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Low Voltage Power Distribution Products

Price List w.e.f. 1st December 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



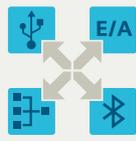
Scan for more info



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



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.

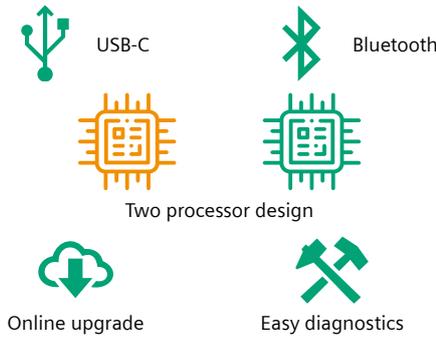
Welcome to the future of digital power distribution.

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

SIEMENS

ACB: SENTRON 3WA

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



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

Manually operated ACB

Microprocessor based trip unit ETU600 with LSING¹⁾ protection

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

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

Note: Std. Pkg. = 1 unit

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

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

Add-on options (Factory fitted)

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

Castell locks are to be ordered separately.

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

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

Motorized mechanism with other control voltages are available on request



Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24-30	3WA9111-0AD02	25730.-
	110-127	110-125	3WA9111-0AD05	25730.-
	208-240	220-250	3WA9111-0AD06	25730.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	28445.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	142260.-
	110-127	110-125	3WA9111-0AF05	142260.-
	208-240	220-250	3WA9111-0AF06	142260.-
Castell Lock	-	-	3WX3663-6JEL_ ^s	7555.-

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

\$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.
 Std. Pkg. = 1 unit POR: Price On Request * LP - List Price

ACB: SENTRON 3WL *Plus*

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



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

Manually operated ACB

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

Frame Size	Rated Current In (A)	Type	Withdrawable design with Guide Frame		Fixed mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WL1106....	POR	POR	POR	POR
	800	3WL1108....				
	1000	3WL1110....				
	1250	3WL1112....				
	1600	3WL1116....				
II	2000	3WL1220....	POR	POR	POR	POR
	2500	3WL1225....				
	3200	3WL1232....				
	4000	3WL1240....				
III	5000	3WL1350....	POR	POR	POR	POR
	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

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

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/IF) = Door sealing frame, ready to close signal switch, auxiliary contacts 2NO+2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

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

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

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24-30	3WA9111-0AD02	25730.-
	110-127	110-125	3WA9111-0AD05	25730.-
	208-240	220-250	3WA9111-0AD06	25730.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	28445.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	142260.-
	110-127	110-125	3WA9111-0AF05	142260.-
	208-240	220-250	3WA9111-0AF06	142260.-
Castell Lock	-	-	3WX3663-6JEL_ ^s	7555.-

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/25.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

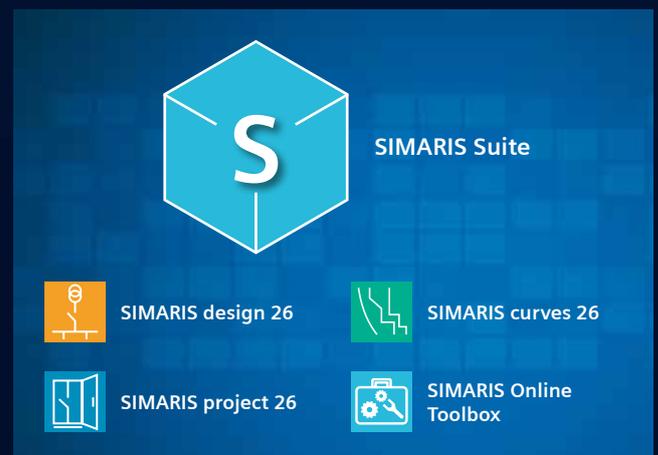
SIMARIS curves

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



www.siemens.co.in

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	424190.-	3WT8065-6AA04-5AB2	551460.-	
		EDO	3WT8061-6UA34-5AB2	548685.-	3WT8065-6UA34-5AB2	675955.-	
	800	MDO	3WT8081-6AA04-5AB2	447685.-	3WT8085-6AA04-5AB2	586035.-	
		EDO	3WT8081-6UA34-5AB2	572180.-	3WT8085-6UA34-5AB2	710530.-	
	1000	MDO	3WT8101-6AA04-5AB2	459835.-	3WT8105-6AA04-5AB2	596460.-	
		EDO	3WT8101-6UA34-5AB2	584330.-	3WT8105-6UA34-5AB2	720955.-	
	1250	MDO	3WT8121-6AA04-5AB2	564810.-	3WT8125-6AA04-5AB2	671450.-	
		EDO	3WT8121-6UA34-5AB2	689305.-	3WT8125-6UA34-5AB2	795945.-	
	● 1600	MDO	3WT8161-6AA04-5AB2	606195.-	3WT8165-6AA04-5AB2	733810.-	
		EDO	3WT8161-6UA34-5AB2	730690.-	3WT8165-6UA34-5AB2	858305.-	
	II	● 2000	MDO	3WT8202-6AA04-5AB2	761635.-	3WT8206-6AA04-5AB2	937380.-
			EDO	3WT8202-6UA34-5AB2	886130.-	3WT8206-6UA34-5AB2	1061875.-
● 2500		MDO	3WT8252-6AA04-5AB2	862705.-	3WT8256-6AA04-5AB2	1096795.-	
		EDO	3WT8252-6UA34-5AB2	987200.-	3WT8256-6UA34-5AB2	1221290.-	
● 3200		MDO	3WT8322-6AA04-5AB2	1106040.-	3WT8326-6AA04-5AB2	1357115.-	
		EDO	3WT8322-6UA34-5AB2	1230535.-	3WT8326-6UA34-5AB2	1481610.-	

Microprocessor based Trip Units

ETU35WT: LSI + Display



Reduce

865.-



Reduce

865.-

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	311725.-	3WT8065-6AA00-0AA2	421740.-	
		EF	3WT8061-6UA30-0AA2	436220.-	3WT8065-6UA30-0AA2	546235.-	
	800	MF	3WT8081-6AA00-0AA2	336480.-	3WT8085-6AA00-0AA2	462975.-	
		EF	3WT8081-6UA30-0AA2	460975.-	3WT8085-6UA30-0AA2	587470.-	
	1000	MF	3WT8101-6AA00-0AA2	343015.-	3WT8105-6AA00-0AA2	490460.-	
		EF	3WT8101-6UA30-0AA2	467510.-	3WT8105-6UA30-0AA2	614955.-	
	1250	MF	3WT8121-6AA00-0AA2	466565.-	3WT8125-6AA00-0AA2	551720.-	
		EF	3WT8121-6UA30-0AA2	591060.-	3WT8125-6UA30-0AA2	676215.-	
	● 1600	MF	3WT8161-6AA00-0AA2	476380.-	3WT8165-6AA00-0AA2	590985.-	
		EF	3WT8161-6UA30-0AA2	600875.-	3WT8165-6UA30-0AA2	715480.-	
	II	● 2000	MF	3WT8202-6AA00-0AA2	535760.-	3WT8206-6AA00-0AA2	769090.-
			EF	3WT8202-6UA30-0AA2	660255.-	3WT8206-6UA30-0AA2	893585.-
● 2500		MF	3WT8252-6AA00-0AA2	604750.-	3WT8256-6AA00-0AA2	902975.-	
		EF	3WT8252-6UA30-0AA2	729245.-	3WT8256-6UA30-0AA2	1027470.-	
● 3200	MF	3WT8322-6AA00-0AA2	920780.-	3WT8326-6AA00-0AA2	1133990.-		
	EF	3WT8322-6UA30-0AA2	1045275.-	3WT8326-6UA30-0AA2	1258485.-		

Microprocessor based Trip Units

ETU35WT: LSI + Display



Reduce

865.-



Reduce

865.-

For Non-Automatic ACBs please deduct ₹ 1965/- 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	133590.-
	220-240	220-250	3WT9831-1JK00	133590.-
Shunt Release or Closing Coil Suitable for continuous operation	–	24	3WT9851-1JB00	11445.-
	110-127	110-125	3WT9851-1JH00	11445.-
Under Voltage Release Instantaneous	220-240	220-250	3WT9851-1JK00	11445.-
	110-127	110-125	3WT9853-1JH00	11885.-
	208-240	220-250	3WT9853-1JK00	11885.-
Auxiliary Terminal Block	380-415	–	3WT9853-1JM00	11885.-
	Fixed circuit breaker		3WT9825-1JC00	8360.-
	Drawout circuit breaker		3WT9827-1JA00	8360.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	6395.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	25860.-
5 digit operating cycle counter			3WT9864-OCA00	21590.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	20070.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	20070.-
Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)			3WT9863-6JE00	18520.-
Castell Lock			3WX3663-6JEL_#	7555.-
Door Sealing Frame (Also suitable for 3WL ACB)			3WX3686-0JA00	4820.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	45825.-
	Size II		3WL9111-0AA22-0AA0	55720.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	50300.-
	Size II		3WL9111-0AA32-0AA0	57730.-

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 SETRON range of ACBs. <ul style="list-style-type: none"> • Minimum Shut Down Time • No change in the existing panel except door cut out • No change in the existing panel bus-bars • Proven Siemens Design • No over heating • Cost Effective & Quality Solution 	Upon enquiry

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

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

SENTRON Powerconfig

Parameterization and commissioning of LV power distribution

Parameterization

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



Service

- Firmware update
- Function upgrade



Diagnosis

- Measured value recording
- Communication test
- Device diagnosis



Documentation

- Project file
- Documentation export
- Device template



SIEMENS



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

www.siemens.co.in



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, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	14290.-	3VA1096-2ED42-0AA0	18525.-
		20	3VA1020-2ED32-0AA0	14290.-	3VA1020-2ED42-0AA0	18525.-
		25	3VA1025-2ED32-0AA0	14290.-	3VA1025-2ED42-0AA0	18525.-
		32	3VA1032-2ED32-0AA0	14290.-	3VA1032-2ED42-0AA0	18525.-
		40	3VA1040-2ED32-0AA0	14290.-	3VA1040-2ED42-0AA0	18525.-
		50	3VA1050-2ED32-0AA0	14290.-	3VA1050-2ED42-0AA0	18525.-
		63	3VA1063-2ED32-0AA0	14290.-	3VA1063-2ED42-0AA0	18525.-
		80	3VA1080-2ED32-0AA0	15630.-	3VA1080-2ED42-0AA0	20305.-
3VA10	25kA	100	3VA1010-2ED32-0AA0	18095.-	3VA1010-2ED42-0AA0	23565.-
		16	3VA1096-3ED32-0AA0	14680.-	3VA1096-3ED42-0AA0	19150.-
		20	3VA1020-3ED32-0AA0	14680.-	3VA1020-3ED42-0AA0	19150.-
		25	3VA1025-3ED32-0AA0	14680.-	3VA1025-3ED42-0AA0	19150.-
		32	3VA1032-3ED32-0AA0	14680.-	3VA1032-3ED42-0AA0	19150.-
		40	3VA1040-3ED32-0AA0	14680.-	3VA1040-3ED42-0AA0	19150.-
		50	3VA1050-3ED32-0AA0	14680.-	3VA1050-3ED42-0AA0	19150.-
		63	3VA1063-3ED32-0AA0	14680.-	3VA1063-3ED42-0AA0	19150.-
3VA11	25kA	80	3VA1080-3ED32-0AA0	15960.-	3VA1080-3ED42-0AA0	20770.-
		100	3VA1010-3ED32-0AA0	18820.-	3VA1010-3ED42-0AA0	24045.-
3VA11	25kA	125	3VA1112-3ED32-0AA0	31730.-	3VA1112-3ED42-0AA0	40430.-
		160	3VA1116-3ED32-0AA0	36230.-	3VA1116-3ED42-0AA0	47145.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	15490.-	3VA1196-4GD42-0AA0	21435.-
		20	3VA1020-4ED32-0AA0	15490.-	3VA1120-4GD42-0AA0	21435.-
		25	3VA1025-4ED32-0AA0	15490.-	3VA1125-4GD42-0AA0	21435.-
		32	3VA1032-4ED32-0AA0	15490.-	3VA1132-4GD42-0AA0	21435.-
		40	3VA1040-4ED32-0AA0	15490.-	3VA1140-4GD42-0AA0	21435.-
		50	3VA1050-4ED32-0AA0	15490.-	3VA1150-4GD42-0AA0	21435.-
		63	3VA1063-4ED32-0AA0	15490.-	3VA1163-4GD42-0AA0	21435.-
		80	3VA1080-4ED32-0AA0	16255.-	3VA1180-4GD42-0AA0	23505.-
3VA11	36kA	100	3VA1010-4ED32-0AA0	19565.-	3VA1110-4GD42-0AA0	27150.-
		125	3VA1112-4ED32-0AA0	33805.-	3VA1112-4GD42-0AA0	43945.-
3VA11	36kA	160	3VA1116-4ED32-0AA0	39415.-	3VA1116-4GD42-0AA0	51250.-
		16	3VA1196-5ED32-0AA0	18155.-	3VA1196-5GD42-0AA0	23565.-
3VA11	55kA	20	3VA1120-5ED32-0AA0	18155.-	3VA1120-5GD42-0AA0	23565.-
		25	3VA1125-5ED32-0AA0	18155.-	3VA1125-5GD42-0AA0	23565.-
		32	3VA1132-5ED32-0AA0	18155.-	3VA1132-5GD42-0AA0	23565.-
		40	3VA1140-5ED32-0AA0	18155.-	3VA1140-5GD42-0AA0	23565.-
		50	3VA1150-5ED32-0AA0	18155.-	3VA1150-5GD42-0AA0	23565.-
		63	3VA1163-5ED32-0AA0	18500.-	3VA1163-5GD42-0AA0	23565.-
		80	3VA1180-5ED32-0AA0	19920.-	3VA1180-5GD42-0AA0	25875.-
		100	3VA1110-5ED32-0AA0	23060.-	3VA1110-5GD42-0AA0	29905.-
		125	3VA1112-5ED32-0AA0	37155.-	3VA1112-5GD42-0AA0	48285.-
		160	3VA1116-5ED32-0AA0	43320.-	3VA1116-5GD42-0AA0	56380.-

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

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

SENTRON 3VA - Flying on the wings of technology

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	18630.-	3VA1196-3GE42-0AA0	26685.-
		20	3VA1120-3EE32-0AA0	18630.-	3VA1120-3GE42-0AA0	26685.-
		25	3VA1125-3EE32-0AA0	18630.-	3VA1125-3GE42-0AA0	26685.-
		32	3VA1132-3EE32-0AA0	18630.-	3VA1132-3GE42-0AA0	26685.-
		40	3VA1140-3EE32-0AA0	18630.-	3VA1140-3GE42-0AA0	26685.-
		50	3VA1150-3EE32-0AA0	18630.-	3VA1150-3GE42-0AA0	26685.-
		63	3VA1163-3EE32-0AA0	18630.-	3VA1163-3GE42-0AA0	26685.-
		80	3VA1180-3EE32-0AA0	18630.-	3VA1180-3GE42-0AA0	26685.-
		100	3VA1110-3EE32-0AA0	19920.-	3VA1110-3GE42-0AA0	26685.-
		125	3VA1112-3EE32-0AA0	33805.-	3VA1112-3GE42-0AA0	41630.-
3VA11	36kA	160	3VA1116-3EE32-0AA0	37295.-	3VA1116-3GE42-0AA0	48350.-
		16	3VA1196-4EE32-0AA0	23005.-	3VA1196-4GE42-0AA0	30105.-
		20	3VA1120-4EE32-0AA0	23005.-	3VA1120-4GE42-0AA0	30105.-
		25	3VA1125-4EE32-0AA0	23005.-	3VA1125-4GE42-0AA0	30105.-
		32	3VA1132-4EE32-0AA0	23005.-	3VA1132-4GE42-0AA0	30105.-
		40	3VA1140-4EE32-0AA0	23005.-	3VA1140-4GE42-0AA0	30105.-
		50	3VA1150-4EE32-0AA0	23005.-	3VA1150-4GE42-0AA0	30105.-
		63	3VA1163-4EE32-0AA0	23005.-	3VA1163-4GE42-0AA0	30105.-
		80	3VA1180-4EE32-0AA0	23005.-	3VA1180-4GE42-0AA0	30105.-
		100	3VA1110-4EE32-0AA0	23005.-	3VA1110-4GE42-0AA0	30105.-
3VA12		125	3VA1112-4EE32-0AA0	35395.-	3VA1112-4GE42-0AA0	45090.-
		160	3VA1116-4EE32-0AA0	40515.-	3VA1116-4GE42-0AA0	52580.-
3VA13		200	3VA1220-4EE32-0AA0	51105.-	3VA1220-4GE42-0AA0	62965.-
		250	3VA1225-4EE32-0AA0	54175.-	3VA1225-4GE42-0AA0	68015.-
3VA14		320	3VA1332-4EE32-0AA0	72650.-	3VA1332-4GE42-0AA0	94055.-
		400	3VA1340-4EE32-0AA0	72650.-	3VA1340-4GE42-0AA0	94055.-
3VA14		500	3VA1450-4EE32-0AA0	93765.-	3VA1450-4GE42-0AA0	121465.-
		630	3VA1463-4EE32-0AA0	93765.-	3VA1463-4GE42-0AA0	121465.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	26210.-	3VA1196-5GE42-0AA0	33125.-
		20	3VA1120-5EE32-0AA0	26210.-	3VA1120-5GE42-0AA0	33125.-
		25	3VA1125-5EE32-0AA0	26210.-	3VA1125-5GE42-0AA0	33125.-
		32	3VA1132-5EE32-0AA0	26210.-	3VA1132-5GE42-0AA0	33125.-
		40	3VA1140-5EE32-0AA0	26210.-	3VA1140-5GE42-0AA0	33125.-
		50	3VA1150-5EE32-0AA0	26210.-	3VA1150-5GE42-0AA0	33125.-
		63	3VA1163-5EE32-0AA0	26210.-	3VA1163-5GE42-0AA0	33125.-
		80	3VA1180-5EE32-0AA0	26210.-	3VA1180-5GE42-0AA0	33125.-
		100	3VA1110-5EE32-0AA0	26210.-	3VA1110-5GE42-0AA0	33125.-
		125	3VA1112-5EE32-0AA0	41165.-	3VA1112-5GE42-0AA0	49440.-
3VA12		160	3VA1116-5EE32-0AA0	44535.-	3VA1116-5GE42-0AA0	57475.-
		200	3VA1220-5EE32-0AA0	53215.-	3VA1220-5GE42-0AA0	64990.-
3VA13		250	3VA1225-5EE32-0AA0	56420.-	3VA1225-5GE42-0AA0	71485.-
		320	3VA1332-5EE32-0AA0	82840.-	3VA1332-5GE42-0AA0	103770.-
3VA14		400	3VA1340-5EE32-0AA0	82840.-	3VA1340-5GE42-0AA0	103770.-
		500	3VA1450-5EE32-0AA0	107140.-	3VA1450-5GE42-0AA0	133845.-
3VA14		630	3VA1463-5EE32-0AA0	107140.-	3VA1463-5GE42-0AA0	133845.-
		800#	3VA1580-5EF32-0AA0	160070.-	3VA1580-5GF42-0AA0	207435.-
3VA15		1000#	3VA1510-5EF32-0AA0	223620.-	3VA1510-5GF42-0AA0	290175.-
		16	3VA1196-6EE32-0AA0	35865.-	3VA1196-6GE42-0AA0	45075.-
3VA11	70kA	20	3VA1120-6EE32-0AA0	35865.-	3VA1120-6GE42-0AA0	45075.-
		25	3VA1125-6EE32-0AA0	35865.-	3VA1125-6GE42-0AA0	45075.-
		32	3VA1132-6EE32-0AA0	35865.-	3VA1132-6GE42-0AA0	45075.-
		40	3VA1140-6EE32-0AA0	35865.-	3VA1140-6GE42-0AA0	45075.-
		50	3VA1150-6EE32-0AA0	35865.-	3VA1150-6GE42-0AA0	45075.-
		63	3VA1163-6EE32-0AA0	35865.-	3VA1163-6GE42-0AA0	45075.-
		80	3VA1180-6EE32-0AA0	35865.-	3VA1180-6GE42-0AA0	45075.-
		100	3VA1110-6EE32-0AA0	35865.-	3VA1110-6GE42-0AA0	45075.-
		125	3VA1112-6EE32-0AA0	66685.-	3VA1112-6GE42-0AA0	71500.-
		160	3VA1116-6EE32-0AA0	66685.-	3VA1116-6GE42-0AA0	71500.-
3VA12		200	3VA1220-6EE32-0AA0	71765.-	3VA1220-6GE42-0AA0	92350.-
		250	3VA1225-6EE32-0AA0	80430.-	3VA1225-6GE42-0AA0	92350.-
3VA13		320	3VA1332-6EE32-0AA0	90800.-	3VA1332-6GE42-0AA0	117380.-
		400	3VA1340-6EE32-0AA0	90800.-	3VA1340-6GE42-0AA0	117380.-
3VA14		500	3VA1450-6EE32-0AA0	129070.-	3VA1450-6GE42-0AA0	167340.-
		630	3VA1463-6EE32-0AA0	129070.-	3VA1463-6GE42-0AA0	167340.-
3VA15		800#	3VA1580-6EF32-0AA0	176265.-	3VA1580-6GF42-0AA0	228425.-
		1000#	3VA1510-6EF32-0AA0	245800.-	3VA1510-6GF42-0AA0	319535.-

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, 50/60Hz	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	
3VA14		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
		500	3VA1450-4EF32-0AA0		3VA1450-4GF42-0AA0	
3VA12	55kA	630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA13		250	3VA1225-5EF32-0AA0		3VA1225-5GF42-0AA0	
		320	3VA1332-5EF32-0AA0		3VA1332-5GF42-0AA0	
3VA14		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		
3VA14	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, 50/60Hz)		Breaking Capacity (70kA, 415V, 50/60Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0*	24105.-	3VA1181-6MG32-0AA0*	29600.-
	2	3VA1102-5MG32-0AA0*	24105.-	3VA1102-6MG32-0AA0*	29600.-
	4	3VA1104-5MG32-0AA0*	24105.-	3VA1104-6MG32-0AA0*	29600.-
	8	3VA1108-5MG32-0AA0*	24105.-	3VA1108-6MG32-0AA0*	29600.-
	12.5	3VA1192-5MG32-0AA0*	24105.-	3VA1192-6MG32-0AA0*	29600.-
	20	3VA1120-5MH32-0AA0	24105.-	3VA1120-6MH32-0AA0	29600.-
	32	3VA1132-5MH32-0AA0	28790.-	3VA1132-6MH32-0AA0	31025.-
	40	3VA1140-5MH32-0AA0	28790.-	3VA1140-6MH32-0AA0	31025.-
	50	3VA1150-5MH32-0AA0	28790.-	3VA1150-6MH32-0AA0	31025.-
	63	3VA1163-5MH32-0AA0	28790.-	3VA1163-6MH32-0AA0	31025.-
	80	3VA1180-5MH32-0AA0	28790.-	3VA1180-6MH32-0AA0	31025.-
	100	3VA1110-5MH32-0AA0	28790.-	3VA1110-6MH32-0AA0	31025.-
	125	3VA1112-5MH32-0AA0	41300.-	3VA1112-6MH32-0AA0	44645.-
3VA12	160	3VA1216-5MH32-0AA0	43340.-	3VA1216-6MH32-0AA0	61755.-
	200	3VA1220-5MH32-0AA0	59605.-	3VA1220-6MH32-0AA0	73145.-
3VA13	250	3VA1325-5MH32-0AA0	65040.-	3VA1325-6MH32-0AA0	74025.-
	320	3VA1332-5MH32-0AA0	89245.-	3VA1332-6MH32-0AA0	101700.-
3VA14	400	3VA1440-5MH32-0AA0	102160.-	3VA1440-6MH32-0AA0	106745.-
	500	3VA1450-5MH32-0AA0	117605.-	3VA1450-6MH32-0AA0	133525.-
3VA15	630	3VA1563-5MH32-0AA0	135580.-	3VA1563-6MH32-0AA0	147700.-
	800	3VA1580-5MH32-0AA0	180090.-	3VA1580-6MH32-0AA0	198305.-

