy management needs

- Precise, accurate and reliable measurement
- 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 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 $\pm 10\%$ 50/60Hz	7KM3120-0BA01-1DA0#	63390.-
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 $\pm 10\%$ 50/60Hz	7KM3220-0BA01-1DA0#	86600.-
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 $\pm 10\%$, 50/60Hz, 110...340V DC $\pm 10\%$	7KM4212-0BA00-3AA0#	POR

Expansion Modules (for PAC3220 and PAC4200)

Description	Type	Unit LP* ₹
PROFIBUS DP expansion module	7KM9300-0AB01-0AA0	30915.-
RS485 expansion module for MODBUS RTU	7KM9300-0AM00-0AA0	23875.-
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 $\pm 10\%$) option, please contact your nearest Siemens Sales Office.

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

(B) Software Solution

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

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

PAC EXPANSION Modules



7KM PAC 3220



7KM PAC 4200



MODBUS RTU



PROFINET



PROFIBUS DP



I(N), I(Diff), Analog



PAC 4DI/2DO





Energy management

Detection, transparency and control of energy flows

101 0
1 11101
0011011
10101
00101

Adaptability to Industry 4.0

Easy digitalization of "brownfield" projects



Ready for ISO 50001

Ready for IoT



Operational flexibility

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



Safety through reliability

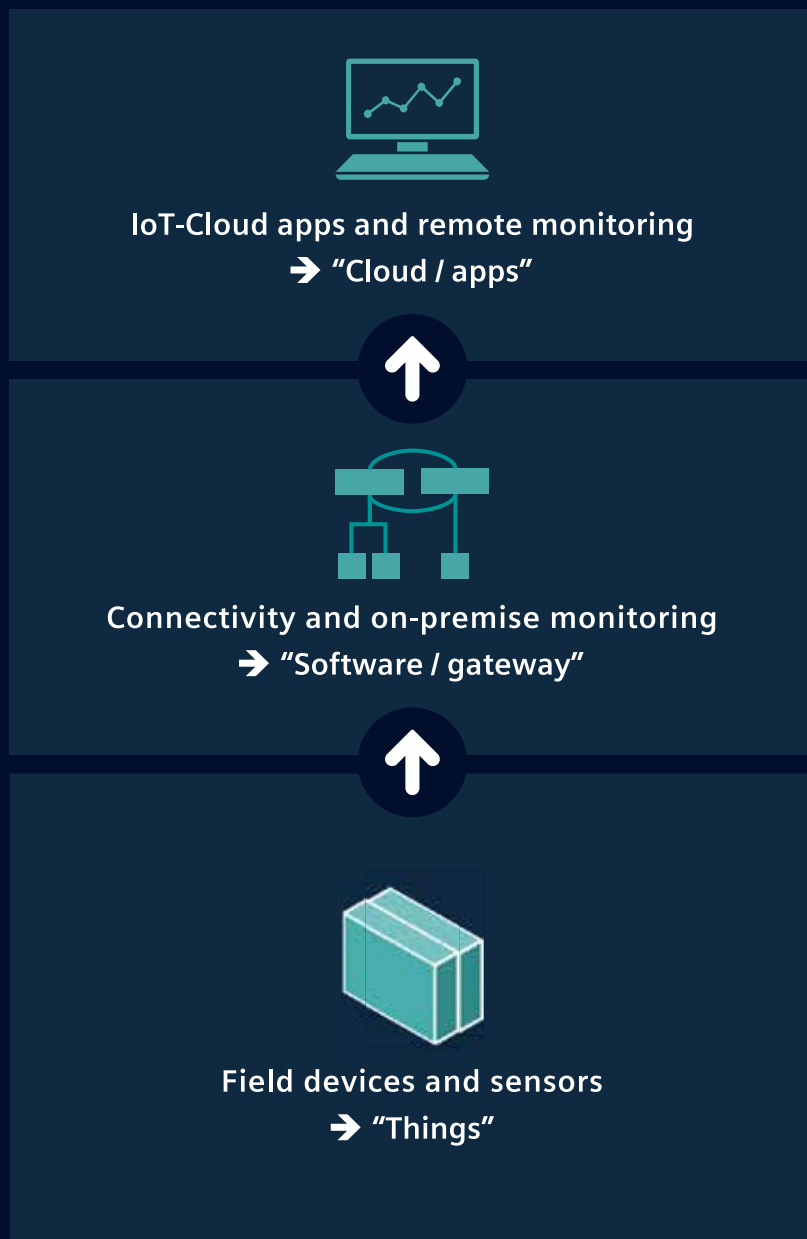
Identifying potential outages at an early stage enable preventing them

SENTRON Powercenter 3000

Gateway to the digitalization of low-voltage power distribution

Siemens/SENTRON-Digitalization

SIEMENS



SENTRON
Powermind



7KN Powercenter 3000



SENTRON Digitalization Solution

Intelligent power distribution management

Secure. Scalable. Customizable.

Turn your LV Panels into IoT enabled digital switchboards with benefits like:



On-site or cloud-based data
visualization and analysis



Fulfill regulatory requirements
(e.g., ISO 50001)



