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for reliable power

Low Voltage Power Distribution Products

Price List w.e.f. 1st July 2026

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3WA air circuit breakers

Made for makers. Simply reliable

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

Trust the tried-and-tested

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

Benefit from efficiency

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

Solutions with potential

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

Enjoy consistency

- Consistent tool landscape
- Comfortable planning and project engineering

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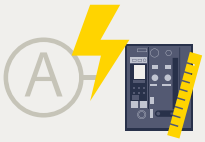
Future ready

Easy operation

Advanced connectivity



Smallest footprint

Shorter downtime

Operator safety

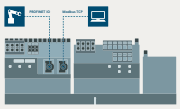
Efficient metering

Easy upgrade

Enhanced safety

Cyber security

High system availability



Dual COM Profinet with CC-C

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3WA air circuit breakers

The future of digital power distribution

The future will be connected.

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

Welcome to the future of digital power distribution.

siemens.com/3wa

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

USB-C

Bluetooth

Two processor design

Online upgrade

Easy diagnostics

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

Microprocessor based trip unit ETU600 with LSING[1)] protection

Frame Size	Rated Current In (A)		Withdrawable[2)] design with Guide Frame			
			3 Pole^	Unit LP* ₹	4 Pole^	Unit LP* ₹
I	630	MDO	3WA1106-2AF32-0AA0	POR	3WA1106-2AF42-0AA0	POR
		EDO	3WA1106-2AF32-4EA4	POR	3WA1106-2AF42-4EA4	POR
	800	MDO	3WA1108-2AF32-0AA0	POR	3WA1108-2AF42-0AA0	POR
		EDO	3WA1108-2AF32-4EA4	POR	3WA1108-2AF42-4EA4	POR
	1000	MDO	3WA1110-2AF32-0AA0	POR	3WA1110-2AF42-0AA0	POR
		EDO	3WA1110-2AF32-4EA4	POR	3WA1110-2AF42-4EA4	POR
	1250	MDO	3WA1112-2AF32-0AA0	POR	3WA1112-2AF42-0AA0	POR
		EDO	3WA1112-2AF32-4EA4	POR	3WA1112-2AF42-4EA4	POR
	1600	MDO	3WA1116-2AF32-0AA0	POR	3WA1116-2AF42-0AA0	POR
		EDO	3WA1116-2AF32-4EA4	POR	3WA1116-2AF42-4EA4	POR
II	2000	MDO	3WA1220-3AF32-0AA0	POR	3WA1220-3AF42-0AA0	POR
		EDO	3WA1220-3AF32-4EA4	POR	3WA1220-3AF42-4EA4	POR
	2500	MDO	3WA1225-3AF32-0AA0	POR	3WA1225-3AF42-0AA0	POR
		EDO	3WA1225-3AF32-4EA4	POR	3WA1225-3AF42-4EA4	POR
	3200	MDO	3WA1232-3AF32-0AA0	POR	3WA1232-3AF42-0AA0	POR
		EDO	3WA1232-3AF32-4EA4	POR	3WA1232-3AF42-4EA4	POR
	4000	MDO	3WA1240-3AF31-0AA0	POR	3WA1240-3AF41-0AA0	POR
		EDO	3WA1240-3AF31-4EA4	POR	3WA1240-3AF41-4EA4	POR
III	5000	MDO	3WA1350-5AF32-0AA0	3887375.-	3WA1350-5AF42-0AA0	4901095.-
		EDO	3WA1350-5AF32-4EA4	4129880.-	3WA1350-5AF42-4EA4	5143600.-
	6300	MDO	3WA1363-5AF31-0AA0	5186390.-	3WA1363-5AF41-0AA0	6487710.-
		EDO	3WA1363-5AF31-4EA4	5428895.-	3WA1363-5AF41-4EA4	6730215.-

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

Note: Std. Pkg. = 1 unit

1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.
2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, Spring charge 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, fixed type, 1000/1150V AC applications & DC applications available on request

^ For complete ordering code please contact your nearest Siemens Sales Office

Add-on options (Factory fitted)

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

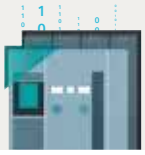
Castell locks are to be ordered separately.

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

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

Motorized mechanism with other control voltages are available on request

Scan for more info



Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil	–	24-30	3WA9111-0AD02	38600.-
Suitable for continuous operation	110-127	110-125	3WA9111-0AD05	38600.-
	208-240	220-250	3WA9111-0AD06	38600.-
Under Voltage Release (Instantaneous)	380-415	–	3WA9111-0AE07	42665.-
Motorised Operating Mechanism	–	24-30	3WA9111-0AF02	213390.-
	110-127	110-125	3WA9111-0AF05	213390.-
	208-240	220-250	3WA9111-0AF06	213390.-
Castell Lock	–	–	3WX3663-6JEL_ $	10880.-

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....**				
	2500	**3WL1225....**				
	3200	**3WL1232....**				
	4000	**3WL1240....**				
III	5000	**3WL1350....**				
	6300	**3WL1363....**				

Prices of ACBs with other breaking capacities available on request.