POR: Price On Request

Std. Pkg. = 1 unit

& Fixed magnetic trip unit

* LP - List Price

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	20230.-	3VA1163-1AA42-0AA0	29895.-
		100	3VA1110-1AA32-0AA0	20230.-	3VA1110-1AA42-0AA0	29895.-
		125	3VA1112-1AA32-0AA0	41385.-	3VA1112-1AA42-0AA0	55170.-
		160	3VA1116-1AA32-0AA0	41385.-	3VA1116-1AA42-0AA0	55170.-
3VA12	NA	250	3VA1225-1AA32-0AA0	41385.-	3VA1225-1AA42-0AA0	55170.-
3VA13	NA	400	3VA1340-1AA32-0AA0	53370.-	3VA1340-1AA42-0AA0	69405.-

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	7390.-	
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	2550.-
	4P	7UG09911	2910.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 160A/250A	3P	7UG09912	3080.-
	4P	7UG09913	3630.-
CBCT for EFR: 630 frame Suitable for 3VA1/3VA2 400A/ 630A	3P	7UG09914	4540.-
	4P	7UG09915	4915.-



Earth leakage monitoring relay

Description	Type	Unit LP* ₹	
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	7150.-
	230VAC	7UG0842-1CD20	7225.-
CBCT for ELR	35 mm dia	7UG0996	2600.-
	70 mm dia	7UG0997	2975.-
	120 mm dia	7UG0999	5065.-
	210 mm dia	7UG0994	9740.-
	310 mm dia	7UG0995	14520.-



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



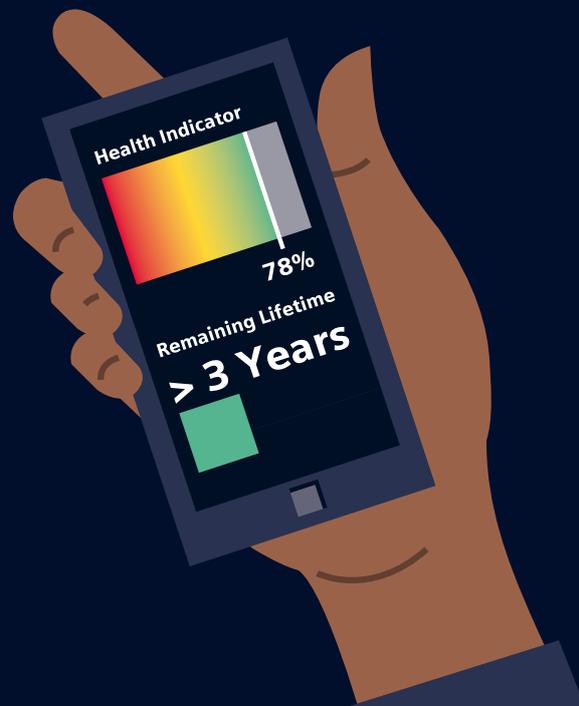
Reduced time and costs for
maintenance



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, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	43865.-	3VA2025-4HL42-0AA0	56555.-
		40	3VA2040-4HL32-0AA0	43865.-	3VA2040-4HL42-0AA0	56555.-
		63	3VA2063-4HL32-0AA0	43865.-	3VA2063-4HL42-0AA0	56555.-
		100	3VA2010-4HL32-0AA0	43865.-	3VA2010-4HL42-0AA0	56555.-
		160	3VA2116-4HL32-0AA0	59310.-	3VA2116-4HL42-0AA0	82785.-
		250	3VA2225-4HL32-0AA0	81395.-	3VA2225-4HL42-0AA0	110370.-
3VA21	55kA	400	3VA2340-4HL32-0AA0	108755.-	3VA2340-4HL42-0AA0	143140.-
3VA22		630	3VA2463-4HL32-0AA0	113060.-	3VA2463-4HL42-0AA0	149820.-
3VA23		25	3VA2025-5HL32-0AA0	55790.-	3VA2025-5HL42-0AA0	76425.-
3VA24		40	3VA2040-5HL32-0AA0	55790.-	3VA2040-5HL42-0AA0	76425.-
3VA20		63	3VA2063-5HL32-0AA0	55790.-	3VA2063-5HL42-0AA0	76425.-
		100	3VA2010-5HL32-0AA0	55790.-	3VA2010-5HL42-0AA0	76425.-
	160	3VA2116-5HL32-0AA0	70715.-	3VA2116-5HL42-0AA0	91570.-	
	250	3VA2225-5HL32-0AA0	92390.-	3VA2225-5HL42-0AA0	121985.-	
	400	3VA2340-5HL32-0AA0	117260.-	3VA2340-5HL42-0AA0	153675.-	
	630	3VA2463-5HL32-0AA0	144045.-	3VA2463-5HL42-0AA0	160860.-	
3VA25	85kA	800	3VA2580-5HL32-0AA0	210615.-	3VA2580-5HL42-0AA0	269420.-
3VA26		1000	3VA2510-5HL32-0AA0	279075.-	3VA2510-5HL42-0AA0	372575.-
3VA20		1250	3VA2612-5HL32-0AA0	395675.-	3VA2612-5HL42-0AA0	528355.-
		25	3VA2025-6HL32-0AA0	72935.-	3VA2025-6HL42-0AA0	90355.-
		40	3VA2040-6HL32-0AA0	72935.-	3VA2040-6HL42-0AA0	90355.-
		63	3VA2063-6HL32-0AA0	72935.-	3VA2063-6HL42-0AA0	90355.-
	100	3VA2010-6HL32-0AA0	72935.-	3VA2010-6HL42-0AA0	90355.-	
	160	3VA2116-6HL32-0AA0	95635.-	3VA2116-6HL42-0AA0	122085.-	
3VA21	55kA	250	3VA2225-6HL32-0AA0	106215.-	3VA2225-6HL42-0AA0	154675.-
3VA22		400	3VA2340-6HL32-0AA0	133280.-	3VA2340-6HL42-0AA0	175005.-
3VA23		630	3VA2463-6HL32-0AA0	159225.-	3VA2463-6HL42-0AA0	212450.-
3VA24		800	3VA2580-6HL32-0AA0	231565.-	3VA2580-6HL42-0AA0	308015.-
3VA25		1000	3VA2510-6HL32-0AA0	319155.-	3VA2510-6HL42-0AA0	426020.-
3VA26		1250	3VA2612-6HL32-0AA0	452195.-	3VA2612-6HL42-0AA0	605290.-

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HM32-0AA0	60420.-	3VA2025-4HM42-0AA0	74490.-
		40	3VA2040-4HM32-0AA0	60420.-	3VA2040-4HM42-0AA0	74490.-
		63	3VA2063-4HM32-0AA0	60420.-	3VA2063-4HM42-0AA0	74490.-
		100	3VA2010-4HM32-0AA0	60420.-	3VA2010-4HM42-0AA0	74490.-
		160	3VA2116-4HM32-0AA0	76425.-	3VA2116-4HM42-0AA0	95180.-
		250	3VA2225-4HM32-0AA0	96590.-	3VA2225-4HM42-0AA0	121405.-
3VA21	55kA	400	3VA2340-4HM32-0AA0	129905.-	3VA2340-4HM42-0AA0	163845.-
3VA22		630	3VA2463-4HM32-0AA0	142890.-	3VA2463-4HM42-0AA0	180200.-
3VA23		25	3VA2025-5HM32-0AA0	68875.-	3VA2025-5HM42-0AA0	78925.-
3VA24		40	3VA2040-5HM32-0AA0	68875.-	3VA2040-5HM42-0AA0	78925.-
3VA20		63	3VA2063-5HM32-0AA0	68875.-	3VA2063-5HM42-0AA0	78925.-
		100	3VA2010-5HM32-0AA0	70295.-	3VA2010-5HM42-0AA0	82490.-
	160	3VA2116-5HM32-0AA0	94705.-	3VA2116-5HM42-0AA0	113645.-	
	250	3VA2225-5HM32-0AA0	115490.-	3VA2225-5HM42-0AA0	144145.-	
	400	3VA2340-5HM32-0AA0	139460.-	3VA2340-5HM42-0AA0	175915.-	
	630	3VA2463-5HM32-0AA0	153440.-	3VA2463-5HM42-0AA0	193470.-	
3VA25	85kA	800	3VA2580-5HM32-0AA0	222655.-	3VA2580-5HM42-0AA0	289465.-
3VA26		1000	3VA2510-5HM32-0AA0	299115.-	3VA2510-5HM42-0AA0	392625.-
3VA20		1250	3VA2612-5HM32-0AA0	418435.-	3VA2612-5HM42-0AA0	552690.-
		25	3VA2025-6HM32-0AA0	85995.-	3VA2025-6HM42-0AA0	104585.-
		40	3VA2040-6HM32-0AA0	85995.-	3VA2040-6HM42-0AA0	104585.-
		63	3VA2063-6HM32-0AA0	85995.-	3VA2063-6HM42-0AA0	104585.-
	100	3VA2010-6HM32-0AA0	85995.-	3VA2010-6HM42-0AA0	104585.-	
	160	3VA2116-6HM32-0AA0	109565.-	3VA2116-6HM42-0AA0	137530.-	
3VA21	55kA	250	3VA2225-6HM32-0AA0	128325.-	3VA2225-6HM42-0AA0	180040.-
3VA22		400	3VA2340-6HM32-0AA0	155485.-	3VA2340-6HM42-0AA0	197215.-
3VA23		630	3VA2463-6HM32-0AA0	171020.-	3VA2463-6HM42-0AA0	216960.-
3VA24		800	3VA2580-6HM32-0AA0	250875.-	3VA2580-6HM42-0AA0	328060.-
3VA25		1000	3VA2510-6HM32-0AA0	338450.-	3VA2510-6HM42-0AA0	446055.-
3VA26		1250	3VA2612-6HM32-0AA0	475750.-	3VA2612-6HM42-0AA0	629615.-

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)	3265.-	3VA9988-0AA12 (1 C/O)	3265.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	5050.-	3VA9988-0AB12 (1 C/O)	5050.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	2690.- 2690.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA9988-0AB22	2690.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz	3VA9908-0BB24	7730.-	3VA9908-0BB24	7730.-
208-230 V AC 50/60 Hz	3VA9908-0BB25	7730.-	3VA9908-0BB25	7730.-
380-400 V AC 50/60 Hz	3VA9908-0BB26	7730.-	3VA9908-0BB26	7730.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz	3VA9988-0BA22	5820.-	3VA9988-0BA22	5820.-
208-277 V AC 50/60 Hz	3VA9988-0BA23	5820.-	3VA9988-0BA23	5820.-
380-500 V AC 50/60 Hz	3VA9988-0BA24	5820.-	3VA9988-0BA24	5820.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz	3VA9988-0BL32	5820.-	3VA9988-0BL32	5820.-
208-277 V AC 50/60 Hz	3VA9988-0BL33	5820.-	3VA9988-0BL33	5820.-
380-500 V AC 50/60 Hz	3VA9988-0BL20	5820.-	3VA9988-0BL20	5820.-
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)	3565.- 3745.- 5870.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)	3745.- 5870.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	16690.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	16690.-
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)	9965.- 10960.- 13925.- 18330.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	10960.- 13925.- 18330.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	7475.- 7475.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	7475.- 7475.-
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)	9965.- 10345.- 11685.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	10960.- 11685.-
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)	3040.- 4010.- 8655.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	4010.- 8655.-
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)	33440.- 43765.- 51675.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	43765.- 51675.-
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)	1500.- 1915.- 1870.- 2485.- 2505.- 3245.-	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)	2020.- 2635.- 2505.- 3245.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	9175.- 12260.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	9175.- 12260.-
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)	3415.- 4615.- 4365.- 5840.- 7090.- 9455.-	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)	4365.- 5840.- 7090.- 9455.-
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)	650.- 650.- 1535.- 1540.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	650.- 1535.- 1540.-
3VA Adapter for mounting on 8US 60mm busbar system	8US1213-4AU01 (for 3pole, 3VA10/ 11) 8US1213-4AP03 (for 3-pole, 3VA12) 8US1213-4AH04 (for 3pole, 3VA13/ 14)	POR	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	POR

Notes:

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

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

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

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

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

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

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

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

Std. Pkg. = 1 unit

* LP - List Price

POR: Price On Request



SENTRON 3VA27 moulded case circuit breakers



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

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU320 LI, Ics = 100% Icu, 415VAC, 50Hz ⁵ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	422480.-	3VA2712-5AB13-0AA0	568240.-
		1600	3VA2716-5AB03-0AA0	584705.-	3VA2716-5AB13-0AA0	786845.-
	85kA	1250	3VA2712-6AB03-0AA0	464125.-	3VA2712-6AB13-0AA0	624610.-
		1600	3VA2716-6AB03-0AA0	641960.-	3VA2716-6AB13-0AA0	864920.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIG, Ics = 100% Icu, 415VAC, 50Hz ⁵ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AD03-0AA0	457185.-	3VA2712-5AD13-0AA0	602060.-
		1600	3VA2716-5AD03-0AA0	618535.-	3VA2716-5AD13-0AA0	820670.-
	85kA	1250	3VA2712-6AD03-0AA0	497955.-	3VA2712-6AD13-0AA0	659310.-
		1600	3VA2716-6AD03-0AA0	675810.-	3VA2716-6AD13-0AA0	902215.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	7540.-	1
	Alarm switch (TAS)	3VW9011-0AH14	3720.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	17340.- 17340.-	1
	Under voltage release (UVR)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AE05 3VW9011-0AE07	18770.- 18770.-	1
	415-440 V AC 50/60 HZ	3VW9011-0AE18	18770.-	
	Extended Door Mounted Rotary Operator [^] (Standard - Gray)	3VW9727-0FK21	16690.-	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, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP [®] ₹	4 Pole Type	Unit MRP [®] ₹
3VM10	16kA	16	3VM1096-2ED32-0AA0	12375.-	3VM1096-2ED42-0AA0	16040.-
		20	3VM1020-2ED32-0AA0	12375.-	3VM1020-2ED42-0AA0	16040.-
		25	3VM1025-2ED32-0AA0	12375.-	3VM1025-2ED42-0AA0	16040.-
		32	3VM1032-2ED32-0AA0	12375.-	3VM1032-2ED42-0AA0	16040.-
		40	3VM1040-2ED32-0AA0	12375.-	3VM1040-2ED42-0AA0	16040.-
		50	3VM1050-2ED32-0AA0	12375.-	3VM1050-2ED42-0AA0	16040.-
		63	3VM1063-2ED32-0AA0	12375.-	3VM1063-2ED42-0AA0	16040.-
		80	3VM1080-2ED32-0AA0	13525.-	3VM1080-2ED42-0AA0	17560.-
		100	3VM1010-2ED32-0AA0	14680.-	3VM1010-2ED42-0AA0	19125.-
3VM10	25kA	16	3VM1096-3ED32-0AA0	12825.-	3VM1096-3ED42-0AA0	16745.-
		20	3VM1020-3ED32-0AA0	12825.-	3VM1020-3ED42-0AA0	16745.-
		25	3VM1025-3ED32-0AA0	12825.-	3VM1025-3ED42-0AA0	16745.-
		32	3VM1032-3ED32-0AA0	12825.-	3VM1032-3ED42-0AA0	16745.-
		40	3VM1040-3ED32-0AA0	12825.-	3VM1040-3ED42-0AA0	16745.-
		50	3VM1050-3ED32-0AA0	12825.-	3VM1050-3ED42-0AA0	16745.-
		63	3VM1063-3ED32-0AA0	12825.-	3VM1063-3ED42-0AA0	16745.-
		80	3VM1080-3ED32-0AA0	13965.-	3VM1080-3ED42-0AA0	18160.-
		100	3VM1010-3ED32-0AA0	14995.-	3VM1010-3ED42-0AA0	19515.-
3VM11		125	3VM1112-3ED32-0AA0	19220.-	3VM1112-3ED42-0AA0	25380.-
		160	3VM1116-3ED32-0AA0	25070.-	3VM1116-3ED42-0AA0	31750.-

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM1196-4ED32-0AA0	13530.-	3VM1196-4GD42-0AA0	18730.-
		20	3VM1120-4ED32-0AA0	13530.-	3VM1120-4GD42-0AA0	18730.-
		25	3VM1125-4ED32-0AA0	13530.-	3VM1125-4GD42-0AA0	18730.-
		32	3VM1132-4ED32-0AA0	13530.-	3VM1132-4GD42-0AA0	18730.-
		40	3VM1140-4ED32-0AA0	13530.-	3VM1140-4GD42-0AA0	18730.-
		50	3VM1150-4ED32-0AA0	13530.-	3VM1150-4GD42-0AA0	18730.-
		63	3VM1163-4ED32-0AA0	13530.-	3VM1163-4GD42-0AA0	18730.-
		80	3VM1180-4ED32-0AA0	14215.-	3VM1180-4GD42-0AA0	20545.-
		100	3VM1110-4ED32-0AA0	16490.-	3VM1110-4GD42-0AA0	23745.-
		125	3VM1112-4ED32-0AA0	28950.-	3VM1112-4GD42-0AA0	37640.-
		160	3VM1116-4ED32-0AA0	31980.-	3VM1116-4GD42-0AA0	41590.-
3VM12		200	3VM1220-4ED32-0AA0	34360.-	3VM1220-4GD42-0AA0	42530.-
		250	3VM1225-4ED32-0AA0	45830.-	3VM1225-4GD42-0AA0	54000.-
3VM13		320	3VM1332-4ED32-0AA0	72650.-	3VM1332-4GD42-0AA0	94055.-
		400	3VM1340-4ED32-0AA0	72650.-	3VM1340-4GD42-0AA0	94055.-
3VM14		500	3VM1450-4ED32-0AA0	93765.-	3VM1450-4GD42-0AA0	121465.-
		630	3VM1463-4ED32-0AA0	93765.-	3VM1463-4GD42-0AA0	121465.-

^ 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

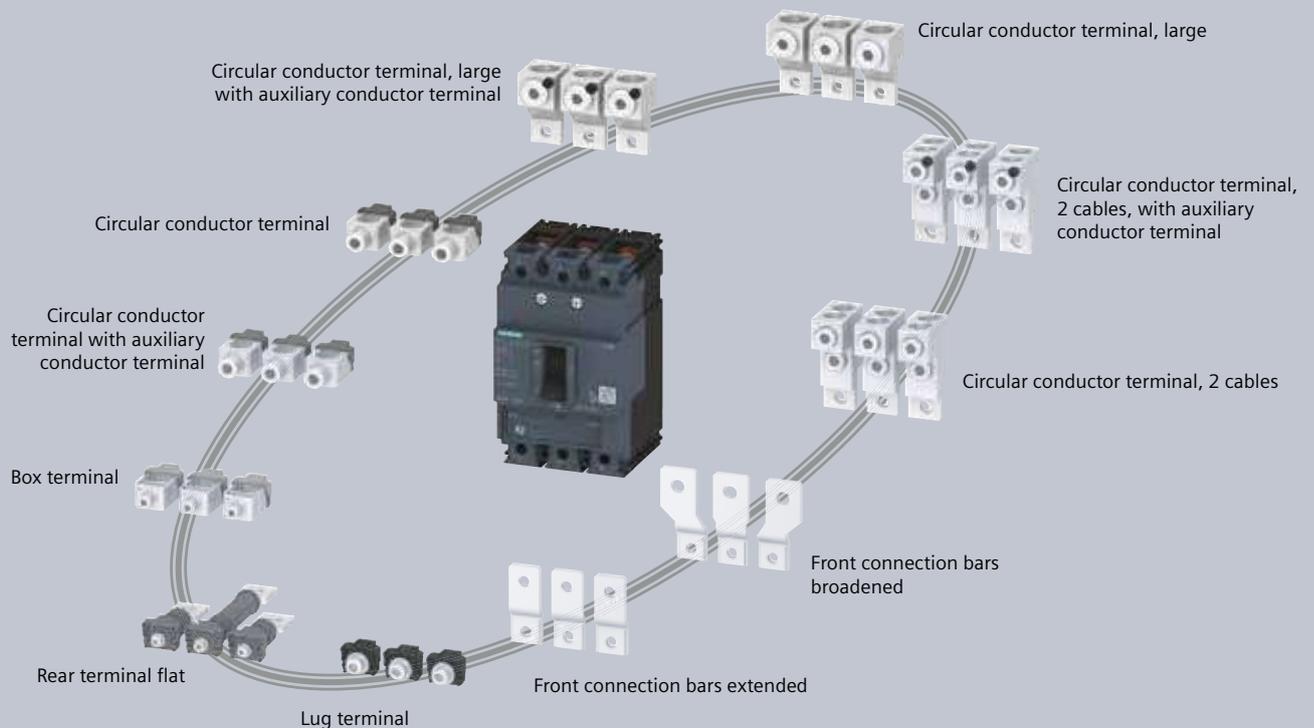
® MRP - Max. Retail Price

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM1196-5ED32-0AA0	15555.-	3VM1196-5GD42-0AA0	20180.-
		20	3VM1120-5ED32-0AA0	15555.-	3VM1120-5GD42-0AA0	20180.-
		25	3VM1125-5ED32-0AA0	15555.-	3VM1125-5GD42-0AA0	20180.-
		32	3VM1132-5ED32-0AA0	15555.-	3VM1132-5GD42-0AA0	20180.-
		40	3VM1140-5ED32-0AA0	15555.-	3VM1140-5GD42-0AA0	20180.-
		50	3VM1150-5ED32-0AA0	15555.-	3VM1150-5GD42-0AA0	20180.-
		63	3VM1163-5ED32-0AA0	15555.-	3VM1163-5GD42-0AA0	20180.-
		80	3VM1180-5ED32-0AA0	17045.-	3VM1180-5GD42-0AA0	22155.-
		100	3VM1110-5ED32-0AA0	19745.-	3VM1110-5GD42-0AA0	25630.-
		125	3VM1112-5ED32-0AA0	31820.-	3VM1112-5GD42-0AA0	41365.-
		160	3VM1116-5ED32-0AA0	35150.-	3VM1116-5GD42-0AA0	45735.-
3VM12		200	3VM1220-5ED32-0AA0	38025.-	3VM1220-5GD42-0AA0	48180.-
		250	3VM1225-5ED32-0AA0	49495.-	3VM1225-5GD42-0AA0	59655.-
3VM13		320	3VM1332-5ED32-0AA0	82840.-	3VM1332-5GD42-0AA0	103770.-
		400	3VM1340-5ED32-0AA0	82840.-	3VM1340-5GD42-0AA0	103770.-
3VM14		500	3VM1450-5ED32-0AA0	107140.-	3VM1450-5GD42-0AA0	133845.-
		630	3VM1463-5ED32-0AA0	107140.-	3VM1463-5GD42-0AA0	133845.-