Energy transparency and efficiency
without compromising security



Reduce unplanned downtime with
condition monitoring

Insights Hub



Watts



SENTRON
powermanager



SENTRON
powerconfig



Adaptive
web interface



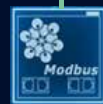
7KM PAC4200



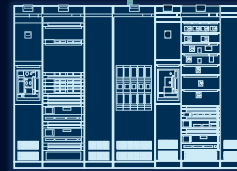
7KM PAC3200T



7KM PAC2200



MODBUS device



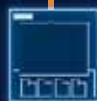
Siepan / Sivacon



3WT^{Plus}



7KM PAC3120



MODBUS device



7KT PAC1600

Modbus TCP / HTTP

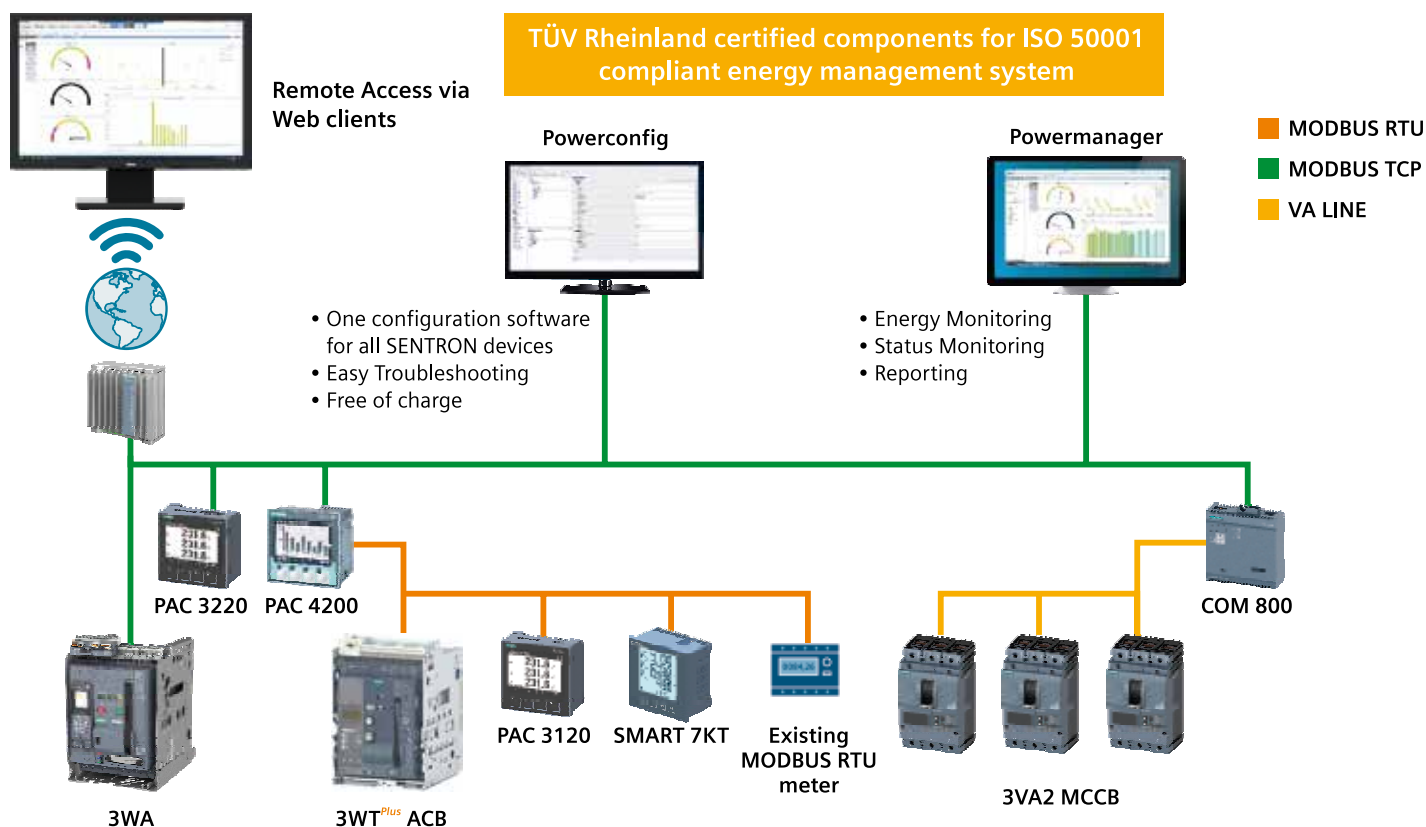
Modbus RTU

Scan to
explore



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, please contact your nearest Siemens Sales Office.

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	POR
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



Energy Management System

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

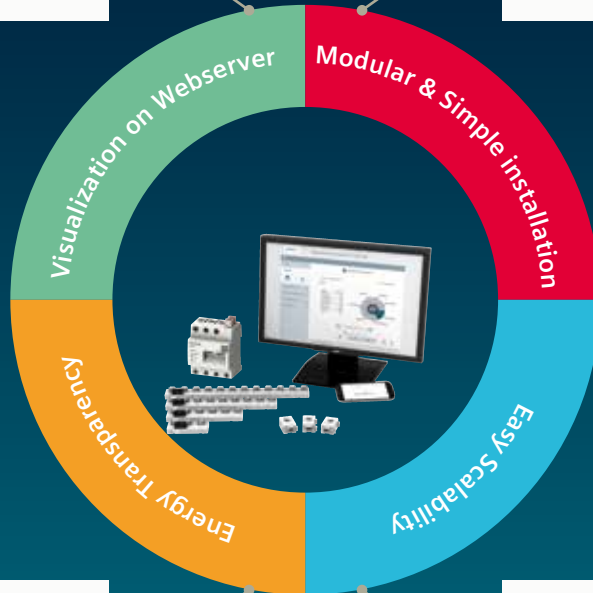
www.siemens.com/powermonitoring

SIEMENS

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

- 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

fast



plug
and
play

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

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



Easy



Transparent



Cost-efficient



for more
info scan
QR code



SMART 7KT

Power Monitoring Devices

Expanding the reach of technology

SIEMENS

SMART 7KT

Power Monitoring Devices

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	7KT0120	4035.-
VA meter	7KT0110	3700.-
3 phase energy meter	7KT0210	8035.-



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	7KT0311	21695.-
LCD Class 1	7KT0310	18125.-
Multi-line LED Class 1	7KT0308	13495.-
Single-line LED Class 1	7KT0307	8995.-

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



for more info
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SMART 7KT Discrete DIN Meters



Power monitoring devices for DIN mounted systems

- Tested accuracy as per IEC 61557-12 and IEC 62053
- Bright LCD display for ease of reading
- Easy mounting with click fit on DIN rails
- Integrated communication in 2MW makes the meter digitalization ready
- Modern aesthetics increases the visual appeal of the panel
- RoHS compliant



Description	Type	Unit LP ₹
Single Phase Class 1 Energy Meter	7KT0010	5355.-

SMART 7KT DC Energy Meter



Power monitoring devices for DC applications

- Bi-direction (charging and discharging) current can be measured by the same device
- Time stamped data logging of events
- Load profile analysis
- Single meter measures energy consumption of four independent loads connected to one Voltage source.
- Configurable relay outputs for limit function, pulse output, alarm, etc.
- RoHS compliant



Description	Type	Unit LP ₹
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 60 - 300V AC/DC	7KT0810	24480.-
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 12 - 70V DC	7KT0811	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt: 60 - 300V AC/DC	7KT0820	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt:12 - 70V DC	7KT0821	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 60 - 300V AC/DC	7KT0830	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 12 - 70V DC	7KT0831	

Accessories
(external shunt for DC meter)

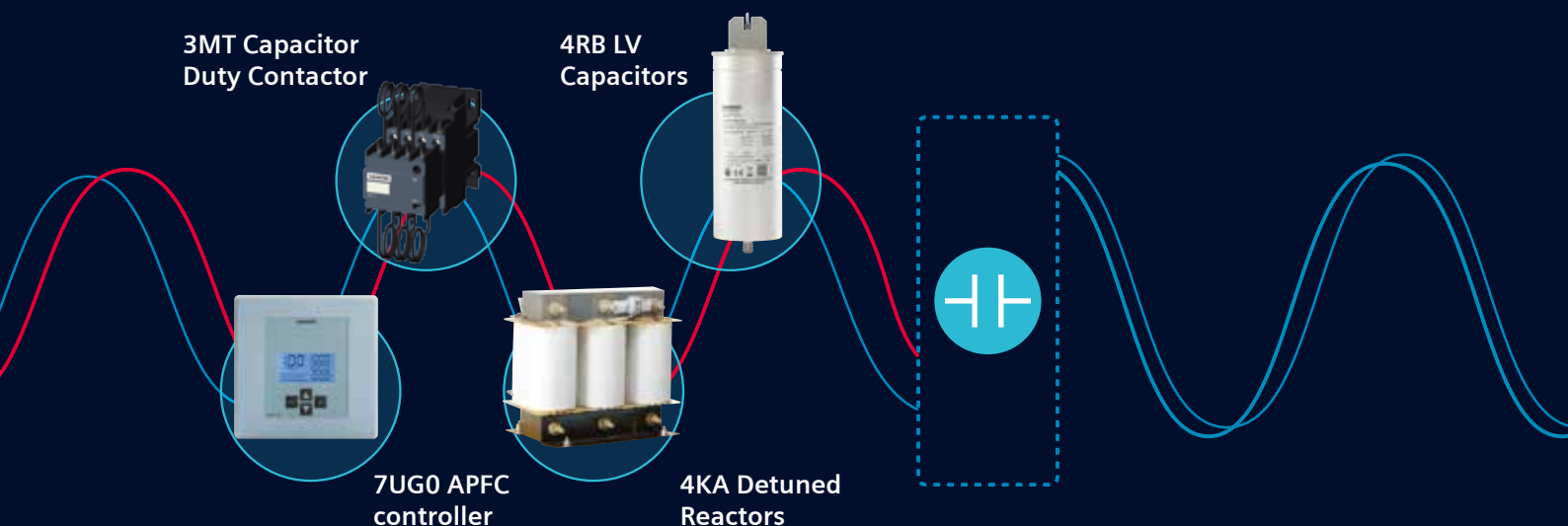
Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75mV	7KT0911	865.-
External Shunt for DC meter/ 100A/60mV	7KT0922	1080.-
External Shunt for DC meter/ 100A/75mV	7KT0923	1080.-
External Shunt for DC meter/ 150A/75mV	7KT0924	1340.-
External Shunt for DC meter/ 200A/60mV	7KT0925	2385.-

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



for more info
scan QR code

Power Factor Correction



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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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	3245.-	1
	6	4RB2060-3EE52-8K	3245.-	1
	7	4RB2070-3EE52-8K	3555.-	1
	7.5	4RB2075-3EE52-8K	3815.-	1
	8.3	4RB2083-3EE52-8K	4220.-	1
	10	4RB2100-3EE52-8K	5085.-	1
	12.5	4RB2125-3EE52-8K	5490.-	1
	15	4RB2150-3EE52-8K	6585.-	1
	20	4RB2200-3EE52-8K	8750.-	1
	20.8	4RB2208-3EE52-8K	9120.-	1
	25	4RB2250-3EE52-8K	10960.-	1
	28	4RB2280-3EE52-8K	12270.-	1
	30	4RB2300-3EE52-8K	13155.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2985.-	1
	5.5	4RB2055-3EJ52-8K	3310.-	1
	10.4	4RB2104-3EJ52-8K	5525.-	1
	11.1	4RB2111-3EJ52-8K	5635.-	1
	12.5	4RB2125-3EJ52-8K	5775.-	1
	20.8	4RB2208-3EJ52-8K	9600.-	1
	25	4RB2250-3EJ52-8K	11535.-	1
	27.7	4RB2277-3EJ52-8K	12785.-	1
	30	4RB2300-3EJ52-8K	13850.-	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.