Circuit Breakers

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, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	25kA	16	3VM1196-3EE32-0AA0	15240.-	3VM1196-3GE42-0AA0	22960.-
		20	3VM1120-3EE32-0AA0	15240.-	3VM1120-3GE42-0AA0	22960.-
		25	3VM1125-3EE32-0AA0	15240.-	3VM1125-3GE42-0AA0	22960.-
		32	3VM1132-3EE32-0AA0	15240.-	3VM1132-3GE42-0AA0	22960.-
		40	3VM1140-3EE32-0AA0	15240.-	3VM1140-3GE42-0AA0	22960.-
		50	3VM1150-3EE32-0AA0	15240.-	3VM1150-3GE42-0AA0	22960.-
		63	3VM1163-3EE32-0AA0	15240.-	3VM1163-3GE42-0AA0	22960.-
		80	3VM1180-3EE32-0AA0	15240.-	3VM1180-3GE42-0AA0	22960.-
		100	3VM1110-3EE32-0AA0	15240.-	3VM1110-3GE42-0AA0	22960.-
		125	3VM1112-3EE32-0AA0	19660.-	3VM1112-3GE42-0AA0	26910.-
		160	3VM1116-3EE32-0AA0	27055.-	3VM1116-3GE42-0AA0	34440.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	19710.-	3VM1196-4GE42-0AA0	25790.-
		20	3VM1120-4EE32-0AA0	19710.-	3VM1120-4GE42-0AA0	25790.-
		25	3VM1125-4EE32-0AA0	19710.-	3VM1125-4GE42-0AA0	25790.-
		32	3VM1132-4EE32-0AA0	19710.-	3VM1132-4GE42-0AA0	25790.-
		40	3VM1140-4EE32-0AA0	19710.-	3VM1140-4GE42-0AA0	25790.-
		50	3VM1150-4EE32-0AA0	19710.-	3VM1150-4GE42-0AA0	25790.-
		63	3VM1163-4EE32-0AA0	19710.-	3VM1163-4GE42-0AA0	25790.-
		80	3VM1180-4EE32-0AA0	19710.-	3VM1180-4GE42-0AA0	25790.-
		100	3VM1110-4EE32-0AA0	19710.-	3VM1110-4GE42-0AA0	25790.-
		125	3VM1112-4EE32-0AA0	30330.-	3VM1112-4GE42-0AA0	38625.-
		160	3VM1116-4EE32-0AA0	32860.-	3VM1116-4GE42-0AA0	42665.-
3VM12		200	3VM1220-4EE32-0AA0	47535.-	3VM1220-4GE42-0AA0	55475.-
		250	3VM1225-4EE32-0AA0	47535.-	3VM1225-4GE42-0AA0	55475.-
3VM13		320	3VM1332-4EE32-0AA0	72650.-	3VM1332-4GE42-0AA0	94055.-
		400	3VM1340-4EE32-0AA0	72650.-	3VM1340-4GE42-0AA0	94055.-
3VM14		500	3VM1450-4EE32-0AA0	93765.-	3VM1450-4GE42-0AA0	121465.-
		630	3VM1463-4EE32-0AA0	93765.-	3VM1463-4GE42-0AA0	121465.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	22455.-	3VM1196-5GE42-0AA0	28370.-
		20	3VM1120-5EE32-0AA0	22455.-	3VM1120-5GE42-0AA0	28370.-
		25	3VM1125-5EE32-0AA0	22455.-	3VM1125-5GE42-0AA0	28370.-
		32	3VM1132-5EE32-0AA0	22455.-	3VM1132-5GE42-0AA0	28370.-
		40	3VM1140-5EE32-0AA0	22455.-	3VM1140-5GE42-0AA0	28370.-
		50	3VM1150-5EE32-0AA0	22455.-	3VM1150-5GE42-0AA0	28370.-
		63	3VM1163-5EE32-0AA0	22455.-	3VM1163-5GE42-0AA0	28370.-
		80	3VM1180-5EE32-0AA0	22455.-	3VM1180-5GE42-0AA0	28370.-
		100	3VM1110-5EE32-0AA0	22455.-	3VM1110-5GE42-0AA0	28370.-
		125	3VM1112-5EE32-0AA0	35250.-	3VM1112-5GE42-0AA0	42345.-
		160	3VM1116-5EE32-0AA0	36140.-	3VM1116-5GE42-0AA0	46640.-
3VM12		200	3VM1220-5EE32-0AA0	51085.-	3VM1220-5GE42-0AA0	60950.-
		250	3VM1225-5EE32-0AA0	51085.-	3VM1225-5GE42-0AA0	60950.-
3VM13		320	3VM1332-5EE32-0AA0	82840.-	3VM1332-5GE42-0AA0	103770.-
		400	3VM1340-5EE32-0AA0	82840.-	3VM1340-5GE42-0AA0	103770.-
3VM14		500	3VM1450-5EE32-0AA0	107140.-	3VM1450-5GE42-0AA0	133845.-
		630	3VM1463-5EE32-0AA0	107140.-	3VM1463-5GE42-0AA0	133845.-

Circuit Breakers

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, 50/60Hz)	Unit LP* ₹
3VM11	8 ¹⁾	3VM1108-5MG32-0AA0	19555.-
	12.5 ¹⁾	3VM1192-5MG32-0AA0	19555.-
	20	3VM1120-5MH32-0AA0	19555.-
	32	3VM1132-5MH32-0AA0	23370.-
	40	3VM1140-5MH32-0AA0	23370.-
	50	3VM1150-5MH32-0AA0	23370.-
	63	3VM1163-5MH32-0AA0	23370.-
	80	3VM1180-5MH32-0AA0	23370.-
	100	3VM1110-5MH32-0AA0	23370.-
3VM12	125	3VM1112-5MH32-0AA0	34780.-
	160	3VM1216-5MH32-0AA0	34780.-
3VM13	200	3VM1220-5MH32-0AA0	52765.-
	250	3VM1325-5MH32-0AA0	65040.-
3VM14	320	3VM1332-5MH32-0AA0	89245.-
	400	3VM1440-5MH32-0AA0	102160.-
	500	3VM1450-5MH32-0AA0	117605.-



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	14600.-	3VM1163-1AA42-0AA0	21565.-
	100	3VM1110-1AA32-0AA0	14600.-	3VM1110-1AA42-0AA0	21565.-
	125	3VM1112-1AA32-0AA0	21290.-	3VM1112-1AA42-0AA0	26800.-
	160	3VM1116-1AA32-0AA0	21290.-	3VM1116-1AA42-0AA0	26800.-
3VM12	250	3VM1225-1AA32-0AA0	35435.-	3VM1225-1AA42-0AA0	47265.-
3VM13	400	3VM1340-1AA32-0AA0	53370.-	3VM1340-1AA42-0AA0	69405.-

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	5695.-	3VM1196-3ED22-0AA0	10210.-
		20	3VM1120-3ED12-0AA0	5695.-	3VM1120-3ED22-0AA0	10210.-
		25	3VM1125-3ED12-0AA0	5695.-	3VM1125-3ED22-0AA0	10210.-
		32	3VM1132-3ED12-0AA0	5695.-	3VM1132-3ED22-0AA0	10210.-
		40	3VM1140-3ED12-0AA0	5695.-	3VM1140-3ED22-0AA0	10210.-
		50	3VM1150-3ED12-0AA0	5695.-	3VM1150-3ED22-0AA0	10210.-
		63	3VM1163-3ED12-0AA0	5695.-	3VM1163-3ED22-0AA0	10210.-
		80	3VM1180-3ED12-0AA0	6260.-	3VM1180-3ED22-0AA0	11185.-
		100	3VM1110-3ED12-0AA0	7225.-	3VM1110-3ED22-0AA0	13105.-
		125	3VM1112-3ED12-0AA0	11670.-	3VM1112-3ED22-0AA0	21205.-
3VM11	36kA ¹⁾	160	3VM1116-3ED12-0AA0	13600.-	3VM1116-3ED22-0AA0	24490.-
		16	3VM1196-4ED12-0AA0	6160.-	3VM1196-4ED22-0AA0	11185.-
		20	3VM1120-4ED12-0AA0	6160.-	3VM1120-4ED22-0AA0	11185.-
		25	3VM1125-4ED12-0AA0	6160.-	3VM1125-4ED22-0AA0	11185.-
		32	3VM1132-4ED12-0AA0	6160.-	3VM1132-4ED22-0AA0	11185.-
		40	3VM1140-4ED12-0AA0	6160.-	3VM1140-4ED22-0AA0	11185.-
		50	3VM1150-4ED12-0AA0	6160.-	3VM1150-4ED22-0AA0	11185.-
		63	3VM1163-4ED12-0AA0	6160.-	3VM1163-4ED22-0AA0	11185.-
		80	3VM1180-4ED12-0AA0	6845.-	3VM1180-4ED22-0AA0	12350.-
		100	3VM1110-4ED12-0AA0	7370.-	3VM1110-4ED22-0AA0	14265.-
3VM11	36kA ¹⁾	125	3VM1112-4ED12-0AA0	12650.-	3VM1112-4ED22-0AA0	22740.-
		160	3VM1116-4ED12-0AA0	14745.-	3VM1116-4ED22-0AA0	26605.-

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	7UG0861-1BU20	7390.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910
	4P	7UG09911
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912
	4P	7UG09913
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914
	4P	7UG09915

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
	230VAC	7UG0842-1CD20
CBCT for ELR	35 mm dia	7UG0996
	70 mm dia	7UG0997
	120 mm dia	7UG0999
	210 mm dia	7UG0994
	310 mm dia	7UG0995

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)	2455.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	2455.-
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	5470.-
3VM9908-0BB12	UVR 48V DC	5470.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	5470.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	5470.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	5470.-
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	4435.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	4435.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	4435.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	4435.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	4435.-

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles ¹⁾		
3VM9117-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	2880.-
3VM9217-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	3635.-
3VM9417-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	4100.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	3505.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	4600.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	5075.-
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	1510.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	1930.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	1885.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	2505.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	2525.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	3280.-
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	1270.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	1695.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	1710.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	2225.-
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	1030.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	1435.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	1435.-
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	2725.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	3590.-
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	7475.-



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 12th 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

SINOPLUS 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



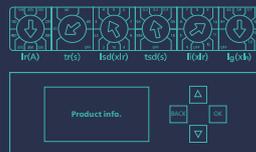
Product highlights

Range

Current rating from
160A to 630A

Ics = Icu =
55kA

Microprocessor Based trip units



Color coded knob switches & Display options

3P, 4P
LSI, LSIG

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

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

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SIEMENS

SINOPLUS THE POWER OF **SIMPLICITY**

3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit



Compact
Efficient design



Versatile
For various
applications



Reliable
Siemens trusted
quality



Operational
efficiency
Reduced
downtime



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SIEMENS

3VJ Moulded Case Circuit Breaker

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	3505.-	3VJ1096-0DA32-0AA0	4350.-	3VJ1096-0EA42-0AA0	6235.-
		20	3VJ1002-0DA22-0AA0	3505.-	3VJ1002-0DA32-0AA0	4350.-	3VJ1002-0EA42-0AA0	6235.-
		25	3VJ1092-0DA22-0AA0	3505.-	3VJ1092-0DA32-0AA0	4350.-	3VJ1092-0EA42-0AA0	6235.-
		32	3VJ1003-0DA22-0AA0	3505.-	3VJ1003-0DA32-0AA0	4350.-	3VJ1003-0EA42-0AA0	6235.-
		40	3VJ1004-0DA22-0AA0	3505.-	3VJ1004-0DA32-0AA0	4350.-	3VJ1004-0EA42-0AA0	6235.-
		50	3VJ1005-0DA22-0AA0	3505.-	3VJ1005-0DA32-0AA0	4350.-	3VJ1005-0EA42-0AA0	6235.-
		63	3VJ1006-0DA22-0AA0	3505.-	3VJ1006-0DA32-0AA0	4350.-	3VJ1006-0EA42-0AA0	6235.-
		80	3VJ1008-0DA22-0AA0	3505.-	3VJ1008-0DA32-0AA0	4350.-	3VJ1008-0EA42-0AA0	6235.-
		100	3VJ1010-0DA22-0AA0	3505.-	3VJ1010-0DA32-0AA0	4350.-	3VJ1010-0EA42-0AA0	6235.-
		125	3VJ1012-0DA22-0AA0	5415.-	3VJ1012-0DA32-0AA0	6525.-	3VJ1012-0EA42-0AA0	9345.-
	18kA	16	3VJ1096-1DA22-0AA0	4845.-	3VJ1096-1DA32-0AA0	6995.-	3VJ1096-1EA42-0AA0	8970.-
		20	3VJ1002-1DA22-0AA0	4845.-	3VJ1002-1DA32-0AA0	6995.-	3VJ1002-1EA42-0AA0	8970.-
		25	3VJ1092-1DA22-0AA0	4845.-	3VJ1092-1DA32-0AA0	6995.-	3VJ1092-1EA42-0AA0	8970.-
		32	3VJ1003-1DA22-0AA0	4845.-	3VJ1003-1DA32-0AA0	6995.-	3VJ1003-1EA42-0AA0	8970.-
		40	3VJ1004-1DA22-0AA0	4845.-	3VJ1004-1DA32-0AA0	6995.-	3VJ1004-1EA42-0AA0	8970.-
		50	3VJ1005-1DA22-0AA0	4845.-	3VJ1005-1DA32-0AA0	6995.-	3VJ1005-1EA42-0AA0	8970.-
		63	3VJ1006-1DA22-0AA0	4845.-	3VJ1006-1DA32-0AA0	6995.-	3VJ1006-1EA42-0AA0	8970.-
		80	3VJ1008-1DA22-0AA0	4845.-	3VJ1008-1DA32-0AA0	6995.-	3VJ1008-1EA42-0AA0	8970.-
		100	3VJ1010-1DA22-0AA0	4845.-	3VJ1010-1DA32-0AA0	6995.-	3VJ1010-1EA42-0AA0	8970.-
		125	3VJ1012-1DA22-0AA0	5605.-	3VJ1012-1DA32-0AA0	8020.-	3VJ1012-1EA42-0AA0	10435.-
	25kA	16	3VJ1096-3DA22-0AA0	5815.-	3VJ1096-3DA32-0AA0	7625.-	3VJ1096-3EA42-0AA0	10115.-
		20	3VJ1002-3DA22-0AA0	5815.-	3VJ1002-3DA32-0AA0	7625.-	3VJ1002-3EA42-0AA0	10115.-
		25	3VJ1092-3DA22-0AA0	5815.-	3VJ1092-3DA32-0AA0	7625.-	3VJ1092-3EA42-0AA0	10115.-
		32	3VJ1003-3DA22-0AA0	5815.-	3VJ1003-3DA32-0AA0	7625.-	3VJ1003-3EA42-0AA0	10115.-
		40	3VJ1004-3DA22-0AA0	5815.-	3VJ1004-3DA32-0AA0	7625.-	3VJ1004-3EA42-0AA0	10115.-
		50	3VJ1005-3DA22-0AA0	5815.-	3VJ1005-3DA32-0AA0	7625.-	3VJ1005-3EA42-0AA0	10115.-
		63	3VJ1006-3DA22-0AA0	5815.-	3VJ1006-3DA32-0AA0	7625.-	3VJ1006-3EA42-0AA0	10115.-
		80	3VJ1008-3DA22-0AA0	5815.-	3VJ1008-3DA32-0AA0	7625.-	3VJ1008-3EA42-0AA0	10115.-
		100	3VJ1010-3DA22-0AA0	5815.-	3VJ1010-3DA32-0AA0	7625.-	3VJ1010-3EA42-0AA0	10115.-
		125	3VJ1012-3DA22-0AA0	5815.-	3VJ1012-3DA32-0AA0	8715.-	3VJ1012-3EA42-0AA0	11120.-

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.



Circuit Breakers

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	11810.-	3VJ1216-3DA32-0AA0	13690.-	3VJ1216-3EA42-0AA0	18010.-
		200	3VJ1220-3DA22-0AA0	11945.-	3VJ1220-3DA32-0AA0	13905.-	3VJ1220-3EA42-0AA0	19775.-
		250	3VJ1225-3DA22-0AA0	12065.-	3VJ1225-3DA32-0AA0	15645.-	3VJ1225-3EA42-0AA0	20600.-
		320	-	-	3VJ1332-3DA32-0AA0	30990.-	3VJ1332-3EA42-0AA0	39915.-
		400	-	-	3VJ1340-3DA32-0AA0	30990.-	3VJ1340-3EA42-0AA0	39915.-
3VJ13 (VJ1 400)								
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8950.-	3VJ1196-5DA32-0AA0	10645.-	3VJ1196-5EA42-0AA0	14060.-
		20	3VJ1102-5DA22-0AA0	8950.-	3VJ1102-5DA32-0AA0	10645.-	3VJ1102-5EA42-0AA0	14060.-
		25	3VJ1192-5DA22-0AA0	8950.-	3VJ1192-5DA32-0AA0	10645.-	3VJ1192-5EA42-0AA0	14060.-
		32	3VJ1103-5DA22-0AA0	8950.-	3VJ1103-5DA32-0AA0	10645.-	3VJ1103-5EA42-0AA0	14060.-
		40	3VJ1104-5DA22-0AA0	8950.-	3VJ1104-5DA32-0AA0	10645.-	3VJ1104-5EA42-0AA0	14060.-
		50	3VJ1105-5DA22-0AA0	8950.-	3VJ1105-5DA32-0AA0	10645.-	3VJ1105-5EA42-0AA0	14060.-
		63	3VJ1106-5DA22-0AA0	8950.-	3VJ1106-5DA32-0AA0	10645.-	3VJ1106-5EA42-0AA0	14060.-
		80	3VJ1108-5DA22-0AA0	8950.-	3VJ1108-5DA32-0AA0	10960.-	3VJ1108-5EA42-0AA0	14495.-
		100	3VJ1110-5DA22-0AA0	8950.-	3VJ1110-5DA32-0AA0	10960.-	3VJ1110-5EA42-0AA0	14495.-
		125	3VJ1112-5DA22-0AA0	8950.-	3VJ1112-5DA32-0AA0	12055.-	3VJ1112-5EA42-0AA0	15755.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	12455.-	3VJ1216-5DA32-0AA0	15330.-	3VJ1216-5EA42-0AA0	18645.-
		200	3VJ1220-5DA22-0AA0	13120.-	3VJ1220-5DA32-0AA0	18905.-	3VJ1220-5EA42-0AA0	24395.-
		250	3VJ1225-5DA22-0AA0	14810.-	3VJ1225-5DA32-0AA0	21725.-	3VJ1225-5EA42-0AA0	27960.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-5DA32-0AA0	31765.-	3VJ1332-5EA42-0AA0	40690.-
		400	-	-	3VJ1340-5DA32-0AA0	31765.-	3VJ1340-5EA42-0AA0	40690.-
3VJ14 (VJ1 630)		500	-	-	3VJ1450-5DA32-0AA0	47655.-	3VJ1450-5EA42-0AA0	61040.-
		630	-	-	3VJ1463-5DA32-0AA0	47655.-	3VJ1463-5EA42-0AA0	61040.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	9415.-	3VJ1196-7DA32-0AA0	13615.-	3VJ1196-7EA42-0AA0	17965.-
		20	3VJ1102-7DA22-0AA0	9415.-	3VJ1102-7DA32-0AA0	13615.-	3VJ1102-7EA42-0AA0	17965.-
		25	3VJ1192-7DA22-0AA0	9415.-	3VJ1192-7DA32-0AA0	13615.-	3VJ1192-7EA42-0AA0	17965.-
		32	3VJ1103-7DA22-0AA0	9415.-	3VJ1103-7DA32-0AA0	13615.-	3VJ1103-7EA42-0AA0	17965.-
		40	3VJ1104-7DA22-0AA0	9415.-	3VJ1104-7DA32-0AA0	13615.-	3VJ1104-7EA42-0AA0	17965.-
		50	3VJ1105-7DA22-0AA0	9415.-	3VJ1105-7DA32-0AA0	13615.-	3VJ1105-7EA42-0AA0	17965.-
		63	3VJ1106-7DA22-0AA0	9415.-	3VJ1106-7DA32-0AA0	13615.-	3VJ1106-7EA42-0AA0	17965.-
		80	3VJ1108-7DA22-0AA0	9415.-	3VJ1108-7DA32-0AA0	13615.-	3VJ1108-7EA42-0AA0	17965.-
		100	3VJ1110-7DA22-0AA0	9415.-	3VJ1110-7DA32-0AA0	13615.-	3VJ1110-7EA42-0AA0	17965.-
		125	3VJ1112-7DA22-0AA0	9415.-	3VJ1112-7DA32-0AA0	14985.-	3VJ1112-7EA42-0AA0	19760.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	13500.-	3VJ1216-7DA32-0AA0	18965.-	3VJ1216-7EA42-0AA0	25050.-
		200	3VJ1220-7DA22-0AA0	13770.-	3VJ1220-7DA32-0AA0	21805.-	3VJ1220-7EA42-0AA0	28795.-
		250	3VJ1225-7DA22-0AA0	15080.-	3VJ1225-7DA32-0AA0	25075.-	3VJ1225-7EA42-0AA0	33120.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-7DA32-0AA0	32545.-	3VJ1332-7EA42-0AA0	41860.-
		400	-	-	3VJ1340-7DA32-0AA0	32545.-	3VJ1340-7EA42-0AA0	41860.-
3VJ14 (VJ1 630)		500	-	-	3VJ1450-7DA32-0AA0	48815.-	3VJ1450-7EA42-0AA0	62775.-
		630	-	-	3VJ1463-7DA32-0AA0	48815.-	3VJ1463-7EA42-0AA0	62775.-

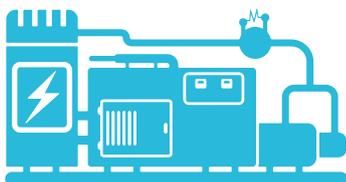
Notes:

Phase barriers are included in the standard MCCB packing

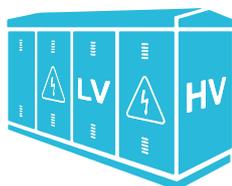
^2P in 3P Frame Size

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	5540.-	3VJ1096-0EB42-0AA0	7485.-
		20	3VJ1002-0DB32-0AA0	5540.-	3VJ1002-0EB42-0AA0	7485.-
		25	3VJ1092-0DB32-0AA0	5540.-	3VJ1092-0EB42-0AA0	7485.-
		32	3VJ1003-0DB32-0AA0	5540.-	3VJ1003-0EB42-0AA0	7485.-
		40	3VJ1004-0DB32-0AA0	5540.-	3VJ1004-0EB42-0AA0	7485.-
		50	3VJ1005-0DB32-0AA0	5540.-	3VJ1005-0EB42-0AA0	7485.-
		63	3VJ1006-0DB32-0AA0	5540.-	3VJ1006-0EB42-0AA0	7485.-
		80	3VJ1008-0DB32-0AA0	5540.-	3VJ1008-0EB42-0AA0	7485.-
		100	3VJ1010-0DB32-0AA0	5540.-	3VJ1010-0EB42-0AA0	7485.-
	125	3VJ1012-0DB32-0AA0	7970.-	3VJ1012-0EB42-0AA0	11250.-	
	18kA	16	3VJ1096-1DB32-0AA0	8380.-	3VJ1096-1EB42-0AA0	10755.-
		20	3VJ1002-1DB32-0AA0	8380.-	3VJ1002-1EB42-0AA0	10755.-
		25	3VJ1092-1DB32-0AA0	8380.-	3VJ1092-1EB42-0AA0	10755.-
		32	3VJ1003-1DB32-0AA0	8380.-	3VJ1003-1EB42-0AA0	10755.-
		40	3VJ1004-1DB32-0AA0	8380.-	3VJ1004-1EB42-0AA0	10755.-
		50	3VJ1005-1DB32-0AA0	8380.-	3VJ1005-1EB42-0AA0	10755.-
		63	3VJ1006-1DB32-0AA0	8380.-	3VJ1006-1EB42-0AA0	10755.-
		80	3VJ1008-1DB32-0AA0	8380.-	3VJ1008-1EB42-0AA0	10755.-
		100	3VJ1010-1DB32-0AA0	8380.-	3VJ1010-1EB42-0AA0	10755.-
	125	3VJ1012-1DB32-0AA0	9605.-	3VJ1012-1EB42-0AA0	12510.-	
	25kA	16	3VJ1096-3DB32-0AA0	9625.-	3VJ1096-3EB42-0AA0	12765.-
		20	3VJ1002-3DB32-0AA0	9625.-	3VJ1002-3EB42-0AA0	12765.-
		25	3VJ1092-3DB32-0AA0	9625.-	3VJ1092-3EB42-0AA0	12765.-
		32	3VJ1003-3DB32-0AA0	9625.-	3VJ1003-3EB42-0AA0	12765.-
		40	3VJ1004-3DB32-0AA0	9625.-	3VJ1004-3EB42-0AA0	12765.-
		50	3VJ1005-3DB32-0AA0	9625.-	3VJ1005-3EB42-0AA0	12765.-
		63	3VJ1006-3DB32-0AA0	9625.-	3VJ1006-3EB42-0AA0	12765.-
		80	3VJ1008-3DB32-0AA0	9625.-	3VJ1008-3EB42-0AA0	12765.-
		100	3VJ1010-3DB32-0AA0	9625.-	3VJ1010-3EB42-0AA0	12765.-
	125	3VJ1012-3DB32-0AA0	10980.-	3VJ1012-3EB42-0AA0	14035.-	