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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	3980.-	1
	7.5	4RB2075-3EB53-8K	5285.-	1
	10.4	4RB2104-3EB53-8K	7340.-	1
	12.5	4RB2125-3EB53-8K	7960.-	1
	15	4RB2150-3EB53-8K	9560.-	1
	20	4RB2200-3EB53-8K	12740.-	1
	25	4RB2250-3EB53-8K	15925.-	1
440	5	4RB2050-3EE53-8K	4100.-	1
	7.5	4RB2075-3EE53-8K	5285.-	1
	10	4RB2100-3EE53-8K	7050.-	1
	12.5	4RB2125-3EE53-8K	7960.-	1
	15	4RB2150-3EE53-8K	9560.-	1
	20	4RB2200-3EE53-8K	12740.-	1
	25	4RB2250-3EE53-8K	15925.-	1
	30	4RB2300-3EE53-8K	19100.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	4100.-	1
	6.3	4RB2063-3EJ53-8K	4590.-	1
	10.4	4RB2104-3EJ53-8K	6865.-	1
	11	4RB2110-3EJ53-8K	7265.-	1
	12.5	4RB2125-3EJ53-8K	8250.-	1
	13.8	4RB2138-3EJ53-8K	9110.-	1
	15	4RB2150-3EJ53-8K	9895.-	1
	16.7	4RB2167-3EJ53-8K	11015.-	1
	18.7	4RB2187-3EJ53-8K	12330.-	1
	20	4RB2200-3EJ53-8K	13205.-	1
	22	4RB2220-3EJ53-8K	14505.-	1
	25	4RB2250-3EJ53-8K	16485.-	1
	28.1	4RB2281-3EJ53-8K	18535.-	1
525	30	4RB2300-3EJ53-8K	19775.-	1
	5	4RB2050-3FC53-8K	4225.-	1
	6.3	4RB2063-3FC53-8K	4740.-	1
	8.3	4RB2083-3FC53-8K	6235.-	1
	10.4	4RB2104-3FC53-8K	7095.-	1
	12.5	4RB2125-3FC53-8K	8535.-	1
	13.2	4RB2132-3FC53-8K	9015.-	1
	15	4RB2150-3FC53-8K	10230.-	1
	16.7	4RB2167-3FC53-8K	11415.-	1
	20	4RB2200-3FC53-8K	13645.-	1
	25	4RB2250-3FC53-8K	17055.-	1
	26.5	4RB2265-3FC53-8K	18080.-	1
	30	4RB2300-3FC53-8K	20475.-	1
	33.1	4RB2331-3FC53-8K	22580.-	1

Power Factor Correction



Std. Pkg. = 1 unit

* LP - List Price

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.

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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	4535.-	1
	6.3	4RB1063-3EB50-8K	5070.-	1
	7.5	4RB1075-3EB50-8K	6040.-	1
	10.4	4RB1104-3EB50-8K	8375.-	1
	12.5	4RB1125-3EB50-8K	9090.-	1
	15	4RB1150-3EB50-8K	10910.-	1
	20	4RB1200-3EB50-8K	14550.-	1
	25	4RB1250-3EB50-8K	18185.-	1
	28.1	4RB1281-3EB50-8K	20425.-	1
	30	4RB1300-3EB50-8K	21820.-	1
	33	4RB1330-3EB50-8K	24005.-	1
440	5	4RB1050-3EE50-8K	4680.-	1
	7.5	4RB1075-3EE50-8K	6040.-	1
	10	4RB1100-3EE50-8K	8055.-	1
	10.4	4RB1104-3EE50-8K	8375.-	1
	12.5	4RB1125-3EE50-8K	9090.-	1
	15	4RB1150-3EE50-8K	10910.-	1
	16.7	4RB1167-3EE50-8K	12145.-	1
	20	4RB1200-3EE50-8K	14550.-	1
	25	4RB1250-3EE50-8K	18185.-	1
	28.1	4RB1281-3EE50-8K	20425.-	1
	30	4RB1300-3EE50-8K	21820.-	1
	33.1	4RB1331-3EE50-8K	24070.-	1
	5	4RB1050-3EJ50-8K	4680.-	1
480	6.3	4RB1063-3EJ50-8K	5230.-	1
	8.3	4RB1083-3EJ50-8K	6905.-	1
	10.4	4RB1104-3EJ50-8K	7835.-	1
	11	4RB1111-3EJ50-8K	8295.-	1
	12.5	4RB1125-3EJ50-8K	9415.-	1
	13.8	4RB1138-3EJ50-8K	10405.-	1
	15	4RB1150-3EJ50-8K	11305.-	1
	16.7	4RB1167-3EJ50-8K	12575.-	1
	18.7	4RB1187-3EJ50-8K	14085.-	1
	20	4RB1200-3EJ50-8K	15075.-	1
	22	4RB1220-3EJ50-8K	16565.-	1
	25	4RB1250-3EJ50-8K	18820.-	1
	28.1	4RB1281-3EJ50-8K	21165.-	1
	30	4RB1300-3EJ50-8K	22590.-	1
	31	4RB1310-3EJ50-8K	23350.-	1
	33	4RB1330-3EJ50-8K	24865.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	4825.-	1
	6.3	4RB1063-3FC50-8K	5415.-	1
	8.3	4RB1083-3FC50-8K	7120.-	1
	10.4	4RB1104-3FC50-8K	8105.-	1
	12.5	4RB1125-3FC50-8K	9745.-	1
	13.2	4RB1132-3FC50-8K	10290.-	1
	15	4RB1150-3FC50-8K	11685.-	1
	16.7	4RB1167-3FC50-8K	13025.-	1
	20	4RB1200-3FC50-8K	15575.-	1
	25	4RB1250-3FC50-8K	19480.-	1
	26.5	4RB1265-3FC50-8K	20655.-	1
	30	4RB1300-3FC50-8K	23385.-	1
	33.1	4RB1331-3FC50-8K	25790.-	1
690	5.3	4RB1053-3GK50-8K	4265.-	1
	6.9	4RB1068-3GK50-8K	5570.-	1
	10.4	4RB1104-3GK50-8K	8375.-	1
	12.5	4RB1125-3GK50-8K	10070.-	1
	14.6	4RB1146-3GK50-8K	11760.-	1
	20	4RB1200-3GK50-8K	16105.-	1
	25	4RB1250-3GK50-8K	20135.-	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

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	20610.-
10kvar	5.67%	4KA1220-3AC01-0AA0	24460.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	28630.-
15kvar	5.67%	4KA1220-5AC01-0AA0	30930.-
20kvar	5.67%	4KA1220-6AC01-0AA0	33080.-
25kvar	5.67%	4KA1220-7AC01-0AA0	35390.-
5kvar	7%	4KA1220-1AA01-0AA0	20595.-
10kvar	7%	4KA1220-3AA01-0AA0	28255.-
12.5kvar	7%	4KA1220-4AA01-0AA0	30505.-
15kvar	7%	4KA1220-5AA01-0AA0	35220.-
20kvar	7%	4KA1220-6AA01-0AA0	37520.-
25kvar	7%	4KA1220-7AA01-0AA0	39485.-
50kvar	7%	4KA1220-2BA01-0AA0	70350.-
75kvar	7%	4KA1220-3BA03-0AA0	98660.-
100kvar	7%	4KA1220-4BA03-0AA0	124180.-
5kvar	14%	4KA1220-1AB01-0AA0	27115.-
12.5kvar	14%	4KA1220-4AB01-0AA0	45505.-
15kvar	14%	4KA1220-5AB01-0AA0	53290.-
20kvar	14%	4KA1220-6AB01-0AA0	64845.-
25kvar	14%	4KA1220-7AB01-0AA0	72905.-
50kvar	14%	4KA1220-2BB01-0AA0	118400.-
75kvar	14%	4KA1220-3BB03-0AA0	151470.-
100kvar	14%	4KA1220-4BB03-0AA0	220225.-

Std. Pkg. = 1 unit

* LP - List Price

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	15315.-
10kvar	5.67%	4KA1420-3AC01-0AA0	19525.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	21400.-
15kvar	5.67%	4KA1420-5AC01-0AA0	25305.-
20kvar	5.67%	4KA1420-6AC01-0AA0	28855.-
25kvar	5.67%	4KA1420-7AC01-0AA0	29215.-
50kvar	5.67%	4KA1420-2BC01-0AA0	53160.-
5kvar	7%	4KA1420-1AA01-0AA0	16300.-
10kvar	7%	4KA1420-3AA01-0AA0	20975.-
12.5kvar	7%	4KA1420-4AA01-0AA0	23195.-
15kvar	7%	4KA1420-5AA01-0AA0	26145.-
20kvar	7%	4KA1420-6AA01-0AA0	27840.-
25kvar	7%	4KA1420-7AA01-0AA0	29780.-
50kvar	7%	4KA1420-2BA01-0AA0	51205.-
75kvar	7%	4KA1420-3BA03-0AA0	69570.-
100kvar	7%	4KA1420-4BA03-0AA0	90975.-
5kvar	14%	4KA1420-1AB01-0AA0	22190.-
10kvar	14%	4KA1420-3AB01-0AA0	33290.-
12.5kvar	14%	4KA1420-4AB01-0AA0	36225.-
15kvar	14%	4KA1420-5AB01-0AA0	42885.-
20kvar	14%	4KA1420-6AB01-0AA0	47610.-
25kvar	14%	4KA1420-7AB01-0AA0	58095.-
50kvar	14%	4KA1420-2BB01-0AA0	102780.-

Power Factor Correction



3MT7 Capacitor Duty Contactors

NEW



Comprehensive Range

Available from 2.5kvar to 100kvar offering more options for accurate selection thus reducing the cost of installation.



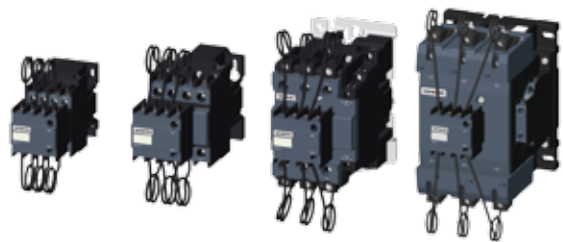
Reliable

The entire range is DIN rail mountable for quick installation and provides excellent damping of inrush current enhancing your system life.



Safe

Confirming to UL508, CSA 22.2, IEC 60947-4-1 and IEC 60947-5-1 standards and is RoHS compliant.



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	2460.-	1NC	3MT70002JA016A..	2460.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2720.-	1NC	3MT70005JA016A..	2720.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	2995.-	2NC	3MT70007JA026A..	2995.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	3730.-	2NC	3MT70010JA026A..	3730.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	3810.-	2NC	3MT70012JA026A..	3810.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5050.-	2NC	3MT70016JA026A..	5050.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	5615.-	2NC	3MT70020JA026A..	5615.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	6435.-	2NC	3MT70025JA026A..	6435.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	9755.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	15745.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	18430.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19590.-				1
80kvar	1NO+2NC	3MT70080JA126A..	24050.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24990.-				1

@ Please enter coil codes from table below

Coil for Conatctors 2.5 to 60 kvar

Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

Coil for Contactors 80 and 100 kvar

Frequency	110V AC	220V AC	240V AC	415V AC
50 Hz	F0	M0 ■	U0 ■	V0

Spares for 3MT7 Contactors

Contactor Coils	Type®	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	735.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	870.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2235.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2440.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	550.-	10
2NC	3MT70200CL09M1A	550.-	10

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	25735.-
	12 Stage with LCD display	7UG0572-1GT20	27570.-
	12 stage with LED display	7UG0572-1GT21	15765.-

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



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

Directional



7SR1002 / 3



7SR1004

Drawout

Non-Directional

Directional



7SR11



7SR12

Motor Protection

Non-Directional | Fixed



7SR105

Directional | Drawout



7SR17

Transformer Protection

Directional | Drawout

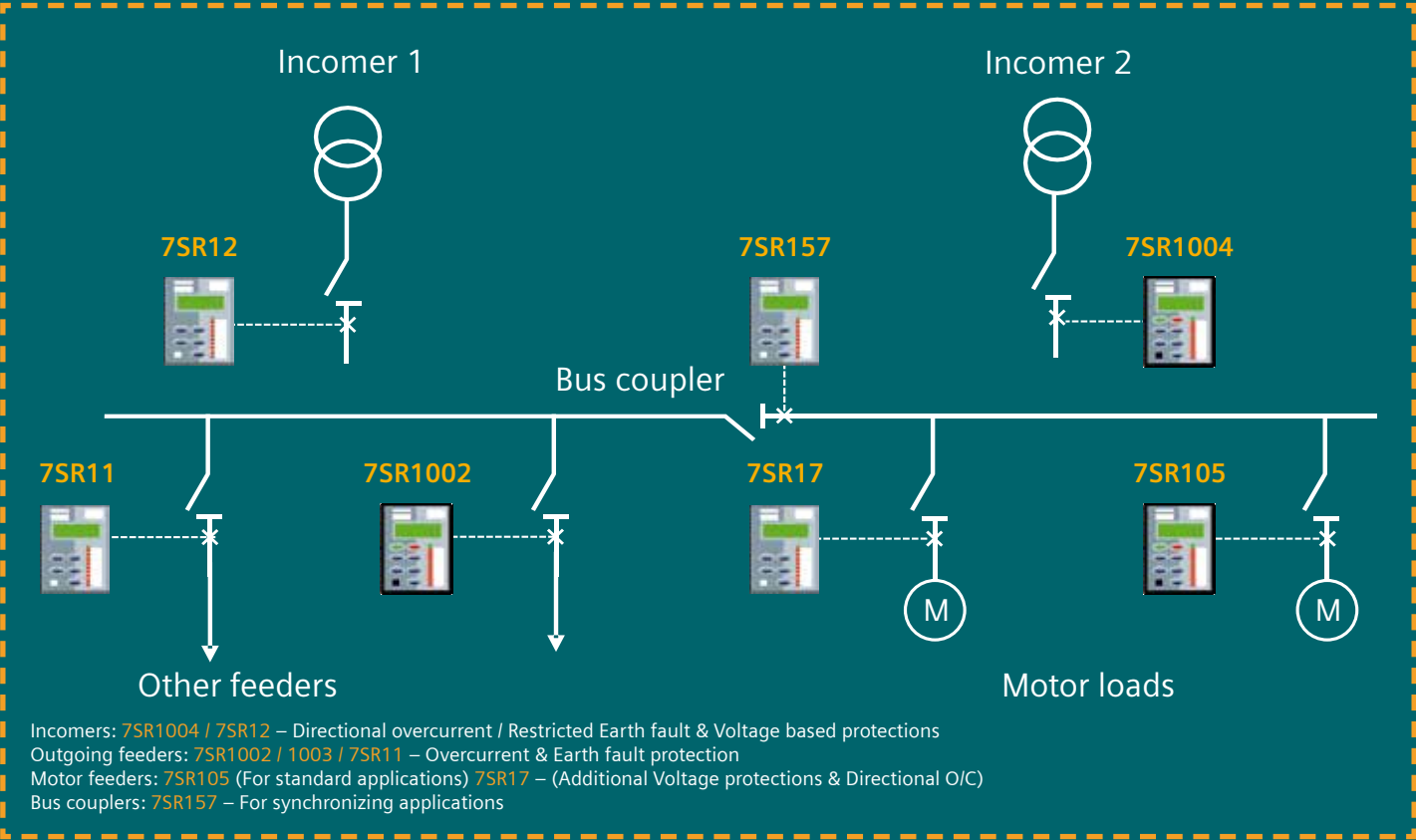


7SR242

Check synchronizing



7SR157



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	109305.-
		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	189375.-
		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	184530.-
		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	205835.-
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	158650.-
		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	244855.-
		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	261190.-
Transformer Protection		Drawout Transformer 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	545085.-