Notes:
 Phase barriers are included in the standard MCCB packing
 Std. Pkg. = 1 unit * MRP - Max. Retail Price

Circuit Breakers



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	15435.-	3VJ1216-3EB42-0AA0	18790.-	
		200	3VJ1220-3DB32-0AA0	16670.-	3VJ1220-3EB42-0AA0	20980.-	
		250	3VJ1225-3DB32-0AA0	18760.-	3VJ1225-3EB42-0AA0	24705.-	
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	35105.-	3VJ1332-3EB42-0AA0	45210.-	
		400	3VJ1340-3DB32-0AA0	35105.-	3VJ1340-3EB42-0AA0	45210.-	
		3VJ11 (VJ1 125)	16	3VJ1196-5DB32-0AA0	12765.-	3VJ1196-5EB42-0AA0	16860.-
20	3VJ1102-5DB32-0AA0		12765.-	3VJ1102-5EB42-0AA0	16860.-		
25	3VJ1192-5DB32-0AA0		12765.-	3VJ1192-5EB42-0AA0	16860.-		
32	3VJ1103-5DB32-0AA0		12765.-	3VJ1103-5EB42-0AA0	16860.-		
40	3VJ1104-5DB32-0AA0		12765.-	3VJ1104-5EB42-0AA0	16860.-		
50	3VJ1105-5DB32-0AA0		12765.-	3VJ1105-5EB42-0AA0	16860.-		
63	3VJ1106-5DB32-0AA0		12765.-	3VJ1106-5EB42-0AA0	16860.-		
80	3VJ1108-5DB32-0AA0		12765.-	3VJ1108-5EB42-0AA0	16860.-		
100	3VJ1110-5DB32-0AA0		12765.-	3VJ1110-5EB42-0AA0	16860.-		
125	3VJ1112-5DB32-0AA0		14460.-	3VJ1112-5EB42-0AA0	18330.-		
3VJ12 (VJ1 250)	36kA		160	3VJ1216-5DB32-0AA0	17510.-	3VJ1216-5EB42-0AA0	21290.-
			200	3VJ1220-5DB32-0AA0	22665.-	3VJ1220-5EB42-0AA0	29255.-
		250	3VJ1225-5DB32-0AA0	26060.-	3VJ1225-5EB42-0AA0	33530.-	
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	35980.-	3VJ1332-5EB42-0AA0	46085.-	
		400	3VJ1340-5DB32-0AA0	35980.-	3VJ1340-5EB42-0AA0	46085.-	
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	53975.-	3VJ1450-5EB42-0AA0	69130.-	
		630	3VJ1463-5DB32-0AA0	53975.-	3VJ1463-5EB42-0AA0	69130.-	
3VJ11 (VJ1 125)		55kA	16	3VJ1196-7DB32-0AA0	15420.-	3VJ1196-7EB42-0AA0	20340.-
			20	3VJ1102-7DB32-0AA0	15420.-	3VJ1102-7EB42-0AA0	20340.-
			25	3VJ1192-7DB32-0AA0	15420.-	3VJ1192-7EB42-0AA0	20340.-
			32	3VJ1103-7DB32-0AA0	15420.-	3VJ1103-7EB42-0AA0	20340.-
			40	3VJ1104-7DB32-0AA0	15420.-	3VJ1104-7EB42-0AA0	20340.-
	50		3VJ1105-7DB32-0AA0	15420.-	3VJ1105-7EB42-0AA0	20340.-	
	63		3VJ1106-7DB32-0AA0	15420.-	3VJ1106-7EB42-0AA0	20340.-	
	80		3VJ1108-7DB32-0AA0	15420.-	3VJ1108-7EB42-0AA0	20340.-	
	100		3VJ1110-7DB32-0AA0	15420.-	3VJ1110-7EB42-0AA0	20340.-	
	125		3VJ1112-7DB32-0AA0	16965.-	3VJ1112-7EB42-0AA0	22380.-	
	3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	20300.-	3VJ1216-7EB42-0AA0	26815.-
			200	3VJ1220-7DB32-0AA0	23350.-	3VJ1220-7EB42-0AA0	30825.-
250		3VJ1225-7DB32-0AA0	26835.-	3VJ1225-7EB42-0AA0	35455.-		
3VJ13 (VJ1 400)	320	3VJ1332-7DB32-0AA0	36860.-	3VJ1332-7EB42-0AA0	47410.-		
	400	3VJ1340-7DB32-0AA0	36860.-	3VJ1340-7EB42-0AA0	47410.-		
3VJ14 (VJ1 630)	500	3VJ1450-7DB32-0AA0	55295.-	3VJ1450-7EB42-0AA0	71105.-		
	630	3VJ1463-7DB32-0AA0	55295.-	3VJ1463-7EB42-0AA0	71105.-		

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	7390.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910
	4P	7UG09911
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911
	4P	7UG09911
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912
	4P	7UG09913
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915

Earth Leakage Protection for 3VJ MCCBs

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

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

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

LP = List Price

Circuit Breakers

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* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1915.-	3VJ9218-0AN11	1975.-	3VJ9218-0AN11	1975.-	3VJ9417-0AN11	2145.-
	Right	-	-	3VJ9218-0AN21	1975.-	3VJ9218-0AN21	1975.-	3VJ9417-0AN21	2145.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1915.-	3VJ9118-0AA11	1915.-	3VJ9218-0AA11	1975.-	3VJ9417-0AA11	2145.-
	Right	-	-	3VJ9118-0AA21	1915.-	3VJ9218-0AA21	1975.-	3VJ9417-0AA21	2145.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3100.-	3VJ9118-0AD11	3100.-	3VJ9218-0AD11	3250.-	3VJ9417-0AD11	3695.-
	Right	-	-	3VJ9118-0AD21	3100.-	3VJ9218-0AD21	3250.-	3VJ9417-0AD21	3695.-
Shunt Trip (Right) (ST)	24V DC	-	-	3VJ9218-0ST11	3945.-	3VJ9218-0ST11	3945.-	-	-
	24V AC/DC	-	-	-	-	-	-	3VJ9417-0ST21	4435.-
	48V DC	-	-	3VJ9218-0ST12	3945.-	3VJ9218-0ST12	3945.-	-	-
	48V AC/DC	-	-	-	-	-	-	3VJ9417-0ST22	4435.-
	110V DC	3VJ9018-0ST15	2870.-	3VJ9218-0ST15	3945.-	3VJ9218-0ST15	3945.-	-	-
	110V AC/DC	-	-	-	-	-	-	3VJ9417-0ST25	4435.-
	110V AC	3VJ9018-0ST35	2870.-	3VJ9218-0ST35	4095.-	3VJ9218-0ST35	4095.-	-	-
	220V AC	3VJ9018-0ST36	3110.-	3VJ9218-0ST36	4230.-	3VJ9218-0ST36	4230.-	3VJ9417-0ST36	4880.-
415V AC	3VJ9018-0ST37	3110.-	3VJ9218-0ST37	4230.-	3VJ9218-0ST37	4230.-	3VJ9417-0ST37	4880.-	
Undervoltage Release (Left) (UVR)	24V DC	-	-	3VJ9218-0UV11	5650.-	3VJ9218-0UV11	5650.-	-	-
	48V DC	-	-	3VJ9218-0UV12	5650.-	3VJ9218-0UV12	5650.-	-	-
	220V AC	-	-	3VJ9218-0UV36	5935.-	3VJ9218-0UV36	5935.-	3VJ9417-0UV36	14790.-
	415V AC	-	-	3VJ9218-0UV37	6350.-	3VJ9218-0UV37	6350.-	3VJ9417-0UV37	14790.-

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* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	-	3VJ9018-0HD11	2945.-	3VJ9118-0HD11	3170.-	3VJ9218-0HD11	3710.-	3VJ9417-0HD11	4900.-	3VJ9417-0HD11	4900.-
Spreader Links^	2P	3VJ9012-0ED00	255.-	3VJ9112-0ED00	280.-	3VJ9212-0ED00	850.-	-	-	-	-
	3P	3VJ9013-0ED00	430.-	3VJ9113-0ED00	450.-	3VJ9213-0ED00	1375.-	3VJ9313-0ED00	2405.-	3VJ9413-0ED00	3015.-
	4P	3VJ9014-0ED00	560.-	3VJ9114-0ED00	585.-	3VJ9214-0ED00	1795.-	3VJ9314-0ED00	3385.-	3VJ9414-0ED00	4260.-
Phase Barriers*		3VJ9018-0CA00	200.-	3VJ9218-0CA00	310.-	3VJ9218-0CA00	310.-	3VJ9417-0CA00	355.-	3VJ9417-0CA00	355.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	455.-	3VJ9116-0CJ30	545.-	3VJ9216-0CJ30	780.-	3VJ9413-0CJ30	1015.-	3VJ9413-0CJ30	1015.-
	4P	3VJ9014-0CJ40	640.-	3VJ9114-0CJ40	690.-	3VJ9214-0CJ40	910.-	3VJ9414-0CJ40	1250.-	3VJ9414-0CJ40	1250.-
Toggle handle extension	-	-	-	-	-	-	-	3VJ9417-0DH10	805.-	3VJ9417-0DH10	805.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	-	8UC60701YQ..	7475.-	8UC60701YQ..	7475.-	8UC60701YQ..	7475.-	8UC60702YQ..	7675.-	8UC60702YQ..	7675.-
SS Enclosures	2P/3P	3VJ9016-0DE11	3195.-	3VJ9116-0DE11	3195.-	3VJ9216-0DE12	7005.-	-	-	-	-
	4P	3VJ9014-0DE11	3195.-	3VJ9114-0DE11	3195.-	3VJ9214-0DE12	7005.-	-	-	-	-
Padlock on MCCB Dolly/Knob	-	-	-	3VJ9118-0LM10	1280.-	3VJ9218-0LM10	1280.-	3VJ9317-0LM10	3100.-	3VJ9317-0LM10	3100.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	-	-	3VJ9116-0VM10	3495.-	3VJ9216-0VM10	6815.-	3VJ9313-0VM10	13285.-	3VJ9313-0VM10	13285.-
	4P	-	-	3VJ9114-0VM10	3645.-	3VJ9214-0VM10	8045.-	3VJ9314-0VM10	17770.-	3VJ9314-0VM10	17770.-

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



SENTRON

Transfer control devices

3KC ATC6300 & 6500

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

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SIEMENS

SENTRON Auto transfer controllers

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



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

^{1) 2)} Available as accessory. Parameterization to be done via Powerconfig

Description	Type No	Unit LP* ₹	Std. pkg. (nos.)
Automatic Transfer Controllers			
3KC ATC 6300	3KC9000-8TL40	163900.-	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

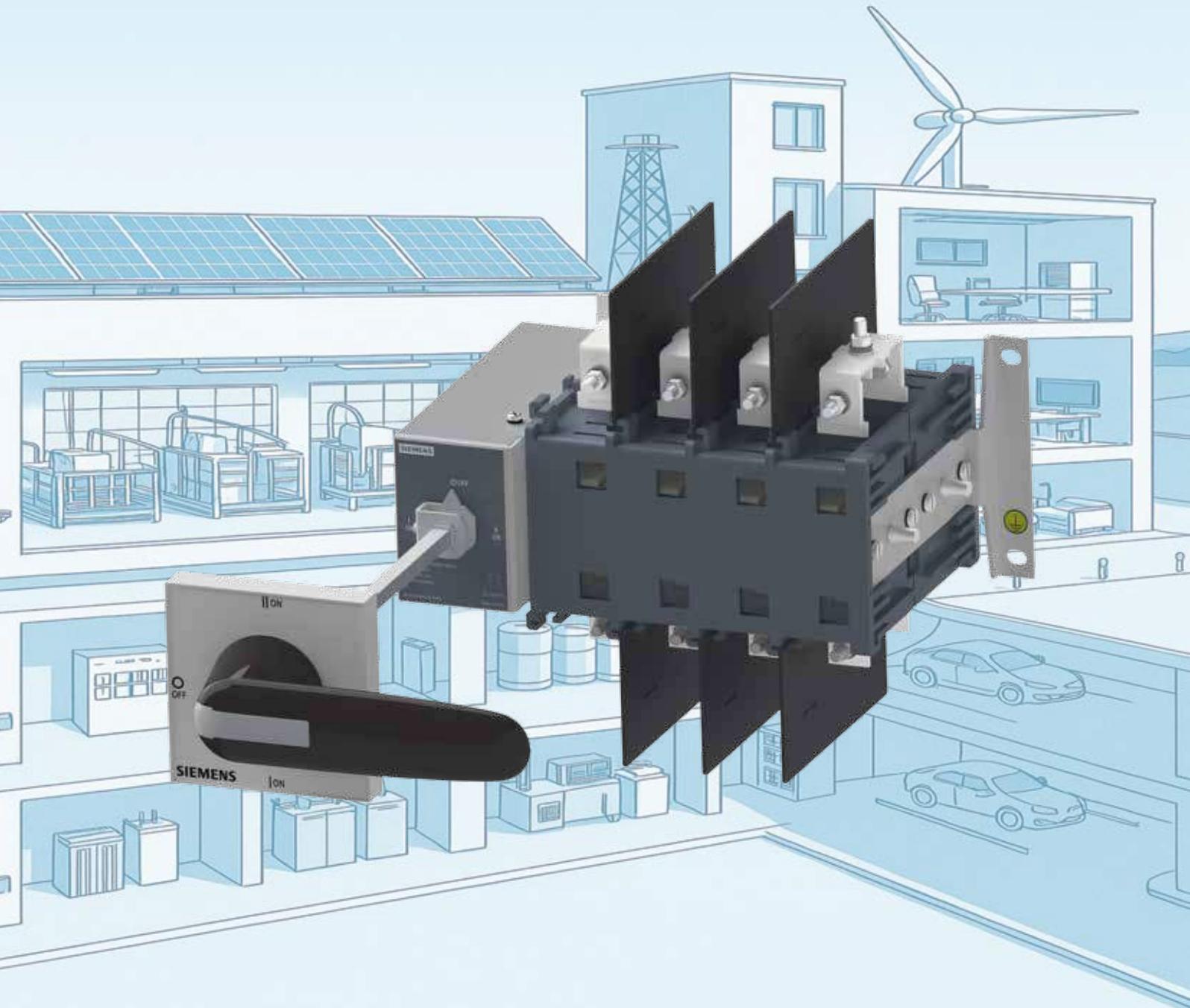
* LP - List Price

Auto Transfer Controllers

Complete Auto changeover solution with SIEMENS circuit breakers

Designed and tested with





SINOPLUS

On Load Changeover Switches – 3KJ

The Power of **Simplicity**

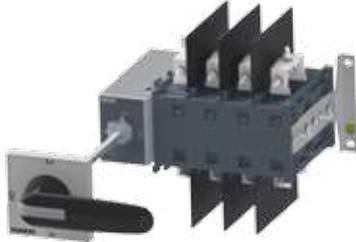
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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SIEMENS

Manual On Load Changeover Switch 3KJ

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



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

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std. pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	8155.-	3KJ1126-4AA20-1AA0	16120.-	1
		100	3KJ1130-4AA20-0AA0	10840.-	3KJ1130-4AA20-1AA0	18940.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	16230.-	3KJ0132-4AA20-1AA0	22065.-	1
		160	3KJ0134-4AA20-0AA0	17835.-	3KJ0134-4AA20-1AA0	25265.-	1
		200	3KJ0236-4AA20-0AA0	22710.-	3KJ0236-4AA20-1AA0	29225.-	1
	2	250	3KJ0238-4AA20-0AA0	27800.-	3KJ0238-4AA20-1AA0	36315.-	1
		315	3KJ0240-4AA20-0AA0	36420.-	3KJ0240-4AA20-1AA0	44390.-	1
		400	3KJ0242-4AA20-0AA0	52865.-	3KJ0242-4AA20-1AA0	65995.-	1
	3	630	3KJ0346-4AA20-0AA0	62870.-	3KJ0346-4AA20-1AA0	75985.-	1
		800	3KJ0348-4AA20-0AA0	91195.-	3KJ0348-4AA20-1AA0	109280.-	1
	4	1000	3KJ0450-4AA30-0AA0	171760.-	3KJ0450-4AA30-1AA0	188875.-	1
		1250	3KJ0452-4AA30-0AA0	211675.-	3KJ0452-4AA30-1AA0	243935.-	1
		1600	3KJ0454-4AA30-0AA0	269845.-	3KJ0454-4AA30-1AA0	328985.-	1
	5	2000	3KJ0556-4AA30-0AA0	415395.-	3KJ0556-4AA30-1AA0	453450.-	1
		2500	3KJ0558-4AA30-0AA0	532580.-	3KJ0558-4AA30-1AA0	580215.-	1
		3150	3KJ0560-4AA30-0AA0	684800.-	3KJ0560-4AA30-1AA0	786455.-	1

Notes:

3KJ On Load Changeover Switch is switch disconnecter 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



Metro



Solar



Power Utilities



Port



Crane



Offshore



Metal



Oil



Mining

Manual On Load Changeover Switch 3KJ



Auxiliary switch

Gland box

Accessories and spares

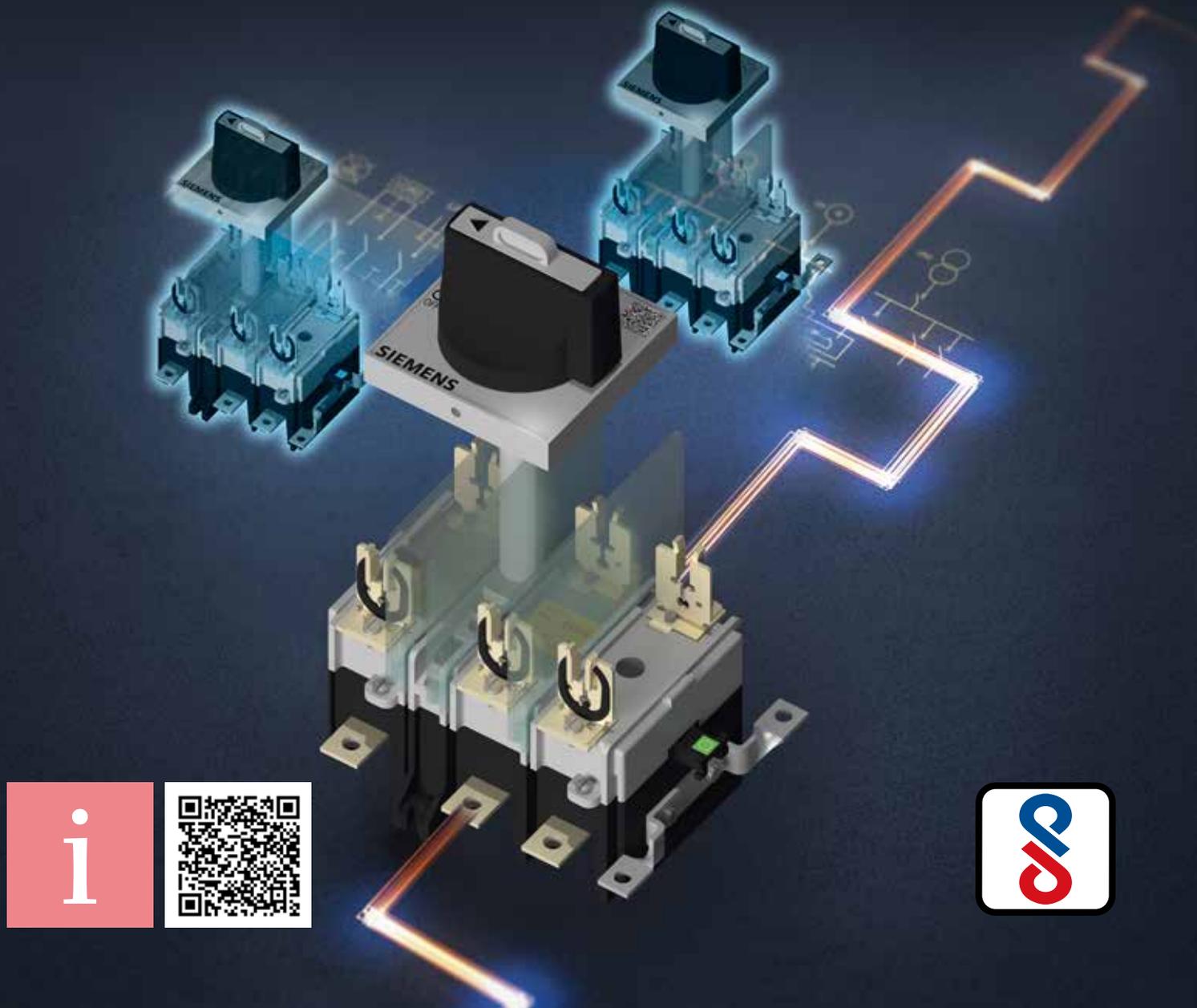
Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch ¹⁾	1CO	3KJ9101-1AB00	815.-					1
	2CO	3KJ9101-1AD00	1630.-					1
	1NO+1NC			3KJ9001-1AB00	2115.-	3KJ9001-5AB00	4280.-	1
	2NO+2NC			3KJ9001-1AD00	7370.-	3KJ9001-5AD00	15995.-	1
Gland box ²⁾	With one gland plate			3KJ9013-1MA00	4395.-	3KJ9013-2MB00	9940.-	1
Spare Phase barrier		3KJ9103-1CA00	55.-	3KJ9003-1CA00	75.-	3KJ9003-3CA00	120.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	770.-	3KJ9006-2FT00	770.-	3KJ9006-2FT00	770.-	1
Spare Shaft		3KJ9107-1GA00	260.-	3KJ9007-2GA00	260.-	3KJ9007-2GA00	260.-	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		
						400A 3KJ9008-2HE00		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	POR	1
						400A 3KJ9002-2BE00	POR	1
								1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch ¹⁾	1NO+1NC	3KJ9001-5AB00	4280.-	3KJ9001-5AB00	4280.-	3KJ9001-5AB00	4280.-	1
	2NO+2NC	3KJ9001-5AD00	15995.-	3KJ9001-5AD00	15995.-	3KJ9001-5AD00	15995.-	1
Gland box ²⁾	With one gland plate	3KJ9013-3MC00	15300.-					1
Spare Phase barrier	Lower side	3KJ9003-3CA00	120.-	3KJ9003-4CA00	430.-			1
	Front side					3KJ9003-5CA10	430.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	875.-			3KJ9003-5CA20	470.-	1
	Metallic							1
Spare Shaft		3KJ9007-4GA00	555.-	3KJ9007-4GA00	555.-	3KJ9007-5GA00	555.-	1
		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
Spare pole ³⁾		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
	Spare Extended link				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00	
				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	2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1

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

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

Load Break Switches



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
- QCO Certification: Size 3, 3KL8 SDF is now QCO certified

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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