* 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	14035.-
		Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	14035.-
		Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	14035.-
		Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	14035.-
		Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	28185.-
		Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	28185.-
Trip Relays		Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	14035.-
		Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	14035.-
		TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	25740.-

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SENTRON Circuit protection devices with measuring and communication function

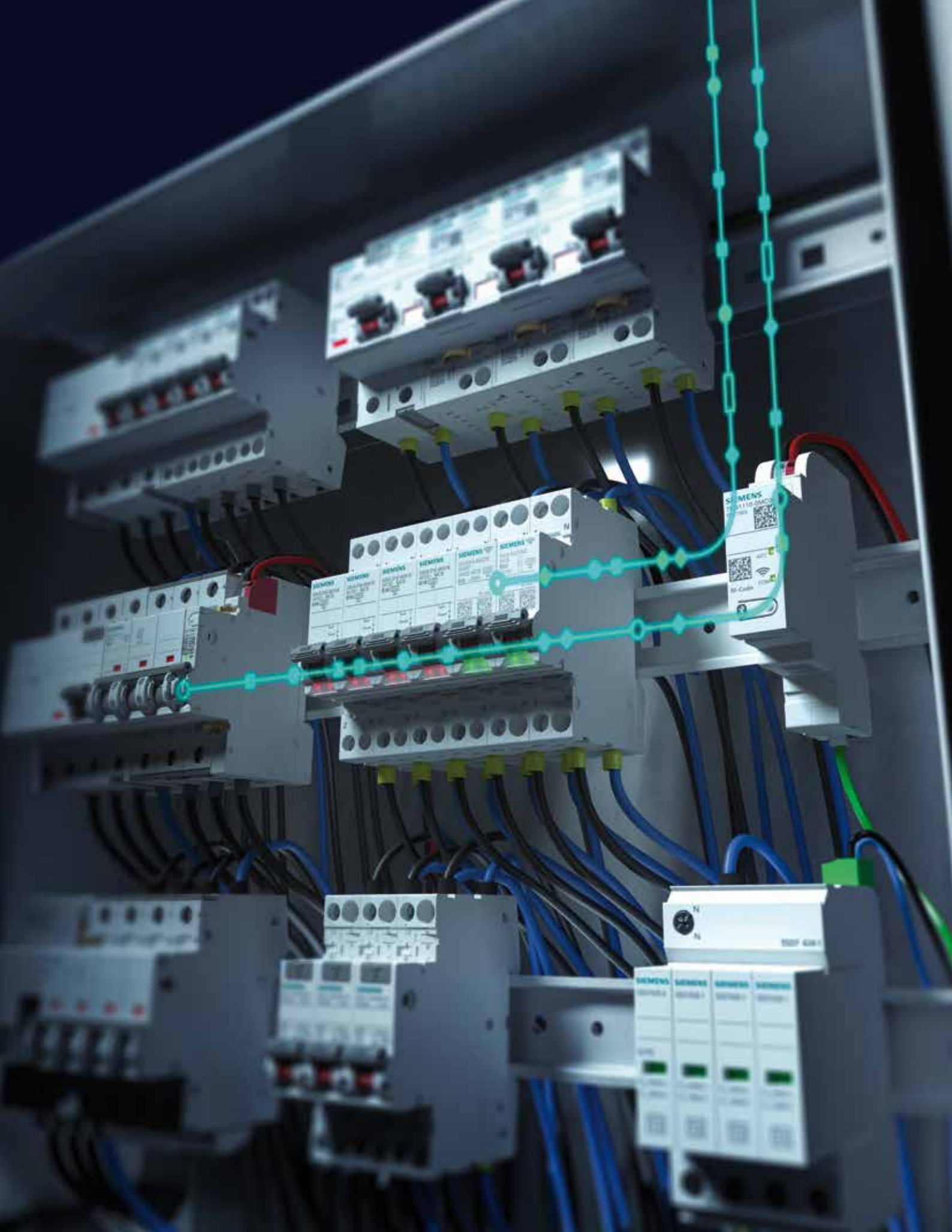


**SENTRON
5SV6 COM
AFDD/MCB**



**SENTRON
Powercenter 1000
data transceiver**





SINOVA THE POWER OF SIMPLICITY

NEW

5TJ Miniature Circuit Breakers

IEC

Safe
Complies with
IEC standards



Comprehensive
range
For various
applications



Reliable
Siemens trusted
quality



RoHS
compliance
Environmentally
friendly



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SIEMENS

Betagard Miniature Circuit Breakers

Type 5SL6 and 5SL4



- 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		
	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
	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
	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
	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



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#		Characteristic C	Characteristic D		Characterestic C, DC	Std. Pkg. (Nos)
	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

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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	540.-	1/6
	4	3NA78040RC	540.-	1/6
	6	3NA78010RC	540.-	1/6
	10	3NA78030RC	540.-	1/6
	16	3NA78050RC	545.-	1/6
	20	3NA78070RC	545.-	1/6
	25	3NA78100RC	545.-	1/6
	32	3NA78120RC	545.-	1/6
	40	3NA78170RC	570.-	1/6
	50	3NA78200RC	570.-	1/6
	63	3NA78220RC	635.-	1/6
	80	3NA78240RC	700.-	1/6
00	100	3NA78300RC	700.-	1/6
	125	3NA78320RC	835.-	1/6
	160	3NA78360RC	885.-	1/6
	50	3NA71200RC	1210.-	1/3
	63	3NA71220RC	1210.-	1/3
	80	3NA71240RC	1210.-	1/3
1	100	3NA71300RC	1210.-	1/3
	125	3NA71320RC	1265.-	1/3
	160	3NA71360RC	1300.-	1/3
	200	3NA71400RC	1300.-	1/3
	224	3NA71420RC	1355.-	1/3
	250	3NA71440RC	1465.-	1/3
	200	3NA72400RC	1795.-	1/3
	250	3NA72440RC	1870.-	1/3
2	315	3NA72520RC	1935.-	1/3
	400*	3NA72600RC	1935.-	1/3
	315	3NA33520RC	2755.-	1/3
3	400	3NA33600RC	2755.-	1/3
	500	3NA33650RC	3075.-	1/3
	630	3NA33720RC	3150.-	1/3
	800*	3NA33754RC	3835.-	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	775.-	1/6
	50	3NA78206RC	775.-	1/6
	63	3NA78226RC	835.-	1/6
	80	3NA78246RC	885.-	1/6
	100	3NA78306RC	885.-	1/6
1	125	3NA71326RC	1555.-	1/3
	160	3NA71366RC	1610.-	1/3
	200	3NA71406RC	1610.-	1/3
2	250	3NA72446RC	2130.-	1/3
	315	3NA72526RC	2295.-	1/3
3	400	3NA33606RC	3420.-	1/3
	425	3NA33626RC	3420.-	1/3
	500	3NA33656RC	3650.-	1/3

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	615.-	1
1	250	■ 3NG1250	925.-	1
2	400	■ 3NG1300	1505.-	1
3	630	■ 3NG1400	1560.-	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)	745.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	800.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	1495.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	2115.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	3050.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	3610.-	1/5



Fuse puller

Description	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	3655.-	1
Suitable only for fuse links and isolating links	3NX1010	1525.-	1



LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	835.-	1/10
00/000	3NX3116	520.-	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



3NA6 Fuse with Insulated Gripping Lugs

NEW

DIN fuses have been the most efficient and reliable short-circuit protection device in Industries for many years. Over the last decade its application in Power Utilities has gained significant prominence. Due to the demanding nature of power utilities, there is a need for specialized fuses that provide enhanced safety for both personnel and operators. Fuses with insulated gripping lugs is perfect solution for this.