Switch disconnecter 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	4335.-	3KL8111-4TJ00	4405.-	3KL8111-4TC00	4500.-	1
32A	3KL8121-4TA00	4485.-	3KL8121-4TJ00	4830.-	3KL8121-4TC00	4860.-	1
63A	3KL8151-4TA00	6035.-	3KL8151-4TJ00	6120.-	3KL8151-4TC00	6370.-	1
100A	3KL8171-4TA00	9060.-	-	-	-	-	1
100A	3KL8211-4TA00	13015.-	3KL8211-4TJ00	14190.-	-	-	1
125A	3KL8221-4TA00	15945.-	3KL8221-4TJ00	16895.-	-	-	1
160A	3KL8231-4TA00	17705.-	3KL8231-4TJ00	20530.-	-	-	1
200A	3KL8311-4UA00	25400.-	3KL8311-4UJ00	26665.-	-	-	1
250A	3KL8321-4UA00	29595.-	3KL8321-4UJ00	31605.-	-	-	1
315A	3KL8331-4UA00	35620.-	3KL8331-4UJ00	38995.-	-	-	1
400A	3KL8341-4UA00	39195.-	3KL8341-4UJ00	45050.-	-	-	1
500A	3KL8411-4UA00	63655.-	3KL8411-4UJ00	72610.-	-	-	1
630A	3KL8421-4UA00	65995.-	3KL8421-4UJ00	75235.-	-	-	1
800A [§]	3KL8431-4UA00	78005.-	3KL8431-4UJ00	81520.-	-	-	1

Switch disconnecter 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	3850.-	3KL8111-5TJ00	3860.-	3KL8111-5TC00	3880.-	1
32A	3KL8121-5TA00	3910.-	3KL8121-5TJ00	3935.-	3KL8121-5TC00	3965.-	1
63A	3KL8151-5TA00	5245.-	3KL8151-5TJ00	5355.-	3KL8151-5TC00	5405.-	1
100A	3KL8171-5TA00	7515.-	-	-	-	-	1
100A	3KL8211-5TA00	10465.-	3KL8211-5TJ00	10560.-	-	-	1
125A	3KL8221-5TA00	13470.-	3KL8221-5TJ00	13530.-	-	-	1
160A	3KL8231-5TA00	14415.-	3KL8231-5TJ00	14480.-	-	-	1
200A	3KL8311-5UA00	19785.-	3KL8311-5UJ00	20380.-	-	-	1
250A	3KL8321-5UA00	22475.-	3KL8321-5UJ00	23085.-	-	-	1
315A	3KL8331-5UA00	26760.-	3KL8331-5UJ00	27210.-	-	-	1
400A	3KL8341-5UA00	32245.-	3KL8341-5UJ00	32725.-	-	-	1
500A	3KL8411-5UA00	51865.-	3KL8411-5UJ00	53060.-	-	-	1
630A	3KL8421-5UA00	54625.-	3KL8421-5UJ00	57465.-	-	-	1
800A [§]	3KL8431-5UA00	58250.-	3KL8431-5UJ00	62265.-	-	-	1

Switch disconnecter 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	3735.-	1
32A	3KL8121-1TA00	3805.-	1
63A	3KL8151-1TA00	5165.-	1
100A	3KL8211-1TA00	10280.-	1
125A	3KL8221-1TA00	13070.-	1
160A	3KL8231-1TA00	14125.-	1
200A	3KL8311-1UA00	19170.-	1
250A	3KL8321-1UA00	22350.-	1
315A	3KL8331-1UA00	26355.-	1
400A	3KL8341-1UA00	31735.-	1
500A	3KL8411-1UA00	51075.-	1
630A	3KL8421-1UA00	54285.-	1
800A [§]	3KL8431-1UA00	57890.-	1



§ 3KL8431 (800A): 710A with fuse cover
 < 415V AC for size 3, 3KL83 SDF

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

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

Load Break Switches

Superswitch 3KL8

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

Rated current I _e @690V ^c 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	3480.-	-	-	3KL8111-2TC00	3550.-	1
32A [®]	3KL8121-2TA00	3550.-	-	-	3KL8121-2TC00	3700.-	1
63A [®]	3KL8151-2TA00	4615.-	-	-	3KL8151-2TC00	4660.-	1
100A [®]	3KL8171-2TA00	7140.-	-	-	-	-	1
100A	3KL8211-2TA00	9830.-	3KL8211-2TJ00	10055.-	-	-	1
125A	3KL8221-2TA00	11390.-	3KL8221-2TJ00	12410.-	-	-	1
160A	3KL8231-2TA00	11845.-	3KL8231-2TJ00	13365.-	-	-	1
200A	3KL8311-2UA00	17215.-	3KL8311-2UJ00	18815.-	-	-	1
250A	3KL8321-2UA00	18750.-	3KL8321-2UJ00	20780.-	-	-	1
315A	3KL8331-2UA00	22815.-	3KL8331-2UJ00	24205.-	-	-	1
400A	3KL8341-2UA00	27180.-	3KL8341-2UJ00	28575.-	-	-	1
500A	3KL8411-2UA00	42920.-	3KL8411-2UJ00	49975.-	-	-	1
630A	3KL8421-2UA00	43900.-	3KL8421-2UJ00	50705.-	-	-	1
800A [§]	3KL8431-2UA00	57105.-	3KL8431-2UJ00	57295.-	-	-	1



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

Rated current I _e @690V ^c 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	8045.-	3KL8111-4TA10	9275.-	1
	BS	3KL8111-5TJ10	8115.-	3KL8111-4TJ10	9290.-	1
	CYL	3KL8111-5TC10	8160.-	3KL8111-4TC10	9370.-	1
32A	DIN	3KL8121-5TA10	8610.-	3KL8121-4TA10	9565.-	1
	BS	3KL8121-5TJ10	8635.-	3KL8121-4TJ10	9675.-	1
	CYL	3KL8121-5TC10	8675.-	3KL8121-4TC10	9710.-	1
63A	DIN	3KL8151-5TA10	9560.-	3KL8151-4TA10	11280.-	1
	BS	3KL8151-5TJ10	9590.-	3KL8151-4TJ10	11560.-	1
	CYL	3KL8151-5TC10	9670.-	3KL8151-4TC10	11600.-	1
100A	DIN	3KL8211-5TA10	15325.-	3KL8211-4TA10	18165.-	1
	BS	3KL8211-5TJ10	15775.-	3KL8211-4TJ10	18350.-	1
125A	DIN	3KL8221-5TA10	18160.-	3KL8221-4TA10	21875.-	1
	BS	3KL8221-5TJ10	18295.-	3KL8221-4TJ10	22565.-	1
160A	DIN	3KL8231-5TA10	19485.-	3KL8231-4TA10	24050.-	1
	BS	3KL8231-5TJ10	19635.-	3KL8231-4TJ10	24210.-	1
200A	DIN	3KL8311-5UA10	28095.-	3KL8311-4UA10	39265.-	1
	BS	3KL8311-5UJ10	28315.-	3KL8311-4UJ10	40165.-	1
250A	DIN	3KL8321-5UA10	31855.-	3KL8321-4UA10	41810.-	1
	BS	3KL8321-5UJ10	32075.-	3KL8321-4UJ10	42105.-	1
315A	DIN	3KL8331-5UA10	37890.-	3KL8331-4UA10	49765.-	1
	BS	3KL8331-5UJ10	38100.-	3KL8331-4UJ10	50010.-	1
400A	DIN	3KL8341-5UA10	43705.-	3KL8341-4UA10	55800.-	1
	BS	3KL8341-5UJ10	44265.-	3KL8341-4UJ10	56035.-	1
500A	DIN	3KL8411-5UA10	65085.-	3KL8411-4UA10	82065.-	1
	BS	3KL8411-5UJ10	65280.-	3KL8411-4UJ10	82950.-	1
630A	DIN	3KL8421-5UA10	68520.-	3KL8421-4UA10	87150.-	1
	BS	3KL8421-5UJ10	68715.-	3KL8421-4UJ10	87405.-	1
800A [§]	DIN	3KL8431-5UA10	73555.-	3KL8431-4UA10	93560.-	1
	BS	3KL8431-5UJ10	73750.-	3KL8431-4UJ10	93805.-	1



Load Break Switches

SS[^] Enclosure for 3KL8/ 3KA8

Rated current I _e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	5905.-	1
200A-400A	3KX8345-4AC	7860.-	1
500A-800A	3KX8435-4AC ¹⁾	12885.-	1
200A-800A	3KX8435-4AG ^{#2)}	22125.-	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

[<] 415V AC for size 3, 3KL83 SDF

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 ⁹	3905.-	3KA8151-5TE00	4710.-	3KA8151-4TE00	6700.-	1
100A	-	-	3KA8171-5TE00	7325.-	3KA8171-4TE00	13475.-	1
100A	3KA8211-2TE00	6835.-	3KA8211-5TE00	9315.-	3KA8211-4TE00	15580.-	1
125A	3KA8221-2TE00	8580.-	3KA8221-5TE00	10700.-	3KA8221-4TE00	16735.-	1
160A	3KA8231-2TE00	11435.-	3KA8231-5TE00	13920.-	3KA8231-4TE00	21085.-	1
200A	3KA8311-2UE00	14540.-	3KA8311-5UE00	17975.-	3KA8311-4UE00	24470.-	1
250A	3KA8321-2UE00	15910.-	3KA8321-5UE00	18980.-	3KA8321-4UE00	30060.-	1
400A	3KA8341-2UE00	22070.-	3KA8341-5UE00	28065.-	3KA8341-4UE00	40970.-	1
630A ⁵	3KA842□-2UE00	35405.-	3KA842□-5UE00	44550.-	3KA842□-4UE00	58645.-	1
800A ⁵	3KA843□-2UE00	36945.-	3KA843□-5UE00	45975.-	3KA843□-4UE00	67300.-	1
1000A ⁵	3KA844□-2UE00	49435.-	3KA844□-5UE00	66040.-	3KA844□-4UE00	82930.-	1
1250A ⁵	3KA845□-2UE00	65000.-	3KA845□-5UE00	85670.-	3KA845□-4UE00	99695.-	1
1600A ⁵	3KA846□-2UE00	74965.-	3KA846□-5UE00	94815.-	3KA846□-4UE00	134270.-	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⁾	385.-	3KX8230-0JF	940.-	3KX8340-0AF	1380.-	3KX8430-0JF	1955.-	1				
		BS			3KX8230-0HF	940.-			3KX8430-0HF	1955.-	1				
	3P	DIN			3KX8230-0JE	940.-			3KX8340-0AE	1380.-	3KX8430-0JE	1955.-	1		
		BS			3KX8230-0HE	940.-					3KX8430-0HE	1955.-	1		
	4P	DIN			3KX8230-0JG	940.-					3KX8340-0AG	1380.-	3KX8430-0JG	1955.-	1
		BS			3KX8230-0HG	940.-							3KX8430-0HG	1955.-	1
Terminal cover (1set = 2pieces)	2P	-	3KX8151-0AE	195.-	3KX8231-0AF	800.-	3KX8341-0AF	1505.-					3KX8431-0AF	1765.-	1
	3P	-			3KX8231-0AE	800.-	3KX8341-0AE	1505.-					3KX8431-0AE	1765.-	1
	4P	-	3KX8151-0AG	695.-	3KX8231-0AG	800.-	3KX8341-0AG	1505.-	3KX8431-0AG	1765.-			1		
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	75.-	3KX8153-0AE (DIN)	75.-	3KX8343-0AE	240.-	3KX8433-0AE	365.-			1		
					3KX8233-0JE (BS)	75.-				1					
Fuse cover phase barrier kit ³⁾			-	-	-	-	3KX8340-9AE	770.-	3KX8440-9AE	770.-	1				
Auxiliary switch (1NO+1NC)			3SB5400-0A* ⁶	285.-	3KX3522-1YC	1160.-	3KX3552-1YC	1395.-	3KX3582-1YC	1690.-	1				
Auxiliary switch (2NO+2NC)			-	-	3KX3522-1YD	2090.-	3KX3552-1YD	3020.-	3KX3582-1YD	3260.-	1				
Auxiliary switch cover			3KX8154-0AC	130.-	3KX8234-0AC	130.-	-	-	-	-	1				
Front drive (Handle)			8UC6114-1BB00	1430.-	8UC6214-1BB00	1615.-	8UC6314-1BB00	2440.-	8UC6414-1BB00	3570.-	1				
Operating shaft (300mm)			8UC60-31	395.-	8UC60-32	480.-	8UC60-34	930.-	8UC60-34	930.-	1				
Castell interlock ¹⁾			8UC6070-0YQ..	7475.-	8UC6070-1YQ..	7475.-	8UC6070-2YQ..	7675.-	8UC6070-2YQ..	7675.-	1				
Depth setting template			8UC6046-2	85.-	8UC6046-2	85.-	8UC6046-2	85.-	8UC6046-2	85.-	1				
Fuse Monitor with auxiliary switch ⁴⁾ (1NO+1NC)			3RV1611-0BD10	12320.-	3RV1611-0BD10	12320.-	3RV1611-0BD10	12320.-	3RV1611-0BD10	12320.-	1				
			3RV2901-1E	1625.-	3RV2901-1E	1625.-	3RV2901-1E	1625.-	3RV2901-1E	1625.-	1				
Fuse safety barrier			3KX8150-1AC	205.-	3KX8230-1AC	265.-	-	-	-	-	1				
Gland box with gland plate (1no.)			3KX8235-4DC	6850.-	3KX8235-4DC	6850.-	3KX8345-4DC	9455.-	3KX8435-4DC	14405.-	1				
									3KX8435-4DG ⁴⁾	23570.-	1				
Gland plate			3KX8235-4GC	1450.-	3KX8235-4GC	1450.-	3KX8345-4GC	1885.-	3KX8435-4GC	2090.-	1				
									3KX8435-4GG ⁴⁾	2110.-	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, OB, OC, 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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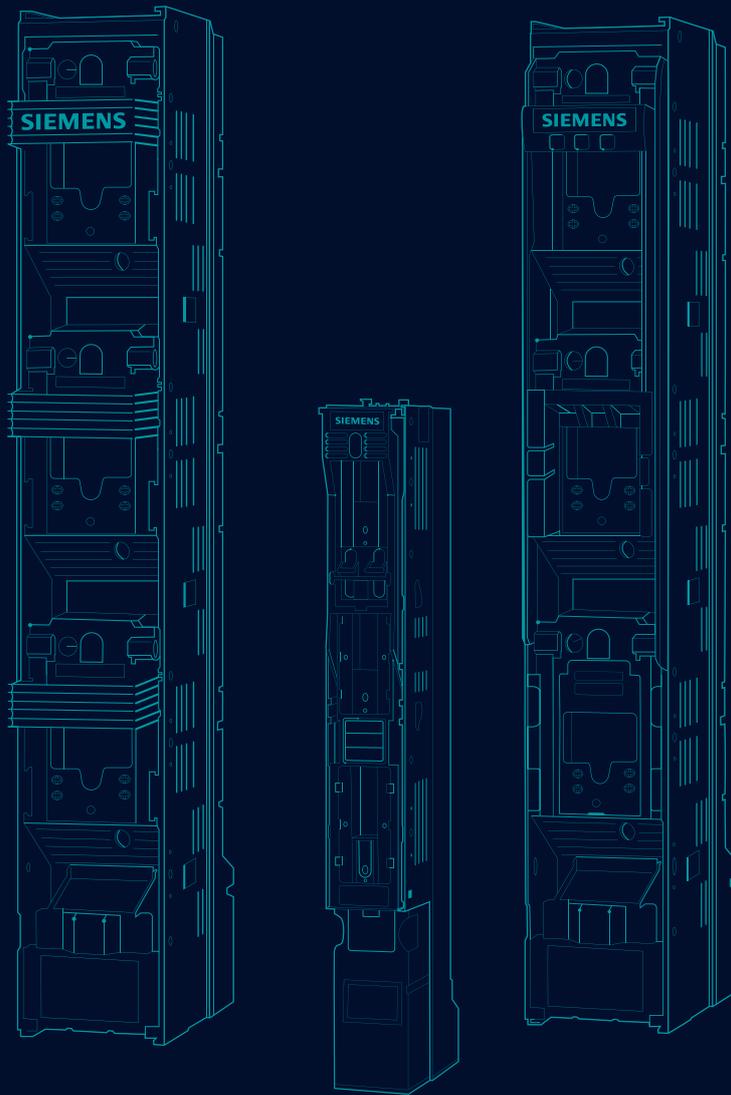
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3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- 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-ORCO	POR
	3				3NJ4103-3BF01-ORCO	
250	1		NH1	M10 flat terminal	3NJ4121-3BF01-ORCO	
	3				3NJ4123-3BF01-ORCO	
400	1		NH1, NH2	M12 flat terminal	3NJ4131-3BF01-ORCO	
	3				3NJ4133-3BF01-ORCO	
630	1		NH2, NH3	M12 flat terminal	3NJ4141-3BF01-ORCO	
	3				3NJ4143-3BF01-ORCO	

Accessories for fuse switch disconnecter 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-ORCO*	POR
	2 x 300 mm ² / 3 x 120 mm ²	3NJ4911-5BA00-ORCO*	
M16	1 x 400 mm ²	3NJ4911-5CA00-ORCO*	



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-ORCO*	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-ORCO*	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-ORCO^	POR

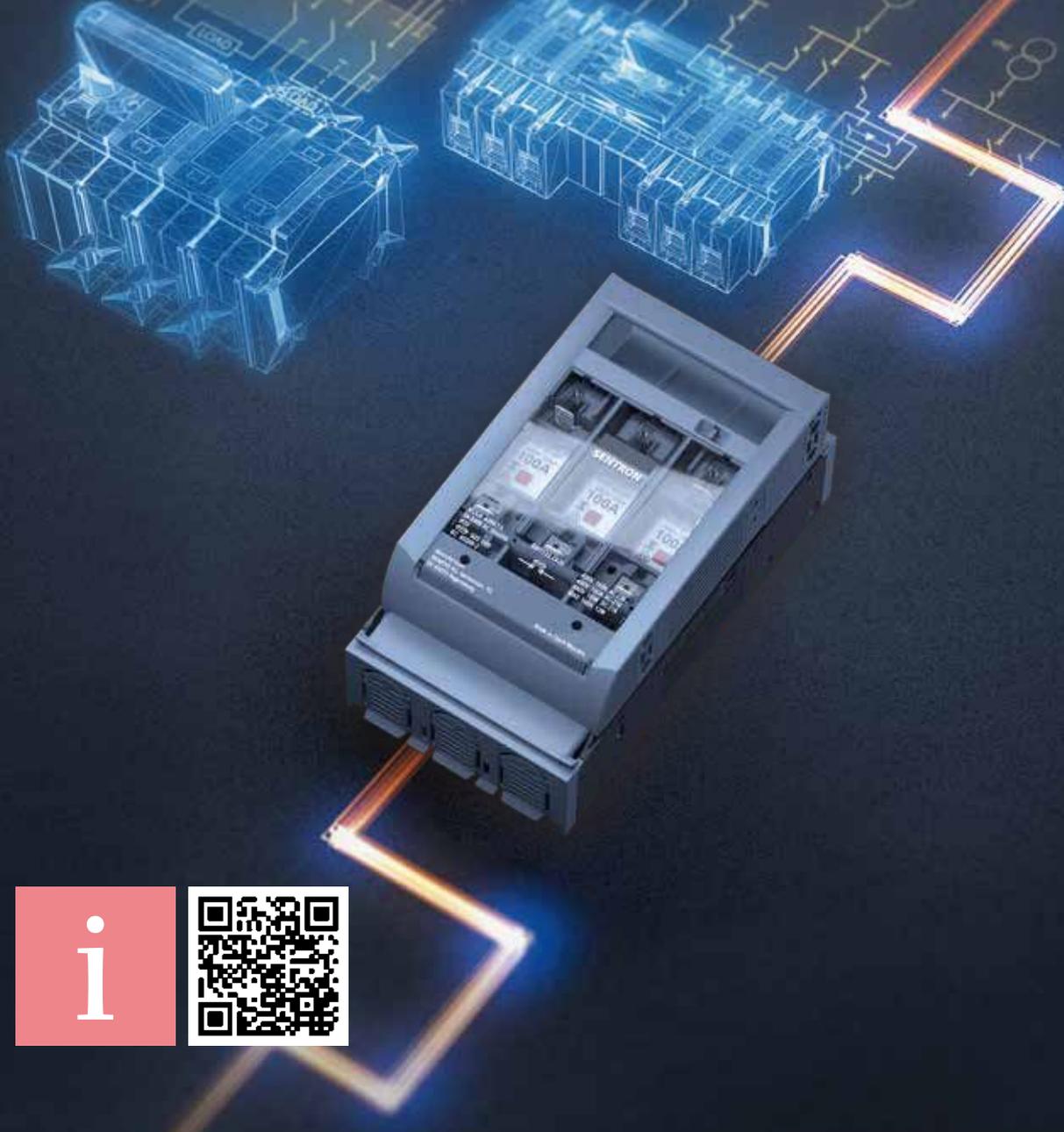
* Applicable to 3NJ412, 3NJ413, 3NJ414

^ 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	5660.-
				3	3NP1123-1CA20	10280.-
				4	3NP1124-1CA20	17950.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA10	5955.-
				3	3NP1133-1CA10	10755.-
				4	3NP1134-1CA10	18705.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA10	17355.-
				3	3NP1143-1DA10	31465.-
				4	3NP1144-1DA10	51585.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA10	23870.-
				3	3NP1153-1DA10	43115.-
				4	3NP1154-1DA10	69775.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA10	31765.-
				3	3NP1163-1DA10	57770.-
				4	3NP1164-1DA10	92580.-



1-pole



3-pole



2-pole



4-pole

3NP1 with Electronic fuse monitoring ³⁾

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles ⁴⁾	Type	Unit LP* ₹
100 ¹⁾	000	000	Box	1	3NP1121-1CA24	19820.-
				3	3NP1123-1CA24	30680.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA14	18930.-
				3	3NP1133-1CA14	30960.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA14	31500.-
				3	3NP1143-1DA14	51585.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA14	38285.-
				3	3NP1153-1DA14	63795.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA14	46160.-
				3	3NP1163-1DA14	77925.-



1-pole with EFM



3-pole with EFM

- 1) Can be used up to 160A along with an accessory feeder terminal 3NP1923-1BD00 (for 3-pole) and 3NP1921-1BD00 (for 1-pole)
- 2) Box type terminals available for higher ratings 3NP1.
- 3) EFM voltage range: 1-pole: 24 ... 240 V AC (phase to N) / 24 ... 250 V DC (L+ to L-); 3-pole: 190 ... 690 V AC (phase to phase) .

Further voltage ranges are available as accessories. EFM needs external 24V DC power supply.

- 4) 2-pole 3NP1 is a combination of 2 nos. 1-pole 3NP1 with assembly kit accessories. Please refer page 52 for assembly kit selection.

Configurator for 3NP1

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



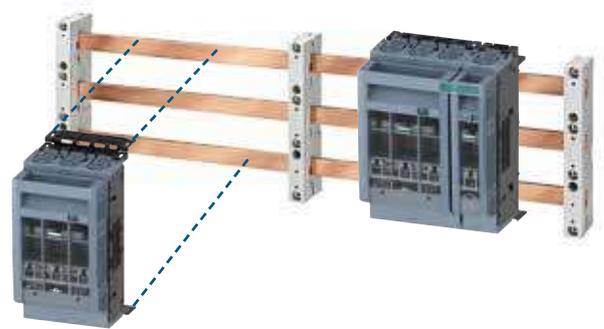
3NP1 mounting on 8US busbar

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	15220.-
				4	3NP1124-1BC20	25350.-
160 ²⁾	00	00	Flat	3	3NP1133-1BC10	16330.-
				4	3NP1134-1BC10	27320.-
250 ²⁾	1	1	Flat	3	3NP1143-1BC10	52080.-
				4	3NP1144-1BC10	81175.-
400 ²⁾	2	2	Flat	3	3NP1153-1BC10	67305.-
				4	3NP1154-1BC10	105610.-
630 ²⁾	3	3	Flat	3	3NP1163-1BC10	85435.-
				4	3NP1164-1BC10	135515.-

8US busbar system



Accessories for 3NP1

Auxillary contact (1CO type)



3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	2370.-
00	3NP1930-1FA00	2370.-
1,2,3	3NP1940-1FA00	2575.-

Feeder terminals for 3NP1 121/ 3 for use up to 160A



3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	2985.-
		3	3NP1923-1BD00	6670.-

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) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2003-0TK5□	4460.-
	25	9.5	3LD2103-0TK5□	4935.-
	32	11.5	3LD2203-0TK5□	5510.-
	63	22	3LD2504-0TK5□	9420.-
	100	37	3LD2704-0TK5□	14275.-
	125	45	3LD2804-0TK5□	18205.-
	160	75	3LD2305-0TK1□	POR
	250	132	3LD2405-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

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

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



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2022-0TK1□	3980.-
	25	9.5	3LD2122-0TK1□	4370.-
	32	11.5	3LD2222-0TK1□	5300.-

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switches with selector switch operating mechanism

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



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD2123-7UK01	9775.-
	32	11.5	3LD2223-7UK01	10695.-
	63	22	3LD2524-7UK01	17680.-
	100	37	3LD2724-7UK01	32880.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

Changeover switch with knob Operated Mechanism In moulded plastic enclosure



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD21657UB01	15650.-
	32	11.5	3LD22657UB01	17785.-
	63	22	3LD25667UB01	38590.-
	100	37	3LD27667UB01	66485.-

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

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



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2013-0TK5□	7145.-
	25	9.5	3LD2113-0TK5□	7935.-
	32	11.5	3LD2213-0TK5□	8745.-
	63	22	3LD2514-0TK5□	10495.-
	100	37	3LD2714-0TK5□	17240.-
	125	45	3LD2814-0TK5□	21530.-
	160	75	3LD2318-0TK1□	POR
	250	132	3LD2418-0TK1□	

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches In Moulded plastic enclosures

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



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2064-0TB5□	6360.-
	25	9.5	3LD2164-0TB5□	6895.-
	32	11.5	3LD2264-0TB5□	8195.-
	63	22	3LD2565-0TB5□	13565.-
	100	37	3LD2766-0TB5□	30830.-
	125	45	3LD2866-0TB5□	55805.-

□ - 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	2015.-	1		
		3LD25 (63A)	3LD9250-0BA	2950.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	3655.-	1		
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1		
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2B	1345.-	1		
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	1535.-	1		
		3LD25 (63A)	3LD9250-2BA	2020.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	2450.-	1		
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD23 (160A) and 3LD24 (250A)	3LD9240-2B	POR	1		
		3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5B	2235.-	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	2015.-	1
			3LD25 (63A)	3LD9250-0CA	2950.-	1	
3LD27 (100A) and 3LD28 (125A)	3LD9280-0C		3655.-	1			
3LD23 (160A) and 3LD24 (250A)	3LD9240-0C		POR	1			
N or PE terminal Continuous	3LD20 (16A)	3LD9200-2C	1815.-	1			
	3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	1535.-	1			
	3LD25 (63A)	3LD9250-2CA	2020.-	1			
	3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	2450.-	1			
Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD23 (160A) and 3LD24 (250A)	3LD9240-2C	POR	1			
	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5C	2120.-	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	685.-	4	
		3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	640.-	4	
3 pole		3LD25 (63A)	3LD9251-0A	715.-	4		
1 pole		3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	345.-	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	3745.-	10
		30	3LA0601-1YB	8690.-	5
	System selector	5.5	3LA0202-1YA	4275.-	10
		30	3LA0602-1YB	12155.-	5
	Reversing	5.5	3LA0203-1YA	4275.-	10
		30	3LA0603-1YB	12155.-	5
	Star-delta	12	3LA0204-5YA	6025.-	10
		30	3LA0604-1YB	16550.-	5
	2 speed pole changing i) Separate windings ii) Dahlander	5.5	3LA0205-2YA	4275.-	10
		5.5	3LA0205-1YA	5755.-	10
5.5		3LA0205-3YA	8265.-	10	

POR: Price On Request

* LP - List Price

Spares & accessories for motor control switches**



Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	230.-	10
Machine handle – Black	3LX0 611-2YA	610.-	10
Indicating dial for size 2	3LX0 220-1YA	175.-	10
Indicating dial for size 6	3LX0 620-1YA	175.-	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	175.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	160.-	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	2565.-	10
	63	52	3LA0605-1YB	6165.-	5
4	25	16	3LA0205-5YA	4275.-	10
	63	52	3LA0605-2YB	11240.-	5

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

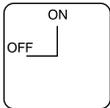
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- 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



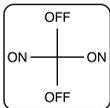
ON OFF Switches

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	235.-	450.-	540.-	565.-	590.-	725.-	925.-	1080.-	5645.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	305.-	510.-	610.-	680.-	710.-	840.-	1110.-	1385.-	7050.-	
3LD4 ___ 3AA00-ORCO	3 Pole	330.-	610.-	715.-	780.-	925.-	1035.-	1295.-	1855.-	8680.-	
3LD4 ___ 4AA00-ORCO	4 Pole	405.-	660.-	770.-	930.-	1140.-	1225.-	1485.-	2235.-	10165.-	

90° Operation with complete rotation

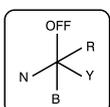
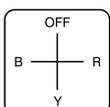


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	230.-	450.-	540.-	565.-	570.-	715.-	920.-	1075.-	5645.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	305.-	510.-	610.-	680.-	710.-	840.-	1110.-	1385.-	7050.-	
3LD4 ___ 3BC00-ORCO	3 Pole	330.-	610.-	715.-	780.-	925.-	1035.-	1295.-	1855.-	8680.-	
3LD4 ___ 4BC00-ORCO	4 Pole	405.-	660.-	770.-	930.-	1140.-	1225.-	1485.-	2235.-	10165.-	

* 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)



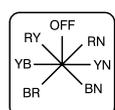
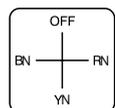
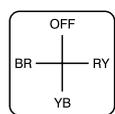
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RCO	495.-	1
	10A	3LD41024DC200RCO	595.-	
	16A	3LD41034DC200RCO	760.-	
	20A	3LD41044DC200RCO	845.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RCO	490.-	
	10A	3LD41024DD200RCO	590.-	
	16A	3LD41034DD200RCO	745.-	
	20A	3LD41044DD200RCO	940.-	



* LP - List Price

3LD4 Control Switches

Voltmeter Selector Switch (VSS)

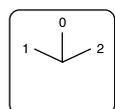


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	365.-	1
	10A	3LD41024DC300RC0	540.-	
	16A	3LD41034DC300RC0	690.-	
	20A	3LD41044DC300RC0	780.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	645.-	
	10A	3LD41024DC310RC0	725.-	
	16A	3LD41034DC310RC0	930.-	
	20A	3LD41044DC310RC0	1030.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	645.-	
	10A	3LD41024DF300RC0	1080.-	
	16A	3LD41034DF300RC0	1285.-	
	20A	3LD41044DF300RC0	1395.-	



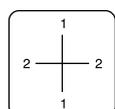
Changeover Switch

With OFF (60°)



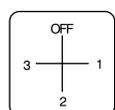
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-ORCO	1P 2W	305.-	555.-	680.-	700.-	715.-	790.-	1075.-	1460.-	7290.-	1
3LD4 ___ 2BB10-ORCO	2P 2W	405.-	680.-	770.-	910.-	965.-	1135.-	1470.-	2205.-	10665.-	
3LD4 ___ 3BB10-ORCO	3P 2W	495.-	840.-	1030.-	1265.-	1465.-	1580.-	1855.-	2970.-	13805.-	
3LD4 ___ 4BB10-ORCO	4P 2W	610.-	930.-	1185.-	1545.-	1945.-	2045.-	2270.-	3755.-	17600.-	

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-ORCO	1P 2W	305.-	555.-	680.-	690.-	715.-	790.-	1075.-	1460.-	7290.-	1
3LD4 ___ 2PC10-ORCO	2P 2W	405.-	680.-	770.-	910.-	965.-	1135.-	1470.-	2205.-	10665.-	
3LD4 ___ 3PC10-ORCO	3P 2W	495.-	840.-	1030.-	1265.-	1465.-	1580.-	1855.-	2970.-	13805.-	
3LD4 ___ 4PC10-ORCO	4P 2W	610.-	930.-	1185.-	1545.-	1945.-	2045.-	2270.-	3755.-	17600.-	

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-ORCO	1P 3W	365.-	490.-	570.-	680.-	690.-	855.-	1255.-	1405.-	5995.-	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-ORCO



3LD4 Control Switches

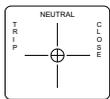
Breaker Control Switch

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

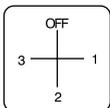


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	2010.-	1
	32A	3LD4206-2BB50-ORCO	2370.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	2420.-	
	32A	3LD4206-4BB50-ORCO	2820.-	

Multistep Switch

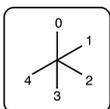


Multistep 3 Way with OFF



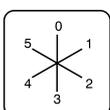
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1CC40-ORCO	1P 3W	365.-	610.-	710.-	725.-	770.-	860.-	1225.-	1385.-	7050.-	1
3LD4 ___2CC40-ORCO	2P 3W	495.-	715.-	860.-	1030.-	1175.-	1260.-	1815.-	2040.-	10980.-	
3LD4 ___3CC40-ORCO	3P 3W	715.-	950.-	1460.-	1560.-	1740.-	1890.-	2415.-	3155.-	14355.-	
3LD4 ___4CC40-ORCO	4P 3W	920.-	1230.-	1765.-	1935.-	2165.-	2385.-	3240.-	3775.-	18130.-	

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	415.-	545.-	1030.-	1115.-	1230.-	1370.-	1550.-	2105.-	6235.-	1
3LD4 ___2DD40-ORCO	2P 4W	715.-	1035.-	1215.-	1250.-	1300.-	1505.-	1945.-	2460.-	9630.-	
3LD4 ___3DD40-ORCO	3P 4W	1000.-	1390.-	1930.-	2025.-	2165.-	2485.-	3320.-	3775.-	26530.-	

Multistep 5 Way with OFF

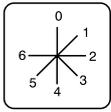


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1EE40-ORCO	1P 5W	470.-	875.-	1185.-	1335.-	1540.-	1560.-	1930.-	2255.-	6635.-	1
3LD4 ___2EE40-ORCO	2P 5W	840.-	1355.-	1570.-	1815.-	2100.-	2460.-	2535.-	3165.-	9625.-	

* LP - List Price

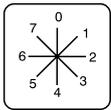
Multistep Switch

Multistep 6 Way with OFF



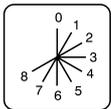
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-ORCO	1P 6W	605.-	985.-	1140.-	1255.-	1370.-	1600.-	1640.-	2655.-	1
3LD4 ___ 2FF40-ORCO	2P 6W	1000.-	1470.-	1650.-	1865.-	2105.-	2550.-	3260.-	4265.-	

Multistep 7 Way with OFF



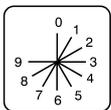
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-ORCO	1P 7W	610.-	1010.-	1250.-	1365.-	1560.-	1635.-	1700.-	2640.-	1

Multistep 8 Way with OFF



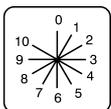
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	695.-	855.-	1225.-	1420.-	1

Multistep 9 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	715.-	1040.-	1265.-	1505.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-ORCO	1P 10W	840.-	1105.-	1700.-	2285.-	1

Multistep 11 Way with OFF



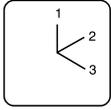
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORCO	1P 11W	1000.-	1195.-	1865.-	2460.-	1

* 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-ORCO

Multistep Switch

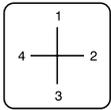


Multistep 3 Way without OFF



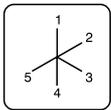
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORCO	1P 3W	340.-	590.-	715.-	725.-	910.-	935.-	1450.-	1635.-	6135.-	1
3LD4 ___ 2QB40-ORCO	2P 3W	495.-	890.-	1010.-	1110.-	1190.-	1225.-	1815.-	2145.-	10980.-	
3LD4 ___ 3QB40-ORCO	3P 3W	715.-	1110.-	1505.-	1610.-	1740.-	1890.-	2655.-	3155.-	11790.-	
3LD4 ___ 4QB40-ORCO	4P 3W	920.-	1230.-	1745.-	1980.-	2200.-	2340.-	5160.-	5695.-	12640.-	

Multistep 4 Way without OFF



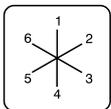
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-ORCO	1P 4W	390.-	645.-	875.-	940.-	1085.-	1140.-	1570.-	2190.-	7475.-	1
3LD4 ___ 2RC40-ORCO	2P 4W	555.-	925.-	1030.-	1185.-	1285.-	1405.-	1890.-	2460.-	11540.-	
3LD4 ___ 3RC40-ORCO	3P 4W	760.-	910.-	1635.-	1810.-	2045.-	2270.-	2470.-	3300.-	15215.-	

Multistep 5 Way without OFF



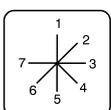
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-ORCO	1P 5W	470.-	675.-	935.-	1075.-	1225.-	1505.-	1930.-	2465.-	6600.-	1
3LD4 ___ 2SD40-ORCO	2P 5W	840.-	1140.-	1285.-	1650.-	1935.-	2085.-	2675.-	3390.-	9490.-	

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	490.-	605.-	1175.-	1255.-	1370.-	1560.-	1820.-	2310.-	10980.-	1
3LD4 ___ 2TE40-ORCO	2P 6W	950.-	1155.-	1580.-	1980.-	2425.-	2490.-	2535.-	3235.-	21905.-	

Multistep 7 Way without OFF

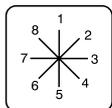


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1UF40-ORCO	1P 7W	605.-	770.-	890.-	1230.-	1625.-	1630.-	1945.-	2895.-	1	

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF



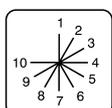
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	610.-	1205.-	1330.-	1420.-	1

Multistep 9 Way without OFF



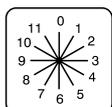
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	715.-	1250.-	2110.-	2625.-	1

Multistep 10 Way without OFF



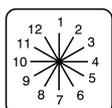
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	770.-	1270.-	2340.-	3155.-	1

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	800.-	1300.-	2520.-	3330.-	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	875.-	1330.-	2625.-	3365.-	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
- Measurement up to 63rd I and V harmonics

Description	Type	Unit LP* ₹
PAC 3120 with integrated RS 485 port for MODBUS RTU Class 0.5 accuracy, screw terminals AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	7KM3120-0BA01-1DA0#	70995.-
PAC 3220 with integrated dual ethernet port for MODBUS TCP Class 0.5 accuracy, screw terminals With AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	7KM3220-0BA01-1DA0#	96990.-
PAC 4200 with integrated ethernet port for MODBUS TCP Class 0.2s accuracy, screw terminals With AC/DC wide voltage power supply 95...240V AC ±10%, 50/60Hz, 110...340V DC ±10%	7KM4220-0BA01-1EA0#	POR

Expansion Modules (for PAC3220 and PAC4200)

Description	Type	Unit LP * ₹
PROFIBUS DP expansion module	7KM9300-0AB01-0AA0	POR
RS485 expansion module for MODBUS RTU	7KM9300-0AM00-0AA0	POR
Switched Ethernet PROFINET V3 expansion module	7KM9300-0AE02-0AA0	POR
Digital Expansion Module 4DI/2DO ⁵	7KM9200-0AB00-0AA0	POR
Analog Expansion Module	7KM9200-0AD00-0AA0	POR

For extra low DC voltage (22 ... 65 V DC ± 10 %) option, please contact your nearest Siemens Sales Office.
⁵ 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* ₹
SETRON powermanager: Complete Energy Management Software	POR

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

PAC EXPANSION Modules



7KM PAC 3220



7KM PAC4220



MODBUS RTU



PROFINET



PROFIBUS DP

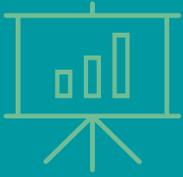


I(N), I(Diff), Analog



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



IoT-Cloud apps and remote monitoring

→ "Cloud / apps"



Connectivity and on-premise monitoring

→ "Software / gateway"



Field devices and sensors

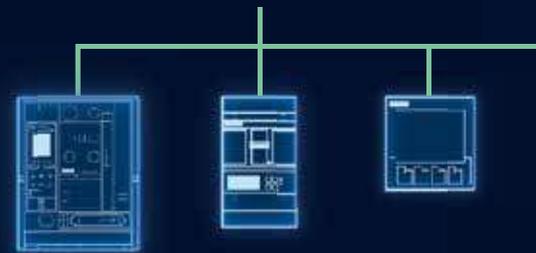
→ "Things"



SENTRON
Powermind



7KN Powercenter 3000



3WA

3VA

7KM PAC3220

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

Siemens/SENTRON-Digitalization



Watts



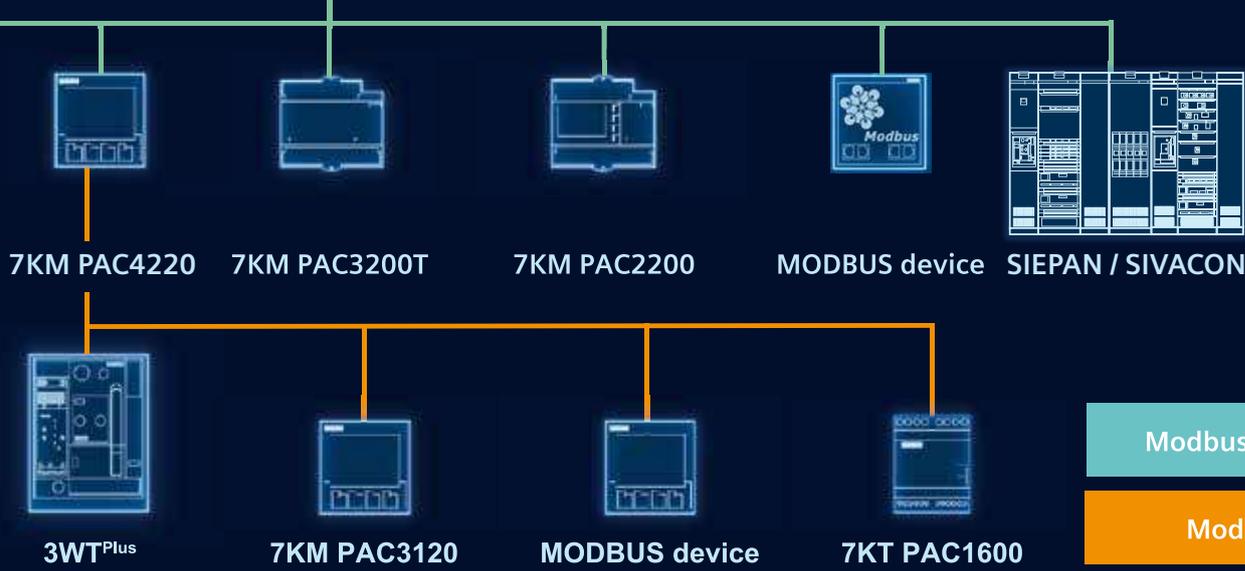
SETRON
powermanager



SETRON
powerconfig



Adaptive
web interface

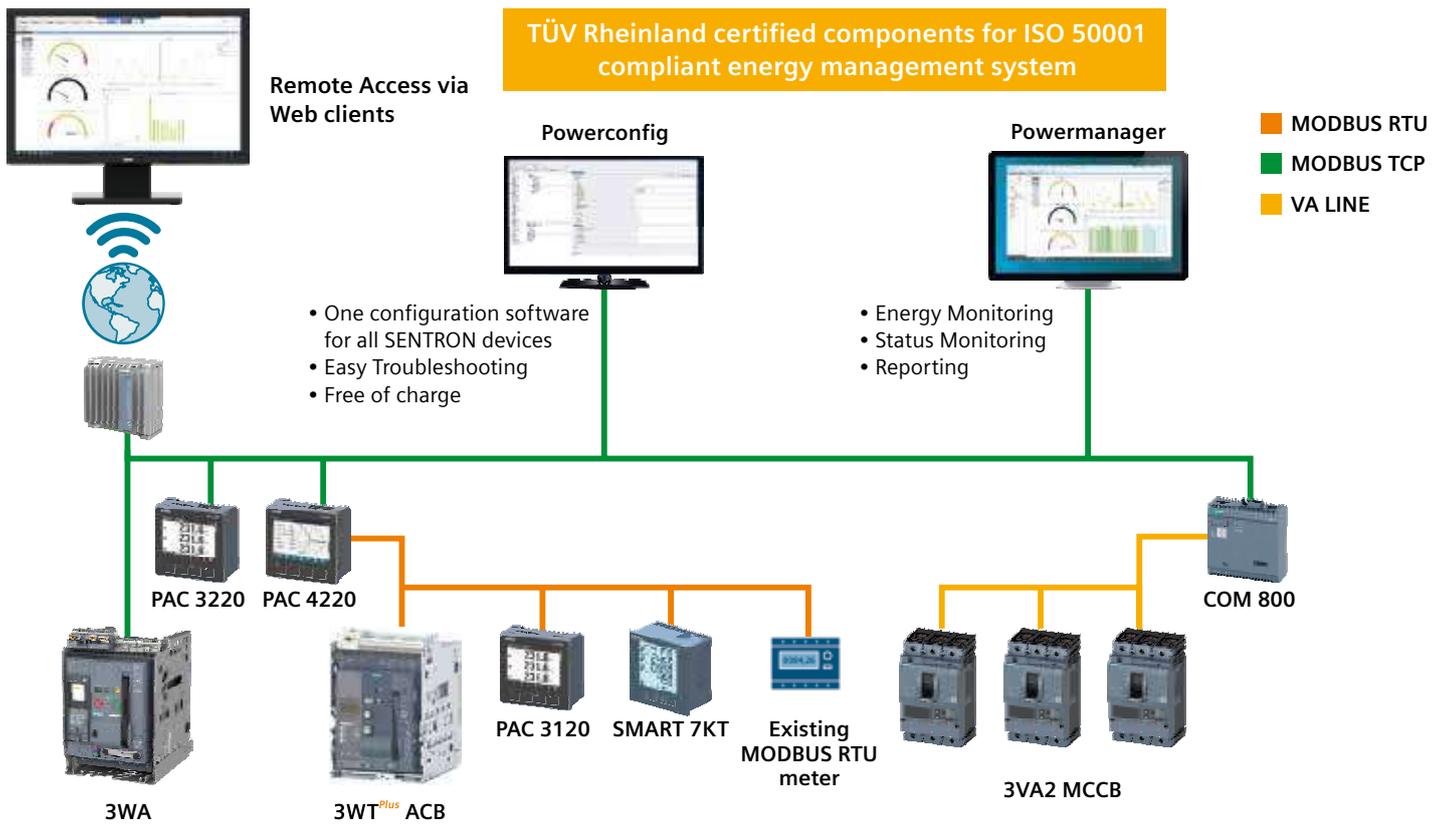


Scan to
explore

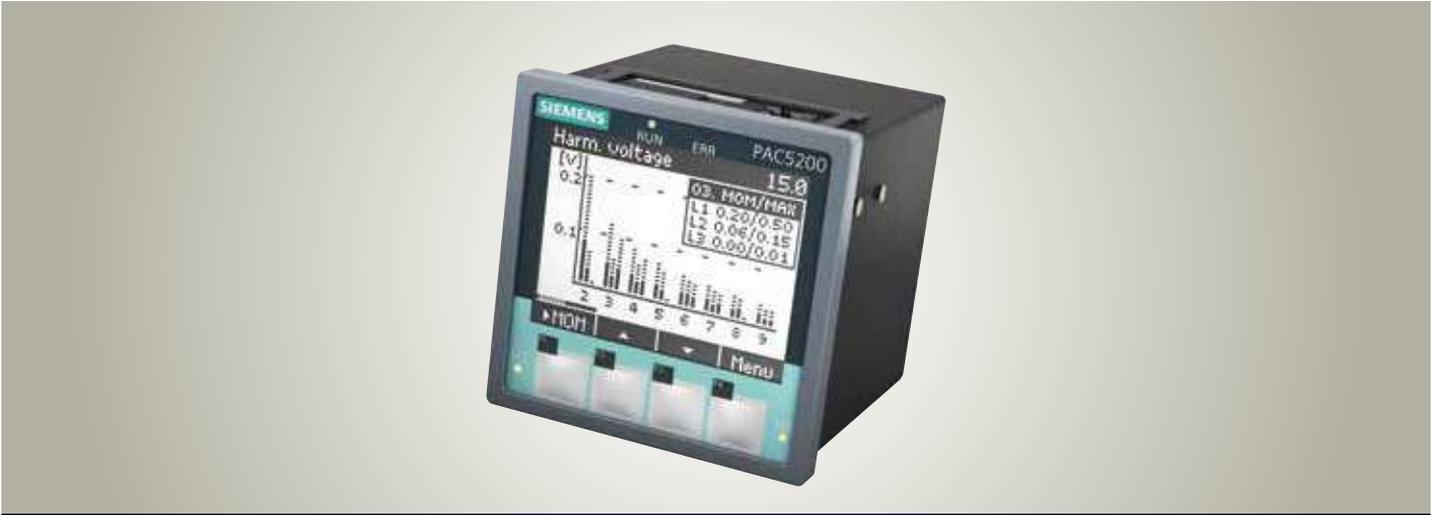


SIEMENS

Single Platform For Intelligent Power Distribution Management



Energy Management System



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

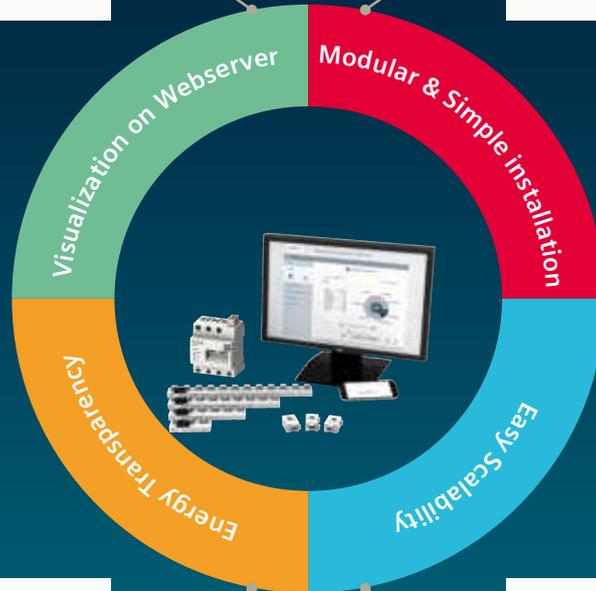
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SIEMENS