3NA6 fuse links offers:

- Enhanced safety
- Easy installation
- Lower Watt-loss
- Ease of maintenance

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS



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

NEW

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

SENTRON COM LV HRC fuses (DIN) 3NA

NEW

- 3NA COM LV HRC fuse links, Size 2 With communication and metering function
- Standards: In accordance with IEC 60269-1/-2; EN 60269-1/-2; DIN VDE 0636-1/-2
- Class gG, Size 2
- Breaking capacity 100kA (AC)
- CE Marked

3NA COM LV HRC fuse links with integrated Electronic Module

Rated Voltage (V)	Rated Current (A)	Type	Utilization category	DIN Size	Unit LP® ₹	Std. pkg.** (nos.)
400	100 A	3NA32304KK01	gG	2	POR	1
	125 A	3NA32324KK01				
	160 A	3NA32364KK01				
	200 A	3NA32404KK01				
	224 A	3NA32424KK01				
	250 A	3NA32444KK01				
	315 A	3NA32524KK01				

3NA COM LV HRC fuse links without# integrated Electronic Module

Rated Voltage (V)	Rated Current (A)	Type	Utilization category	DIN Size	Unit LP® ₹	Std. pkg.** (nos.)
400	100 A	3NA32304KK02	gG	2	POR	1
	125 A	3NA32324KK02				
	160 A	3NA32364KK02				
	200 A	3NA32404KK02				
	224 A	3NA32424KK02				
	250 A	3NA32444KK02				
	315 A	3NA32524KK02				

Electrical module

Type	Description	Unit LP® ₹	Std. pkg.** (nos.)
3NX8201	Electronic Module for Smart Fuse	POR	1

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

* LP - List Price POR: Price On Request

For communication to be used with 3NX8201



Fuses



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	■ 3NWN52	150.-	20
4	■ 3NWN54	150.-	20
6	■ 3NWN56	150.-	20
10	■ 3NWN510	150.-	20
16	■ 3NWN516	150.-	20
20	■ 3NWN520	180.-	20
25	■ 3NWN525	180.-	20
32	■ 3NWN532	180.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	215.-	20
4	3NWTIA4	215.-	20
6	3NWTIA6	215.-	20
10	■ 3NWTIA10	240.-	20
16	■ 3NWTIA16	240.-	20
20	■ 3NWTIA20	240.-	20
25	■ 3NWTIA25	240.-	20
32	■ 3NWTIA32	240.-	20
40	3NWTIS40	330.-	20
50	■ 3NWTIS50	330.-	20
63	■ 3NWTIS63	330.-	20
80	3NWTCP80	850.-	10
100	■ 3NWTCP100	850.-	10
125	3NWTFP125	1725.-	5
160	3NWTFP160	1725.-	5
200	3NWTFP200	1725.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	915.-	10
100	3NWT100	915.-	10
125	3NWT125	1885.-	5
160	3NWT160	1885.-	5
200	3NWT200	1885.-	5
250	3NWT250	2605.-	1
315	3NWT315	2605.-	1
355	3NWT355	3035.-	1
400	3NWT400	3035.-	1
500	3NWT500	4770.-	1
630	3NWT630	5810.-	1
710	3NWT710	6640.-	1
800	3NWT800	6640.-	1

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	180.-	20
10	3NWTSA10	180.-	20
16	3NWTSA16	180.-	20
20	3NWTSA20	180.-	20
25	3NWTSA25	180.-	20
32	3NWTSA32	180.-	20
36	3NWTSS36	355.-	20
40	3NWTSS40	355.-	20
50	3NWTSS50	355.-	20
63	3NWTSS63	355.-	20
80	3NWTSDS80	670.-	20
100	3NWTSDS100	670.-	20
125	3NWTSP125	845.-	5
160	3NWTSP160	920.-	5
200	3NWTSP200	845.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	815.-	10
100	3NWTSDC100	815.-	10
125	3NWTSF125	850.-	5
160	3NWTSF160	850.-	5
200	3NWTSF200	850.-	5
250	3NWTSK250	2040.-	1
315	3NWTSK315	2040.-	1
355	3NWTSM355	3405.-	1
400	3NWTSM400	3405.-	1
450	3NWTST450	2825.-	1
500	3NWTST500	2825.-	1
560	3NWTSL560	5395.-	1
630	3NWTSL630	4575.-	1
800	3NWTSL800	6605.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWT32F9	3275.-	10
63	3NWT63F9	3845.-	10
100	3NWT100F9	4240.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	345.-	10
32	■ 3NW32NNSF	435.-	10
32A (Iso. Link)	■ 3NW32NNSL	190.-	10

** 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

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	0	3295.-	3
	40	3NE4102	gR	0	3310.-	3
	50	3NE4117	gR	0	3475.-	3
	80	3NE4120	aR	0	3755.-	3
	100	3NE4121	aR	0	4115.-	3
	125	3NE4122	aR	0	4420.-	3
	160	3NE4124	aR	0	4865.-	3

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	3NE43276	aR	—	9940.-	1
	315	3NE43306	aR	—	10265.-	1
	450	3NE43336	aR	—	10725.-	1
	500	3NE43346	aR	—	10815.-	1
	710	3NE43376	aR	—	12090.-	1

3NE8 type¹⁾ 690 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	7935.-	3
35	3NE80031	gR	00	7935.-	3
50	3NE80171	gR	00	7935.-	3
63	3NE80181	gR	00	7935.-	3
80	3NE80201	aR	00	8800.-	3
100	3NE80211	aR	00	9210.-	3
125	3NE80221	aR	00	9350.-	3
160	3NE80241	aR	00	10265.-	3
200	3NE12252	gR	1	25955.-	3
250	3NE12272	gR	1	26835.-	3
315	3NE12302	gR	1	27755.-	3
350	3NE13312	gR	2	36740.-	3
400	3NE13322	gR	2	47185.-	3
450	3NE13332	gR	2	39480.-	3
500	3NE13342	gR	2	41030.-	3
560	3NE14352	gR	3	50985.-	3
630	3NE14362	gR	3	52895.-	3
670	3NE14472	gR	3	54055.-	3
710	3NE14372	gR	3	56370.-	3
800	3NE14382	gR	3	60575.-	3
850	3NE14482	gR	3	65935.-	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	—	44280.-	3
1250	3NE9450	aR	—	41730.-	3

3NE1 type¹⁾ 690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	9350.-	3
20	3NE18140	gS	000	9350.-	3
25	3NE18150	gS	000	9350.-	3
35	3NE18030	gS	000	9350.-	3
40	3NE18020	gS	000	9350.-	3
50	3NE18170	gS	000	9350.-	3
63	3NE18180	gS	000	9350.-	3
80	3NE18200	gS	000	9350.-	3
100	3NE10210	gS	00	12070.-	3
125	3NE10220	gS	00	12070.-	3
160	3NE12240	gS	1	28530.-	3
200	3NE12250	gS	1	28530.-	3
250	3NE12270	gS	1	29955.-	3
315	3NE12300	gS	1	32125.-	3
350	3NE13310	gS	2	39890.-	3
400	3NE13320	gS	2	40235.-	3
450	3NE13330	gS	2	40490.-	3
500	3NE13340	gS	2	41090.-	3
560	3NE14350	gS	3	41325.-	3
630	3NE14360	gS	3	43110.-	3
710	3NE14370	gS	3	46000.-	3
800	3NE14380	gS	3	52520.-	3

3NE8 type 690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	8430.-	10
25	3NE87151	gR	000	8430.-	10
32	3NE87011	gR	000	8430.-	10
40	3NE87021	gR	000	8430.-	10
50	3NE87171	gR	000	8685.-	10
63	3NE87181	aR	000	8685.-	10
80	3NE87201	aR	000	9115.-	10
100	3NE87211	aR	000	9115.-	10
125	3NE87221	aR	000	8100.-	10
160	3NE87241	aR	000	9455.-	10
200	3NE87251	aR	000	9665.-	10
250	3NE87271	aR	000	10495.-	10
315	3NE87311	aR	000	13800.-	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	21245.-	3
125	3NE3222	aR	1	21860.-	3
160	3NE3224	aR	1	21860.-	3
200	3NE3225	aR	1	24055.-	3
250	3NE3227	aR	1	24690.-	3
315	3NE32300B	aR	1	25710.-	3
350	3NE3231	aR	1	30525.-	3
400	3NE32320B	aR	1	32695.-	3
450	3NE3233	aR	1	33865.-	3
400	3NE33320B	aR	2	33010.-	3
450	3NE3333	aR	2	34765.-	3
500	3NE33340B	aR	2	35415.-	3
560	3NE3335	aR	2	36750.-	3
630	3NE3336	aR	2	38505.-	3
710*	3NE33378	aR	2	52730.-	3
800*	3NE33388	aR	2	54185.-	3
900*	3NE33408	aR	2	64550.-	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	48855.-	3
200	3NC84253C	gR	3	34090.-	3
250	3NC84273C	gR	3	38975.-	3
350	3NC84313C	gR	3	40185.-	3
500	3NC84343C	gR	3	43430.-	3
1000*	3NC84443C	aR	3	78920.-	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	62385.-	2
224	3NE54260C	aR	3	68250.-	2
250	3NE56270C	aR	3	63315.-	3
315	3NE54300C	aR	3	65195.-	2
350	3NE54310C	aR	3	71565.-	2
450	3NE56330C	aR	3	71055.-	3
600	3NE56430C	aR	3	84550.-	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	315	690	M8	3NH5023		1/3
	3NE80...-3MK	400	690	M10	3NH5323		
	3NC32...-1U, 3NE82...-3MK	1600	690	M10	3NH5423		
110	3NC24, 3NC33...-1U, 3NC34...-1U, 3NC84, 3NE1...-3, 3NE32, 3NE33, 3NE34	1250	1250	M10	3NH5463	POR	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.

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	705.-	1/10
1A			3NW60111	705.-	1/10
2A			3NW60021	705.-	1/10
4A			3NW60041	705.-	1/10
6A			3NW60011	705.-	1/10
8A			3NW60081	705.-	1/10
10A			3NW60031	705.-	1/10
12A			3NW60061	705.-	1/10
16A			3NW60051	705.-	1/20
20A			3NW60071	705.-	1/20
25A			3NW60101	705.-	1/20
32A		400	3NW60121	705.-	1/20



Cylindrical Fuse, Size 22 x 58

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
16A	22 x 58	690	3NW62051	1360.-	1/10
20A			3NW62071	1360.-	1/10
25A			3NW62101	1360.-	1/10
32A			3NW62121	1360.-	1/10
40A			3NW62171	1495.-	1/10
50A			3NW62201	1495.-	1/10
63A		500	3NW62221	1495.-	1/10
80A			3NW62241	1495.-	1/10
100A			3NW62301	1655.-	1/10

* LP - List Price

Cylindrical Fuse, Size 14 x 51

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
4A	14 x 51	690	3NW61041	780.-	1/10
6A			3NW61011	780.-	1/10
8A			3NW61081	780.-	1/10
10A			3NW61031	780.-	1/10
12A			3NW61061	780.-	1/10
16A			3NW61051	780.-	1/10
20A			3NW61071	780.-	1/10
25A			3NW61101	780.-	1/10
32A			3NW61121	925.-	1/10
40A		500	3NW61171	925.-	1/10
50A			3NW61201	925.-	1/10



Cylindrical Fuse holders

No of Poles	Size	Rating (A)	MW	Type	Unit LP* ₹	Std. pkg.** (nos.)
1P	10 x 38	32A	1	3NW7013	1255.-	1/1
	14 x 51	50A	1.5	3NW7111	3985.-	1/1
	22 x 58	100A	2	3NW7211	6515.-	1/1
1+N	10 x 38	32A	1	3NW7053	2565.-	1/1
	14 x 51	50A	3	3NW7151	8250.-	1/1
	22 x 58	100A	4	3NW7251	13355.-	1/1
2P	10 x 38	32A	2	3NW7023	2515.-	1/1
	14 x 51	50A	3	3NW7121	7945.-	1/1
	22 x 58	100A	4	3NW7221	11245.-	1/1
3P	10 x 38	32A	3	3NW7033	3780.-	1/1
	14 x 51	50A	4.5	3NW7131	11900.-	1/1
	22 x 58	100A	6	3NW7231	16770.-	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 + Bi-relay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / bi-relay, 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 contact your nearest Siemens Sales Office.)
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VM MCCB for ratings below 75kW, please contact your nearest Siemens Sales Office.
- 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 + Bi-relay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / bi-relay, 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 contact your nearest Siemens Sales Office.)
- 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 contact your nearest Siemens Sales Office.
- 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 + Bi-Relay (+ 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 contact your nearest Siemens Sales Office.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnecter 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

Type-2 Coordination Charts

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	I _{Ph} 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 + Bi-Relay (+ 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 contact your nearest Siemens Sales Office..)
- 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	3UA5000-1B	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.	I _{ph} 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

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	4735.-	3KL8111-3TJ00	4585.-	3KL8111-3TC00	4660.-	1
32A	3KL8121-3TA00	4850.-	3KL8121-3TJ00	4740.-	3KL8121-3TC00	4810.-	1
63A	3KL8151-3TA00	6850.-	3KL8151-3TJ00	6625.-	3KL8151-3TC00	6685.-	1
100A	3KL8211-3TA00	13685.-	3KL8211-3TJ00	13430.-			1
125A	3KL8221-3TA00	17895.-	3KL8221-3TJ00	17660.-			1
160A ^{\$}	3KL8231-3TA00	19535.-	3KL8231-3TJ00	19260.-			1
200A	3KL8311-3UA00	24955.-	3KL8311-3UJ00	24150.-			1
250A	3KL8321-3UA00	29335.-	3KL8321-3UJ00	29860.-			1
315A	3KL8331-3UA00	36270.-	3KL8331-3UJ00	35325.-			1
400A ^{\$}	3KL8341-3UA00	43695.-	3KL8341-3UJ00	44350.-			1
500A	3KL8411-3UA00	68365.-	3KL8411-3UJ00	65750.-			1
630A	3KL8421-3UA00	70235.-	3KL8421-3UJ00	68130.-			1
800A ^{\$}	3KL8431-3UA00	76085.-	3KL8431-3UJ00	73835.-			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	595.-	3KX8230-0AC	855.-	3KX8340-0AC	1255.-	3KX8430-0AC	1775.-	1
Terminal Cover (1 set)	–	–	3KX8231-0AC	725.-	3KX8341-0AC	1370.-	3KX8431-0AC	1605.-	1
Isolable Neutral cover	–	–	3KX8232-0AC	360.-	3KX8342-0AC	590.-	3KX8432-0AC	725.-	1
Phase Barrier ^{\$\$}	3KX8153-0AC	240.-	3KX8233-0AC	240.-	3KX8343-0AC	350.-	3KX8433-0AC	450.-	1

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

3VT MCCBs

Description	Type
3VT Main switching unit without Trip Units	3VT2
3VT Main switching unit without Trip Units	3VT3
3VT Main switching unit without Trip Units	3VT4
3VT Main switching unit without Trip Units	3VT5
3VT Microprocessor Based Trip Unit (ETU)	3VT9
Accessories for 3VT2-5	3VT9..,\ 3VT9..

Discontinued products

3KC Automatic Transfer Controller

Description	Type
ATC 5300	3KC9000-8TL30

Control switches 3ST

Switch	Description	Type
2-Pole On-Off ^{1), 2)}	415V, 50Hz/8.5A	■ 3ST1 400-0AF08 ■ 3ST1 400-1AH08
3-Pole On-Off ^{1), 2)}		
Ammeter selector	0-L1-L2-L3	■ 3ST1 400-2RQ08
Voltmeter selector	0-L1L2-L2L3-L3L1	■ 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'

Description	Type
3VL MCCBs	3VL1 - 3VL8
3VL Accessories	3VL9..., 13VL9...

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.