- 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	4315.-
VA meter	7KT0110	3960.-
3 phase energy meter	7KT0210	8595.-

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

Multi Function Meter

Description	Type	Unit LP ₹
LCD Class 0.5s	7KT0311	23215.-
LCD Class 1	7KT0310	19395.-



Basic Multi Function Meter

Description	Type	Unit LP ₹
Multi-line LED Class 1	7KT0308	14440.-
Single-line LED Class 1	7KT0307	9625.-



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	5730.-

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	26195.-
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	925.-
External Shunt for DC meter/ 100A/60mV	7KT0922	1155.-
External Shunt for DC meter/ 100A/75mV	7KT0923	1155.-
External Shunt for DC meter/ 150A/75mV	7KT0924	1435.-
External Shunt for DC meter/ 200A/60mV	7KT0925	2550.-

POR: Price On Request

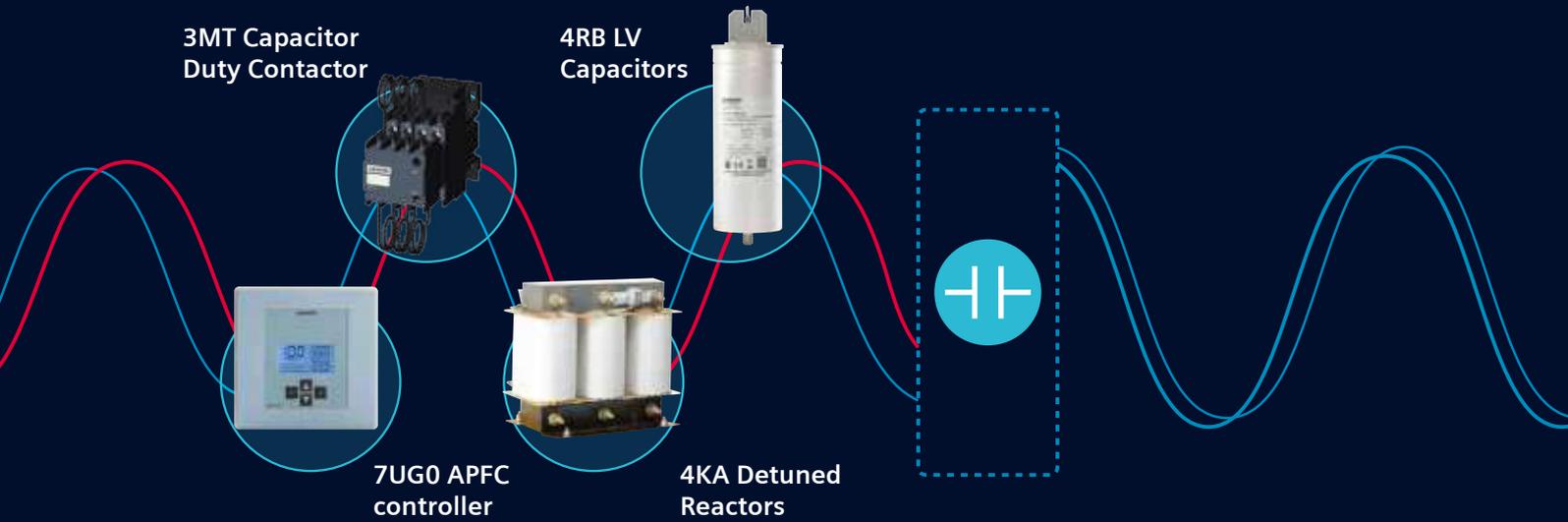
Std. Pkg. = 1 unit

* LP - List Price



for more info
scan QR code

Power Factor Correction



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SIEMENS

SIECAP™ LV Power Capacitors

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	3730.-	1
	6	4RB2060-3EE52-8K	3730.-	1
	7	4RB2070-3EE52-8K	4090.-	1
	7.5	4RB2075-3EE52-8K	4580.-	1
	8.3	4RB2083-3EE52-8K	4855.-	1
	10	4RB2100-3EE52-8K	5850.-	1
	12.5	4RB2125-3EE52-8K	6315.-	1
	15	4RB2150-3EE52-8K	7575.-	1
	20	4RB2200-3EE52-8K	10065.-	1
	20.8	4RB2208-3EE52-8K	10490.-	1
	25	4RB2250-3EE52-8K	12605.-	1
	28	4RB2280-3EE52-8K	14110.-	1
	30	4RB2300-3EE52-8K	15130.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	3435.-	1
	5.5	4RB2055-3EJ52-8K	3805.-	1
	10.4	4RB2104-3EJ52-8K	6355.-	1
	11.1	4RB2111-3EJ52-8K	6480.-	1
	12.5	4RB2125-3EJ52-8K	6640.-	1
	20.8	4RB2208-3EJ52-8K	11040.-	1
	25	4RB2250-3EJ52-8K	13265.-	1
	27.7	4RB2277-3EJ52-8K	14705.-	1
	30	4RB2300-3EJ52-8K	15930.-	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.

Power Factor Correction



Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	4380.-	1
	7.5	4RB2075-3EB53-8K	5815.-	1
	10.4	4RB2104-3EB53-8K	8075.-	1
	12.5	4RB2125-3EB53-8K	8755.-	1
	15	4RB2150-3EB53-8K	10515.-	1
	20	4RB2200-3EB53-8K	14015.-	1
	25	4RB2250-3EB53-8K	17520.-	1
440	5	4RB2050-3EE53-8K	4510.-	1
	7.5	4RB2075-3EE53-8K	5815.-	1
	10	4RB2100-3EE53-8K	7755.-	1
	12.5	4RB2125-3EE53-8K	8755.-	1
	15	4RB2150-3EE53-8K	10515.-	1
	20	4RB2200-3EE53-8K	14015.-	1
	25	4RB2250-3EE53-8K	17520.-	1
	30	4RB2300-3EE53-8K	21010.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	4510.-	1
	6.3	4RB2063-3EJ53-8K	5050.-	1
	10.4	4RB2104-3EJ53-8K	7550.-	1
	11	4RB2110-3EJ53-8K	7990.-	1
	12.5	4RB2125-3EJ53-8K	9075.-	1
	13.8	4RB2138-3EJ53-8K	10020.-	1
	15	4RB2150-3EJ53-8K	10885.-	1
	16.7	4RB2167-3EJ53-8K	12115.-	1
	18.7	4RB2187-3EJ53-8K	13565.-	1
	20	4RB2200-3EJ53-8K	14525.-	1
	22	4RB2220-3EJ53-8K	15955.-	1
	25	4RB2250-3EJ53-8K	18135.-	1
	28.1	4RB2281-3EJ53-8K	20390.-	1
	30	4RB2300-3EJ53-8K	21755.-	1
525	5	4RB2050-3FC53-8K	4650.-	1
	6.3	4RB2063-3FC53-8K	5215.-	1
	8.3	4RB2083-3FC53-8K	6860.-	1
	10.4	4RB2104-3FC53-8K	7805.-	1
	12.5	4RB2125-3FC53-8K	9390.-	1
	13.2	4RB2132-3FC53-8K	9915.-	1
	15	4RB2150-3FC53-8K	11255.-	1
	16.7	4RB2167-3FC53-8K	12555.-	1
	20	4RB2200-3FC53-8K	15010.-	1
	25	4RB2250-3FC53-8K	18760.-	1
	26.5	4RB2265-3FC53-8K	19890.-	1
	30	4RB2300-3FC53-8K	22525.-	1
	33.1	4RB2331-3FC53-8K	24840.-	1

Power Factor Correction



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

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

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors



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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	4850.-	1
	6.3	4RB1063-3EB50-8K	5425.-	1
	7.5	4RB1075-3EB50-8K	6465.-	1
	10.4	4RB1104-3EB50-8K	8960.-	1
	12.5	4RB1125-3EB50-8K	9725.-	1
	15	4RB1150-3EB50-8K	11675.-	1
	20	4RB1200-3EB50-8K	15570.-	1
	25	4RB1250-3EB50-8K	19460.-	1
	28.1	4RB1281-3EB50-8K	21855.-	1
	30	4RB1300-3EB50-8K	23345.-	1
440	5	4RB1050-3EE50-8K	5615.-	1
	7.5	4RB1075-3EE50-8K	7250.-	1
	10	4RB1100-3EE50-8K	8620.-	1
	10.4	4RB1104-3EE50-8K	8960.-	1
	12.5	4RB1125-3EE50-8K	9725.-	1
	15	4RB1150-3EE50-8K	11675.-	1
	16.7	4RB1167-3EE50-8K	12995.-	1
	20	4RB1200-3EE50-8K	15570.-	1
	25	4RB1250-3EE50-8K	19460.-	1
	28.1	4RB1281-3EE50-8K	21855.-	1
480	5	4RB1050-3EJ50-8K	5615.-	1
	6.3	4RB1063-3EJ50-8K	6275.-	1
	8.3	4RB1083-3EJ50-8K	7390.-	1
	10.4	4RB1104-3EJ50-8K	8385.-	1
	11	4RB1111-3EJ50-8K	8875.-	1
	12.5	4RB1125-3EJ50-8K	10075.-	1
	13.8	4RB1138-3EJ50-8K	11135.-	1
	15	4RB1150-3EJ50-8K	12095.-	1
	16.7	4RB1167-3EJ50-8K	13455.-	1
	18.7	4RB1187-3EJ50-8K	15070.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	5165.-	1
	6.3	4RB1063-3FC50-8K	6500.-	1
	8.3	4RB1083-3FC50-8K	7620.-	1
	10.4	4RB1104-3FC50-8K	8670.-	1
	12.5	4RB1125-3FC50-8K	10425.-	1
	13.2	4RB1132-3FC50-8K	11010.-	1
	15	4RB1150-3FC50-8K	12505.-	1
	16.7	4RB1167-3FC50-8K	13935.-	1
	20	4RB1200-3FC50-8K	16665.-	1
	25	4RB1250-3FC50-8K	20845.-	1
690	26.5	4RB1265-3FC50-8K	22100.-	1
	30	4RB1300-3FC50-8K	25020.-	1
	33.1	4RB1331-3FC50-8K	27595.-	1
	5.3	4RB1053-3GK50-8K	5760.-	1
	6.9	4RB1068-3GK50-8K	5960.-	1
	10.4	4RB1104-3GK50-8K	8960.-	1
	12.5	4RB1125-3GK50-8K	10775.-	1
	14.6	4RB1146-3GK50-8K	12585.-	1
	20	4RB1200-3GK50-8K	17230.-	1
	25	4RB1250-3GK50-8K	21545.-	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

Power Factor Correction

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	23700.-
10kvar	5.67%	4KA1220-3AC01-0AA0	28130.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	31495.-
15kvar	5.67%	4KA1220-5AC01-0AA0	35570.-
20kvar	5.67%	4KA1220-6AC01-0AA0	38040.-
25kvar	5.67%	4KA1220-7AC01-0AA0	40700.-
5kvar	7%	4KA1220-1AA01-0AA0	22655.-
10kvar	7%	4KA1220-3AA01-0AA0	31080.-
12.5kvar	7%	4KA1220-4AA01-0AA0	33555.-
15kvar	7%	4KA1220-5AA01-0AA0	38740.-
20kvar	7%	4KA1220-6AA01-0AA0	41270.-
25kvar	7%	4KA1220-7AA01-0AA0	43435.-
50kvar	7%	4KA1220-2BA01-0AA0	77385.-
75kvar	7%	4KA1220-3BA03-0AA0	108525.-
100kvar	7%	4KA1220-4BA03-0AA0	136600.-
5kvar	14%	4KA1220-1AB01-0AA0	29825.-
12.5kvar	14%	4KA1220-4AB01-0AA0	52330.-
15kvar	14%	4KA1220-5AB01-0AA0	58620.-
20kvar	14%	4KA1220-6AB01-0AA0	71330.-
25kvar	14%	4KA1220-7AB01-0AA0	80195.-
50kvar	14%	4KA1220-2BB01-0AA0	130240.-
75kvar	14%	4KA1220-3BB03-0AA0	174190.-
100kvar	14%	4KA1220-4BB03-0AA0	242250.-

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	16845.-
10kvar	5.67%	4KA1420-3AC01-0AA0	21480.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	23540.-
15kvar	5.67%	4KA1420-5AC01-0AA0	27835.-
20kvar	5.67%	4KA1420-6AC01-0AA0	31740.-
25kvar	5.67%	4KA1420-7AC01-0AA0	32135.-
50kvar	5.67%	4KA1420-2BC01-0AA0	58475.-
5kvar	7%	4KA1420-1AA01-0AA0	17930.-
10kvar	7%	4KA1420-3AA01-0AA0	23075.-
12.5kvar	7%	4KA1420-4AA01-0AA0	25515.-
15kvar	7%	4KA1420-5AA01-0AA0	28760.-
20kvar	7%	4KA1420-6AA01-0AA0	30625.-
25kvar	7%	4KA1420-7AA01-0AA0	32760.-
50kvar	7%	4KA1420-2BA01-0AA0	56325.-
75kvar	7%	4KA1420-3BA03-0AA0	80005.-
100kvar	7%	4KA1420-4BA03-0AA0	100075.-
5kvar	14%	4KA1420-1AB01-0AA0	24410.-
10kvar	14%	4KA1420-3AB01-0AA0	36620.-
12.5kvar	14%	4KA1420-4AB01-0AA0	41660.-
15kvar	14%	4KA1420-5AB01-0AA0	47175.-
20kvar	14%	4KA1420-6AB01-0AA0	52370.-
25kvar	14%	4KA1420-7AB01-0AA0	63905.-
50kvar	14%	4KA1420-2BB01-0AA0	113060.-

Std. Pkg. = 1 unit

* LP - List Price



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..	2705.-	1NC	3MT70002JA016A..	2705.-	1
NEW 5kvar	1NO	3MT70005JA106A..	2990.-	1NC	3MT70005JA016A..	2990.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	3295.-	2NC	3MT70007JA026A..	3295.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	4105.-	2NC	3MT70010JA026A..	4105.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	4190.-	2NC	3MT70012JA026A..	4190.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	5555.-	2NC	3MT70016JA026A..	5555.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	6175.-	2NC	3MT70020JA026A..	6175.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	7080.-	2NC	3MT70025JA026A..	7080.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	10730.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	17320.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	20275.-				1
60kvar	1NO+2NC	3MT70060JA126A..	21550.-				1
80kvar	1NO+2NC	3MT70080JA126A..	26455.-				1
100kvar	1NO+2NC	3MT70100JA126A..	27490.-				1

@ Please enter coil codes from table below

Coil for Conatctors 2.5 to 60 kvar

Coil for Contactors 80 and 100 kvar

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

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	810.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	955.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2460.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2685.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	605.-	10
2NC	3MT70200CL09M1A	605.-	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	28310.-
	12 Stage with LCD display	7UG0572-1GT20	30325.-
	12 stage with LED display	7UG0572-1GT21	17340.-

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

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SIEMENS

Portfolio Overview

Feeder Protection

Non-Directional
Fixed



7SR1002 / 3

Directional
Fixed



7SR1004

Non-Directional
Drawout



7SR11

Directional
Drawout



7SR12

Motor Protection

Non-Directional | Fixed



7SR105

Directional | Drawout



7SR17

Transformer Protection

Directional | Drawout

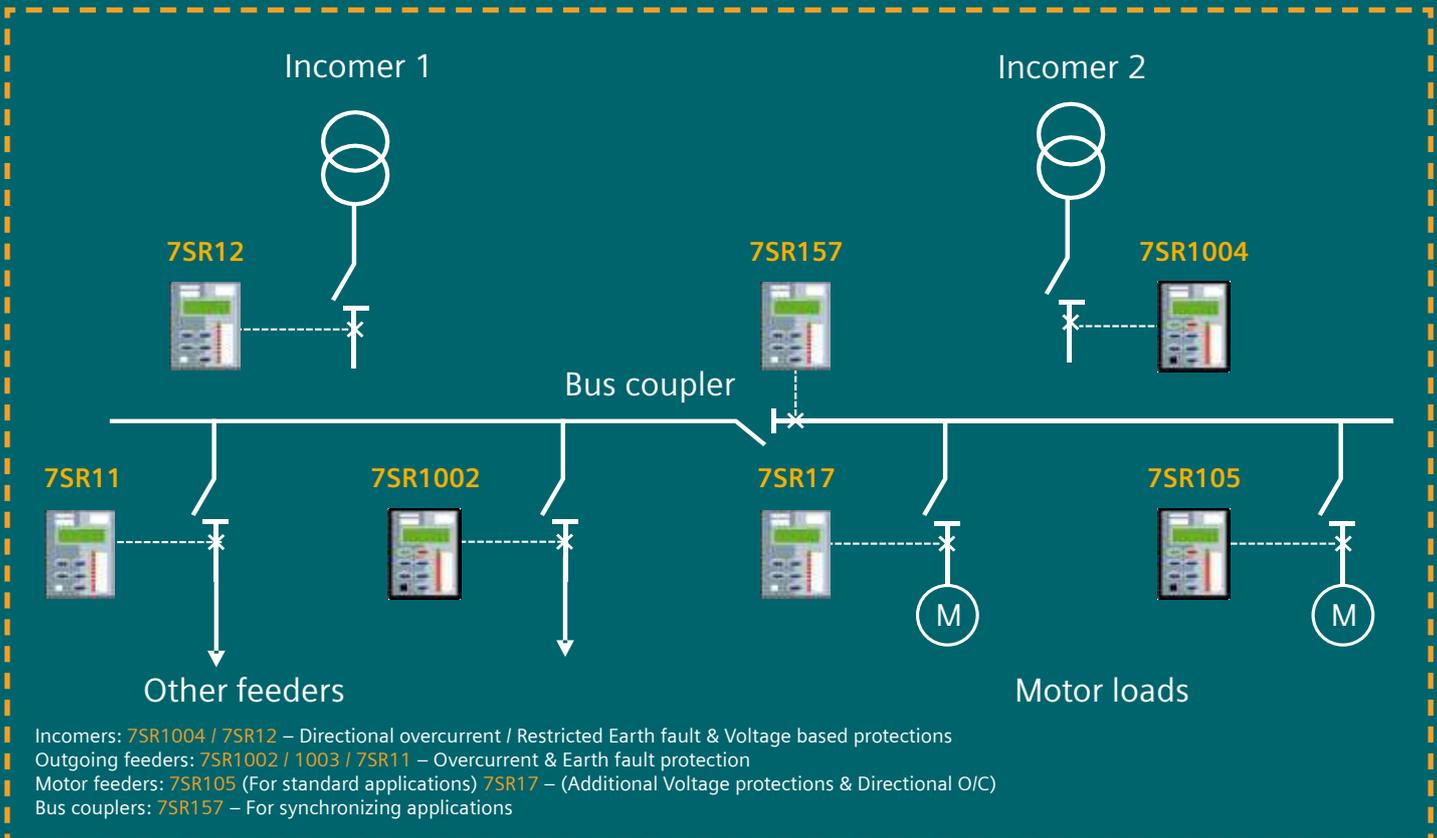


7SR242

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	125700.-
	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	217780.-
	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	212210.-
	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	236710.-
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	182450.-
	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	281585.-
	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	300370.-
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	626850.-

* 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	16140.-
	Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	16140.-
	Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	16140.-
	Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	16140.-
	Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	32415.-
	Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	32415.-
Trip Relays	Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	16140.-
	Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	16140.-
	TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	29600.-