SIECAP™ LV Power Capacitors

ND (Normal Duty)

Rated voltage V	kvar @ 50 Hz	Type
440	0.9	4RB2008-3EE50-8K
	1	4RB2010-3EE50-8K
	1.2	4RB2012-3EE50-8K
	1.5	4RB2015-3EE50-8K
	2.1	4RB2021-3EE50-8K
	2.5	4RB2025-3EE50-8K
	3	4RB2030-3EE50-8K
	4.2	4RB2042-3EE50-8K
	5	4RB2050-3EE50-8K
	6	4RB2060-3EE50-8K
	7	4RB2070-3EE50-8K
	7.5	4RB2075-3EE50-8K
	8.3	4RB2083-3EE50-8K
	9	4RB2090-3EE50-8K
	10	4RB2100-3EE50-8K
	12.5	4RB2125-3EE50-8K
	15	4RB2150-3EE50-8K
	16.7	4RB2167-3EE50-8K
	20	4RB2200-3EE50-8K
	20.8	4RB2208-3EE50-8K
	25	4RB2250-3EE50-8K
	28	4RB2280-3EE50-8K
	30	4RB2300-3EE50-8K

Rated voltage V	kvar @ 50 Hz	Type
480	1	4RB2010-3EJ50-8K
	1.5	4RB2015-3EJ50-8K
	2	4RB2020-3EJ50-8K
	2.5	4RB2025-3EJ50-8K
	4.2	4RB2042-3EJ50-8K
	5	4RB2050-3EJ50-8K
	5.5	4RB2055-3EJ50-8K
	8.3	4RB2083-3EJ50-8K
	10.4	4RB2104-3EJ50-8K
	11.1	4RB2111-3EJ50-8K
	12.5	4RB2125-3EJ50-8K
	13.8	4RB2138-3EJ50-8K
	15	4RB2150-3EJ50-8K
	16.7	4RB2167-3EJ50-8K
	20.8	4RB2208-3EJ50-8K
	25	4RB2250-3EJ50-8K
	27.7	4RB2277-3EJ50-8K
	30	4RB2300-3EJ50-8K

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

* LP - List Price POR: Price On Request

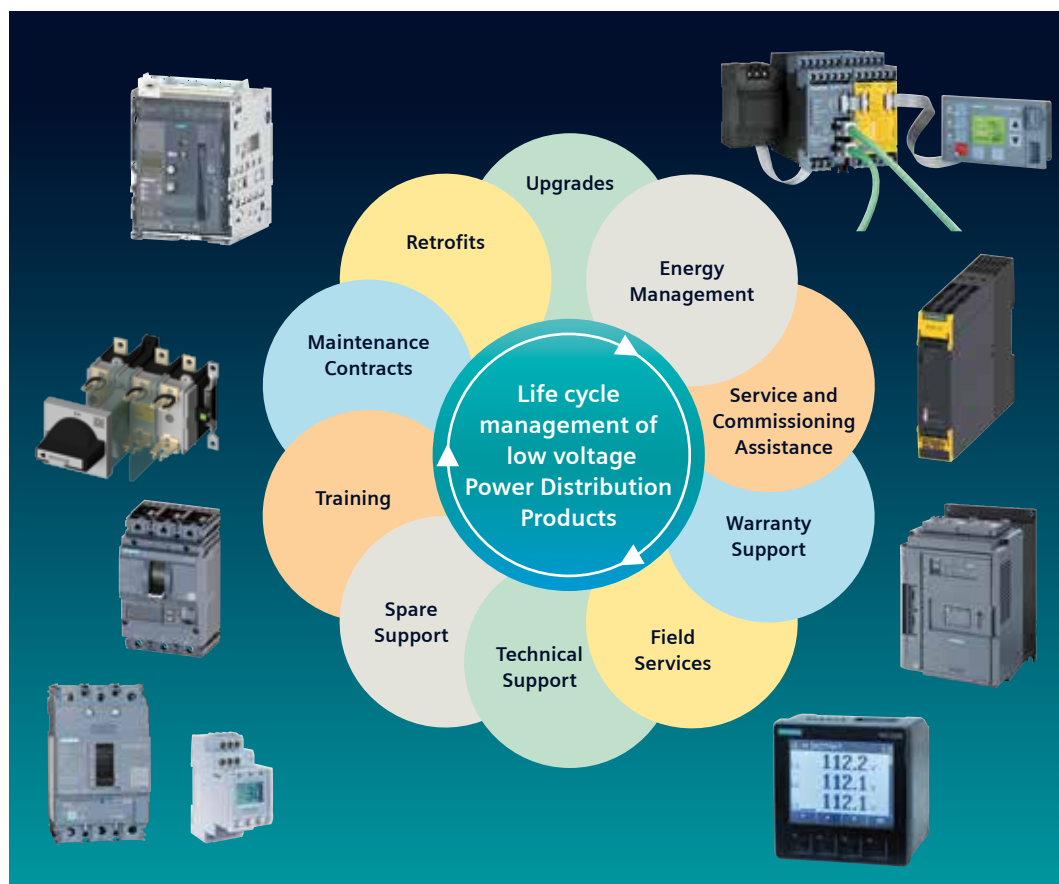
* MRP - Maximum Retail Price

One point contact for your service needs

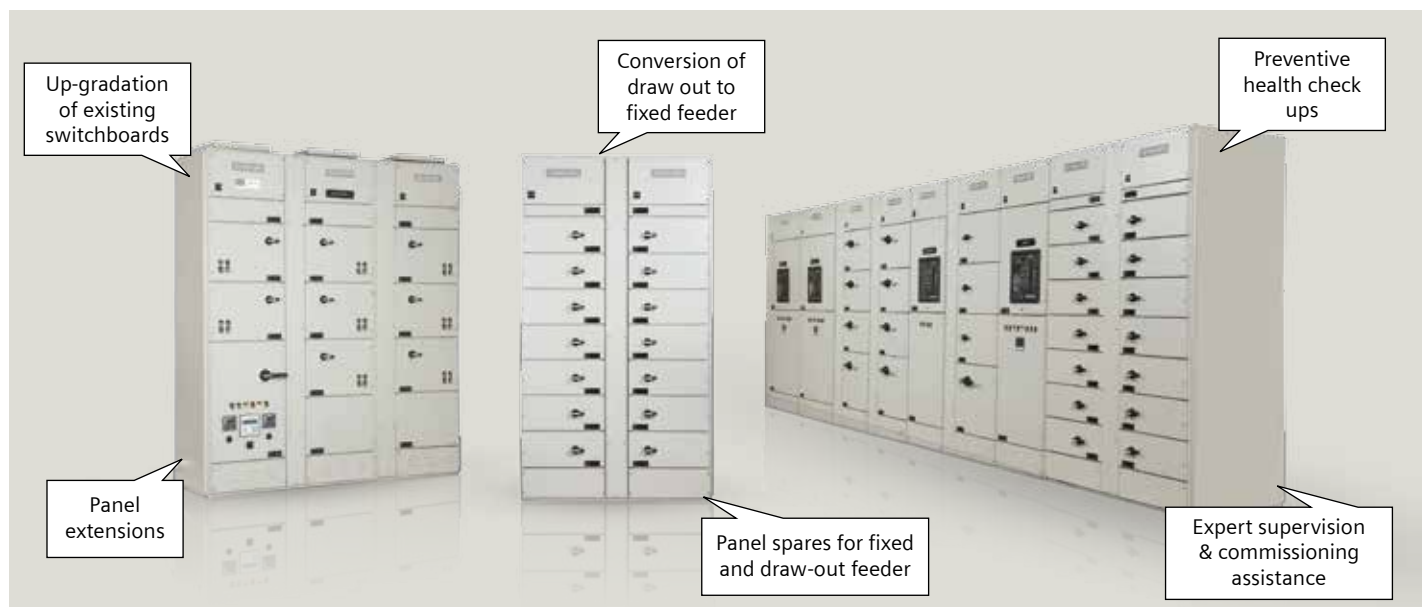
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- Invoice amount = MRP (less) applicable discount + applicable GST %
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Notes

Notes

Notes section with horizontal dotted lines for writing.



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