* LP - List Price

Std Pkg = 1unit

SIEMENS

SENTRON Circuit protection devices with measuring and communication function

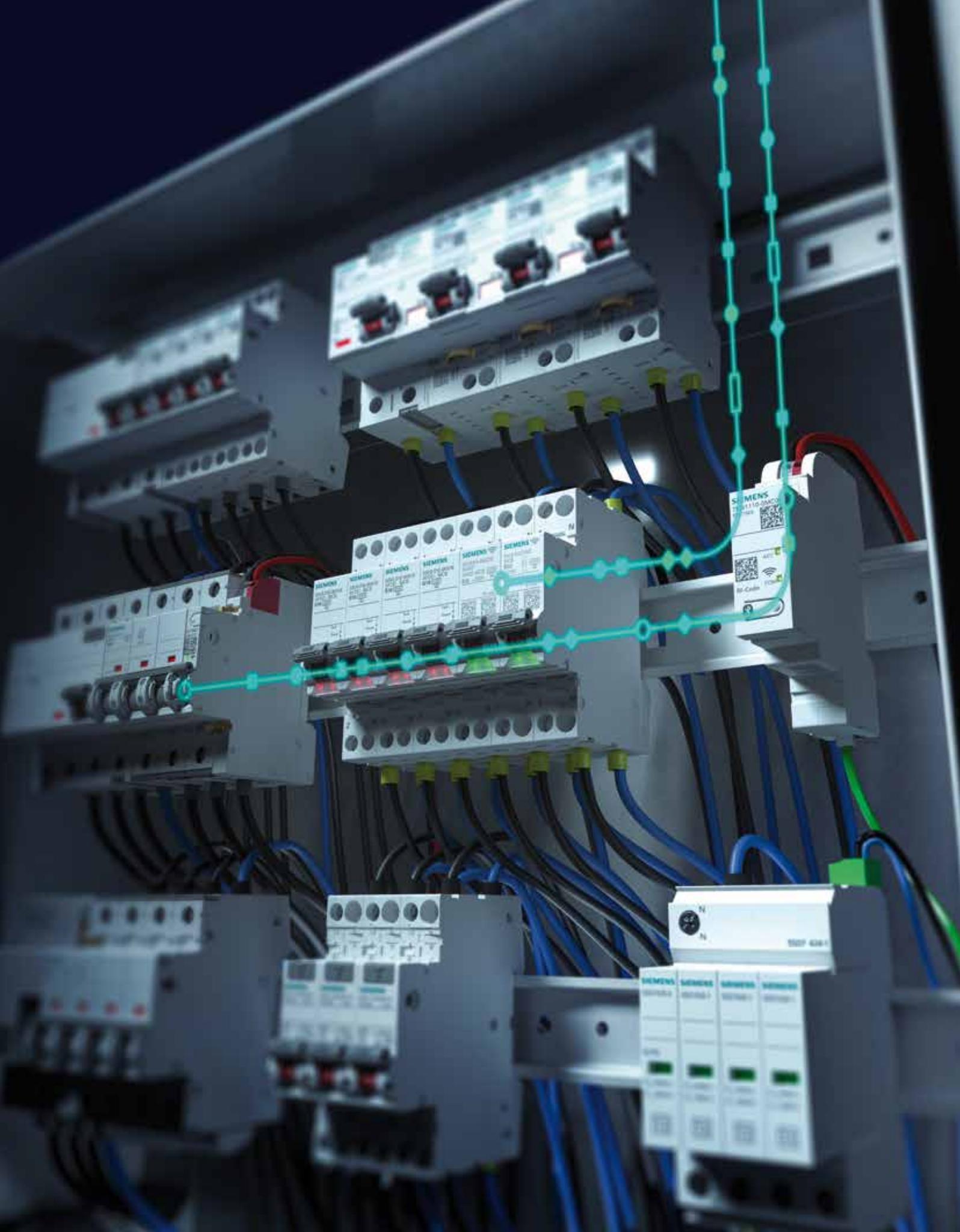


**SENTRON
5SV6 COM
AFDD/MCB**



**SENTRON
Powercenter 1000
data transceiver**





SINOPLUS 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: CML 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
1		5SL74017RC	5SL74018RC	--		1/3		
2		5SL74027RC	5SL74028RC	--		1/3		
4		5SL74047RC	5SL74048RC	--		1/3		
6		5SL74067RC	5SL74068RC	--		1/3		
10		5SL74107RC	5SL74108RC	--		1/3		
16		5SL74167RC	5SL74168RC	--		1/3		
20		5SL74207RC	5SL74208RC	--		1/3		
25		5SL74257RC	5SL74258RC	--		1/3		
32		5SL74327RC	5SL74328RC	--		1/3		
40		5SL74407RC	5SL74408RC	--		1/3		
50		5SL74507RC	5SL74508RC	--		1/3		
63		5SL74637RC	5SL74638RC	--		1/3		

1 MW (Module Width) = 18 mm

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



Geared to act **FAST!**

Siemens range of fuses

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

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

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

HRC fuses (DIN) 3NA

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



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

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	595.-	1/6
	4	3NA78040RC	595.-	1/6
	6	3NA78010RC	595.-	1/6
	10	3NA78030RC	595.-	1/6
	16	3NA78050RC	600.-	1/6
	20	3NA78070RC	600.-	1/6
	25	3NA78100RC	600.-	1/6
	32	3NA78120RC	600.-	1/6
	40	3NA78170RC	625.-	1/6
	50	3NA78200RC	625.-	1/6
	63	3NA78220RC	700.-	1/6
	80	3NA78240RC	770.-	1/6
	100	3NA78300RC	770.-	1/6
	00	125	3NA78320RC	920.-
160		3NA78360RC	975.-	1/6
50		3NA71200RC	1330.-	1/3
63		3NA71220RC	1330.-	1/3
1	80	3NA71240RC	1330.-	1/3
	100	3NA71300RC	1330.-	1/3
	125	3NA71320RC	1390.-	1/3
	160	3NA71360RC	1430.-	1/3
	200	3NA71400RC	1430.-	1/3
	224	3NA71420RC	1490.-	1/3
	250	3NA71440RC	1610.-	1/3
2	200	3NA72400RC	1975.-	1/3
	250	3NA72440RC	2055.-	1/3
	315	3NA72520RC	2130.-	1/3
3	400*	3NA72600RC	2130.-	1/3
	315	3NA33520RC	3030.-	1/3
	400	3NA33600RC	3030.-	1/3
	500	3NA33650RC	3385.-	1/3
	630	3NA33720RC	3465.-	1/3
	800*	3NA33754RC	4220.-	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	855.-	1/6
	50	3NA78206RC	855.-	1/6
	63	3NA78226RC	920.-	1/6
	80	3NA78246RC	975.-	1/6
1	100	3NA78306RC	975.-	1/6
	125	3NA71326RC	1710.-	1/3
	160	3NA71366RC	1770.-	1/3
2	200	3NA71406RC	1770.-	1/3
	250	3NA72446RC	2345.-	1/3
3	315	3NA72526RC	2525.-	1/3
	400	3NA33606RC	3760.-	1/3
	425	3NA33626RC	3760.-	1/3
500	3NA33656RC	4015.-	1/3	

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00	160	3NG1000	675.-	1
1	250	3NG1250	1020.-	1
2	400	3NG1300	1655.-	1
3	630	3NG1400	1715.-	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-ORC (Screw-in)	835.-	1/10
00/000	160	3NA7 8	3NH3032-ORC (Plug in)	895.-	1/10
1	250	3NA7 1	3NH3230-ORC	1675.-	1/5
2	400	3NA7 2	3NH3330-ORC	2370.-	1/5
3	630	3NA3 3	3NH3430-ORC	3415.-	1/5
3	800	3NA3 3	3NH3430-4RC	4045.-	1/5



Fuse puller

Description	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	3NX1011	4020.-	1
Suitable only for fuse links and isolating links	3NX1010	1680.-	1



LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	960.-	1/10
00/000	3NX3116	600.-	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

Enhancement in safety with high grade plastic cover plates.

IEC

Safe
Complies with
IEC standards



Ease of
Maintenance
Retrofitting at
site



Reliable
Siemens trusted
quality



RoHS
Complies to
RoHS directives



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Features and Benefits

- Enhanced safety with insulated gripping lugs, it will provide safety while operating.
- No special tools required enabling easy & fast installation.
- Effective & easy replacement as DIN sizes remain same as existing 3NA3 / 3NA7 fuses.
- RoHS compliant as material for gripping lugs is environment compliant.



Selection & ordering data

LV HRC fuses : 3NA6...-RC 500V AC

LV HRC fuse links with Insulated gripping lugs

- According to IS/IEC 60269-2-1
- Rated voltage (AC): 500V
- Utilization Category gG
- Rated short circuit breaking capacity: 120kA (AC)

Fuses	DIN Size	Rated current	Rated voltage	Order No.	Unit LP* ₹	Std. pkg. (nos.)
	1	50A	500 V	3NA61200RC	1330.-	3
		63A	500 V	3NA61220RC	1330.-	3
		80A	500 V	3NA61240RC	1330.-	3
		100A	500 V	3NA61300RC	1330.-	3
		125A	500 V	3NA61320RC	1390.-	3
		160A	500 V	3NA61360RC	1430.-	3
		200A	500 V	3NA61400RC	1430.-	3
		224A	500 V	3NA61420RC	1490.-	3
		250A	500 V	3NA61440RC	1610.-	3
	2	200A	500 V	3NA62400RC	1975.-	3
		250A	500 V	3NA62440RC	2055.-	3
		315A	500 V	3NA62520RC	2130.-	3
		400A	500 V	3NA62600RC	2130.-	3

* LP - List Price





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

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	170.-	20
4	■ 3NWN54	170.-	20
6	■ 3NWN56	170.-	20
10	■ 3NWN510	170.-	20
16	■ 3NWN516	170.-	20
20	■ 3NWN520	200.-	20
25	■ 3NWN525	200.-	20
32	■ 3NWN532	200.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	240.-	20
4	3NWTIA4	240.-	20
6	3NWTIA6	240.-	20
10	■ 3NWTIA10	270.-	20
16	■ 3NWTIA16	270.-	20
20	■ 3NWTIA20	270.-	20
25	■ 3NWTIA25	270.-	20
32	■ 3NWTIA32	270.-	20
40	3NWTIS40	370.-	20
50	■ 3NWTIS50	370.-	20
63	■ 3NWTIS63	370.-	20
80	3NWTCP80	950.-	10
100	■ 3NWTCP100	950.-	10
125	3NWTFP125	1930.-	5
160	3NWTFP160	1930.-	5
200	3NWTFP200	1930.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	1025.-	10
100	3NWT100	1025.-	10
125	3NWT125	2110.-	5
160	3NWT160	2110.-	5
200	3NWT200	2110.-	5
250	3NWT250	2920.-	1
315	3NWT315	2920.-	1
355	3NWT355	3400.-	1
400	3NWT400	3400.-	1
500	3NWT500	5340.-	1
630	3NWT630	6505.-	1
710	3NWT710	7435.-	1
800	3NWT800	7435.-	1

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	200.-	20
10	3NWTSA10	200.-	20
16	3NWTSA16	200.-	20
20	3NWTSA20	200.-	20
25	3NWTSA25	200.-	20
32	3NWTSA32	200.-	20
36	3NWTSS36	400.-	20
40	3NWTSS40	400.-	20
50	3NWTSS50	400.-	20
63	3NWTSS63	400.-	20
80	3NWTSDS80	750.-	20
100	3NWTSDS100	750.-	20
125	3NWTFF125	945.-	5
160	3NWTFF160	1030.-	5
200	3NWTFF200	945.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	915.-	10
100	3NWTSDC100	915.-	10
125	3NWTSF125	950.-	5
160	3NWTSF160	950.-	5
200	3NWTSF200	950.-	5
250	3NWTSK250	2285.-	1
315	3NWTSK315	2285.-	1
355	3NWTSM355	3815.-	1
400	3NWTSM400	3815.-	1
450	3NWTST450	3165.-	1
500	3NWTST500	3165.-	1
560	3NWTSL560	6040.-	1
630	3NWTSL630	5125.-	1
800	3NWTSL800	7400.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWC32F9	3670.-	10
63	3NWC63F9	4305.-	10
100	3NWC100F9	4750.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NSF	380.-	10
32	■ 3NW32NSF	480.-	10
32A (Iso. Link)	■ 3NW32NSL	210.-	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	4300.-	3
	40	3NE4102	gR	0	4315.-	3
	50	3NE4117	gR	0	4530.-	3
	80	3NE4120	aR	0	4900.-	3
	100	3NE4121	aR	0	5365.-	3
	125	3NE4122	aR	0	5765.-	3
	160	3NE4124	aR	0	6355.-	3

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	3NE43276	aR	-	10935.-	1
	315	3NE43306	aR	-	11290.-	1
	450	3NE43336	aR	-	11800.-	1
	500	3NE43346	aR	-	11895.-	1
	710	3NE43376	aR	-	13300.-	1

3NE8 type¹⁾ 690 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	9125.-	3
35	3NE80031	gR	00	9125.-	3
50	3NE80171	gR	00	9125.-	3
63	3NE80181	gR	00	9125.-	3
80	3NE80201	aR	00	10120.-	3
100	3NE80211	aR	00	10590.-	3
125	3NE80221	aR	00	10755.-	3
160	3NE80241	aR	00	11805.-	3
200	3NE12252	gR	1	29850.-	3
250	3NE12272	gR	1	30860.-	3
315	3NE12302	gR	1	31920.-	3
350	3NE13312	gR	2	42250.-	3
400	3NE13322	gR	2	54265.-	3
450	3NE13332	gR	2	45400.-	3
500	3NE13342	gR	2	47185.-	3
560	3NE14352	gR	3	58635.-	3
630	3NE14362	gR	3	60830.-	3
670	3NE14472	gR	3	62165.-	3
710	3NE14372	gR	3	64825.-	3
800	3NE14382	gR	3	69660.-	3
850	3NE14482	gR	3	75825.-	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	-	50920.-	3
1250	3NE9450	aR	-	47990.-	3

3NE1 type¹⁾ 690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	10755.-	3
20	3NE18140	gS	000	10755.-	3
25	3NE18150	gS	000	10755.-	3
35	3NE18030	gS	000	10755.-	3
40	3NE18020	gS	000	10755.-	3
50	3NE18170	gS	000	10755.-	3
63	3NE18180	gS	000	10755.-	3
80	3NE18200	gS	000	10755.-	3
100	3NE10210	gS	00	13880.-	3
125	3NE10220	gS	00	13880.-	3
160	3NE12240	gS	1	32810.-	3
200	3NE12250	gS	1	32810.-	3
250	3NE12270	gS	1	34450.-	3
315	3NE12300	gS	1	36945.-	3
350	3NE13310	gS	2	45875.-	3
400	3NE13320	gS	2	46270.-	3
450	3NE13330	gS	2	46565.-	3
500	3NE13340	gS	2	47255.-	3
560	3NE14350	gS	3	47525.-	3
630	3NE14360	gS	3	49575.-	3
710	3NE14370	gS	3	52900.-	3
800	3NE14380	gS	3	60400.-	3

3NE8 type 690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	9695.-	10
25	3NE87151	gR	000	9695.-	10
32	3NE87011	gR	000	9695.-	10
40	3NE87021	gR	000	9695.-	10
50	3NE87171	gR	000	9990.-	10
63	3NE87181	aR	000	9990.-	10
80	3NE87201	aR	000	10480.-	10
100	3NE87211	aR	000	10480.-	10
125	3NE87221	aR	000	9315.-	10
160	3NE87241	aR	000	10875.-	10
200	3NE87251	aR	000	11115.-	10
250	3NE87271	aR	000	12070.-	10
315	3NE87311	aR	000	15870.-	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	24430.-	3
125	3NE3222	aR	1	25140.-	3
160	3NE3224	aR	1	25140.-	3
200	3NE3225	aR	1	27665.-	3
250	3NE3227	aR	1	28395.-	3
315	3NE32300B	aR	1	29565.-	3
350	3NE3231	aR	1	35105.-	3
400	3NE32320B	aR	1	37600.-	3
450	3NE3233	aR	1	38945.-	3
400	3NE33320B	aR	2	37960.-	3
450	3NE3333	aR	2	39980.-	3
500	3NE33340B	aR	2	40725.-	3
560	3NE3335	aR	2	42265.-	3
630	3NE3336	aR	2	44280.-	3
710*	3NE33378	aR	2	60640.-	3
800*	3NE33388	aR	2	62315.-	3
900*	3NE33408	aR	2	74235.-	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	56185.-	3
200	3NC84253C	gR	3	39205.-	3
250	3NC84273C	gR	3	44820.-	3
350	3NC84313C	gR	3	46215.-	3
500	3NC84343C	gR	3	49945.-	3
1000*	3NC84443C	aR	3	90760.-	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	71745.-	2
224	3NE54260C	aR	3	78490.-	2
250	3NE56270C	aR	3	72810.-	3
315	3NE54300C	aR	3	74975.-	2
350	3NE54310C	aR	3	82300.-	2
450	3NE56330C	aR	3	81715.-	3
600	3NE56430C	aR	3	97235.-	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		1/3
	3NC32...1U, 3NE82...3MK	1600	690	M10	3NH5423		
110	3NC24, 3NC33...1U, 3NC34...1U, 3NC84, 3NE1...-3, 3NE32, 3NE33, 3NE34	1250	1250	M10	3NH5463		1/3
	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	810.-	1/10		
1A			3NW60111	810.-	1/10		
2A			3NW60021	810.-	1/10		
4A			3NW60041	810.-	1/10		
6A			3NW60011	810.-	1/10		
8A			3NW60081	810.-	1/10		
10A			3NW60031	810.-	1/10		
12A			3NW60061	810.-	1/10		
16A			3NW60051	810.-	1/20		
20A			3NW60071	810.-	1/20		
25A			3NW60101	810.-	1/20		
32A			3NW60121	810.-	1/20		
			400				

Cylindrical Fuse, Size 14 x 51

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
4A	14 x 51	690	3NW61041	895.-	1/10
6A			3NW61011	895.-	1/10
8A			3NW61081	895.-	1/10
10A			3NW61031	895.-	1/10
12A			3NW61061	895.-	1/10
16A			3NW61051	895.-	1/10
20A			3NW61071	895.-	1/10
25A			3NW61101	895.-	1/10
32A			3NW61121	1065.-	1/10
40A			500		3NW61171
50A	3NW61201	1065.-			1/10



Cylindrical Fuse, Size 22 x 58

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)		
16A	22 x 58	690	3NW62051	1565.-	1/10		
20A			3NW62071	1565.-	1/10		
25A			3NW62101	1565.-	1/10		
32A			3NW62121	1565.-	1/10		
40A			3NW62171	1720.-	1/10		
50A			3NW62201	1720.-	1/10		
63A			500		3NW62221	1720.-	1/10
80A					3NW62241	1720.-	1/10
100A					3NW62301	1905.-	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	1445.-	1/1
	14 x 51	50A	1.5	3NW7111	4585.-	1/1
	22 x 58	100A	2	3NW7211	7490.-	1/1
1+N	10 x 38	32A	1	3NW7053	2950.-	1/1
	14 x 51	50A	3	3NW7151	9490.-	1/1
	22 x 58	100A	4	3NW7251	15360.-	1/1
2P	10 x 38	32A	2	3NW7023	2890.-	1/1
	14 x 51	50A	3	3NW7121	9135.-	1/1
	22 x 58	100A	4	3NW7221	12930.-	1/1
3P	10 x 38	32A	3	3NW7033	4345.-	1/1
	14 x 51	50A	4.5	3NW7131	13685.-	1/1
	22 x 58	100A	6	3NW7231	19285.-	1/1

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

* LP - List Price

Fuse Systems Available

1. Fuses for Photovoltaic application (DC 1000V / 1500V)
 2. NEOZED Fuses & Busbar system up to 100A
 3. Diazed fuse systems up to 63A
 4. Class CC UL fuse links up to 30A
- For more details please contact your nearest Siemens Sales Office.



Fuses for Special Applications

1. Rectifiers in Electrolysis system
 2. SITOR 8QG 10/11 thyristor sets
 3. Mounting in railway supply rectifier
- For more details please contact your nearest Siemens Sales Office.





5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

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

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

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

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

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please 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 + Birelay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please 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

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 + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please 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 _n 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 _n 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

Type-2 Coordination Charts

Available till stocks last

Superswitch 3KL8

Switch Disconnecter 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	5210.-	3KL8111-3TJ00	5045.-	3KL8111-3TC00	5125.-	1
32A	3KL8121-3TA00	5335.-	3KL8121-3TJ00	5215.-	3KL8121-3TC00	5290.-	1
63A	3KL8151-3TA00	7535.-	3KL8151-3TJ00	7290.-	3KL8151-3TC00	7355.-	1
100A	3KL8211-3TA00	15055.-	3KL8211-3TJ00	14775.-			1
125A	3KL8221-3TA00	19685.-	3KL8221-3TJ00	19425.-			1
160A [§]	3KL8231-3TA00	21490.-	3KL8231-3TJ00	21185.-			1
200A	3KL8311-3UA00	27450.-	3KL8311-3UJ00	26565.-			1
250A	3KL8321-3UA00	32270.-	3KL8321-3UJ00	32845.-			1
315A	3KL8331-3UA00	39895.-	3KL8331-3UJ00	38860.-			1
400A [§]	3KL8341-3UA00	48065.-	3KL8341-3UJ00	48785.-			1
500A	3KL8411-3UA00	75200.-	3KL8411-3UJ00	72325.-			1
630A	3KL8421-3UA00	77260.-	3KL8421-3UJ00	74945.-			1
800A [§]	3KL8431-3UA00	83695.-	3KL8431-3UJ00	81220.-			1

Notes:

3KL8/ 3KA8 is rated for 690V, 50Hz, AC23A Utilisation Category

\$ AC23A @500V AC

All SDF Unit MRPs are without fuses

Unit MRPs 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	655.-	3KX8230-0AC	940.-	3KX8340-0AC	1380.-	3KX8430-0AC	1955.-	1
Terminal Cover (1 set)	-	-	3KX8231-0AC	800.-	3KX8341-0AC	1505.-	3KX8431-0AC	1765.-	1
Isolable Neutral cover	-	-	3KX8232-0AC	395.-	3KX8342-0AC	650.-	3KX8432-0AC	800.-	1
Phase Barrier ^{§§}	3KX8153-0AC	265.-	3KX8233-0AC	265.-	3KX8343-0AC	385.-	3KX8433-0AC	495.-	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
3-Pole On-Off ^{1), 2)}		■ 3ST1 400-1AH08
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.

One point contact for your service needs

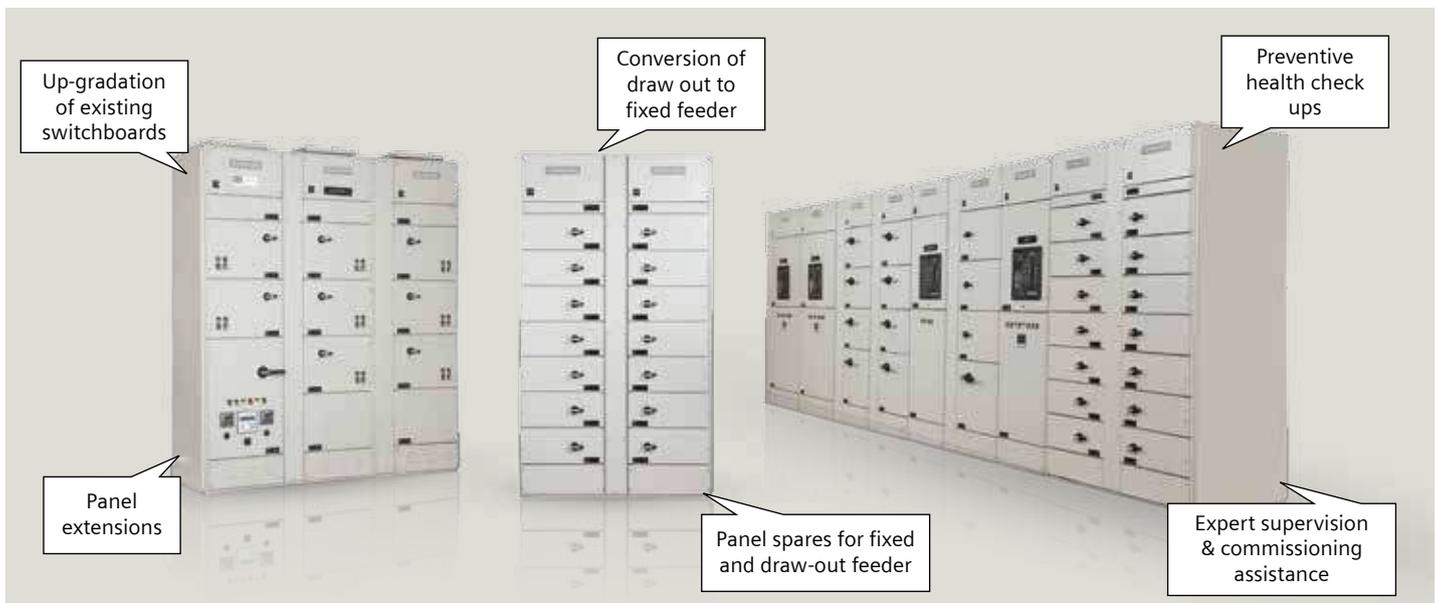
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