Note: Std. Pkg. = 1 unit

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

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

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

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

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil	–	24-30	**3WA9111-0AD02**	**38600.-**
Suitable for continuous operation	110-127	110-125	**3WA9111-0AD05**	**38600.-**
	208-240	220-250	**3WA9111-0AD06**	**38600.-**
Under Voltage Release (Instantaneous)	380-415	–	**3WA9111-0AE07**	**42665.-**
Motorised Operating Mechanism	–	24-30	**3WA9111-0AF02**	**213390.-**
	110-127	110-125	**3WA9111-0AF05**	**213390.-**
	208-240	220-250	**3WA9111-0AF06**	**213390.-**
Castell Lock	–	–	**3WX3663-6JEL_ $**	**10880.-**

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

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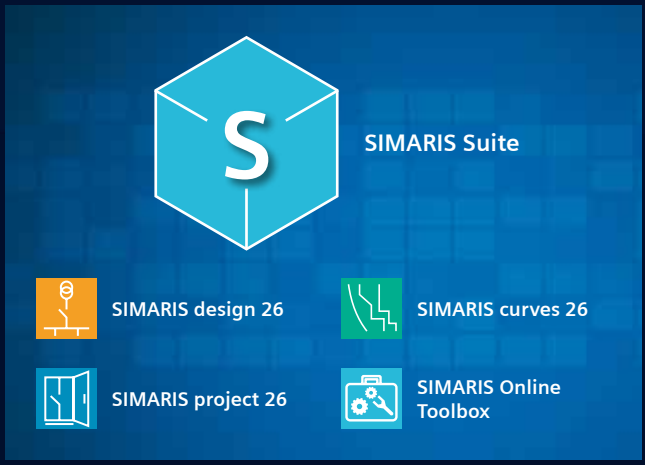
www.siemens.com/simaris



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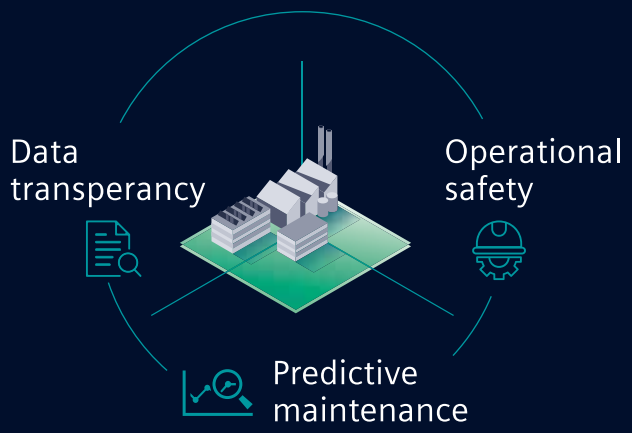
SENTRON 3WT*Plus*

Air Circuit Breakers

Powering smart installations

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



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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: LSING[1] + Display

Frame Size	Rated current In (A)			Withdrawable design with Guide Frame [2]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MDO	3WT8061-6AA04-5AB2	610835.-	3WT8065-6AA04-5AB2	794100.-
			EDO	3WT8061-6UA34-5AB2	790110.-	3WT8065-6UA34-5AB2	973375.-
		800	MDO	3WT8081-6AA04-5AB2	644665.-	3WT8085-6AA04-5AB2	843890.-
			EDO	3WT8081-6UA34-5AB2	823940.-	3WT8085-6UA34-5AB2	1023165.-
		1000	MDO	3WT8101-6AA04-5AB2	662160.-	3WT8105-6AA04-5AB2	858900.-
			EDO	3WT8101-6UA34-5AB2	841435.-	3WT8105-6UA34-5AB2	1038175.-
		1250	MDO	3WT8121-6AA04-5AB2	813325.-	3WT8125-6AA04-5AB2	966890.-
			EDO	3WT8121-6UA34-5AB2	992600.-	3WT8125-6UA34-5AB2	1146165.-
	●	1600	MDO	3WT8161-6AA04-5AB2	872920.-	3WT8165-6AA04-5AB2	1056685.-
			EDO	3WT8161-6UA34-5AB2	1052195.-	3WT8165-6UA34-5AB2	1235960.-
II	●	2000	MDO	3WT8202-6AA04-5AB2	1096750.-	3WT8206-6AA04-5AB2	1349825.-
			EDO	3WT8202-6UA34-5AB2	1276025.-	3WT8206-6UA34-5AB2	1529100.-
	●	2500	MDO	3WT8252-6AA04-5AB2	1242295.-	3WT8256-6AA04-5AB2	1579385.-
			EDO	3WT8252-6UA34-5AB2	1421570.-	3WT8256-6UA34-5AB2	1758660.-
	●	3200	MDO	3WT8322-6AA04-5AB2	1592700.-	3WT8326-6AA04-5AB2	1954250.-
			EDO	3WT8322-6UA34-5AB2	1771975.-	3WT8326-6UA34-5AB2	2133525.-

Microprocessor based Trip Units
ETU35WT: LSI + Display — 5 Reduce 550.- — 5 Reduce 550.-

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

Frame Size	Rated current In (A)			Fixed Mounted design [3]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MF	3WT8061-6AA00-0AA2	448885.-	3WT8065-6AA00-0AA2	607310.-
			EF	3WT8061-6UA30-0AA2	628160.-	3WT8065-6UA30-0AA2	786585.-
		800	MF	3WT8081-6AA00-0AA2	484530.-	3WT8085-6AA00-0AA2	666685.-
			EF	3WT8081-6UA30-0AA2	663805.-	3WT8085-6UA30-0AA2	845960.-
		1000	MF	3WT8101-6AA00-0AA2	493945.-	3WT8105-6AA00-0AA2	706260.-
			EF	3WT8101-6UA30-0AA2	673220.-	3WT8105-6UA30-0AA2	885535.-
		1250	MF	3WT8121-6AA00-0AA2	671855.-	3WT8125-6AA00-0AA2	794480.-
			EF	3WT8121-6UA30-0AA2	851130.-	3WT8125-6UA30-0AA2	973755.-
	●	1600	MF	3WT8161-6AA00-0AA2	685985.-	3WT8165-6AA00-0AA2	851015.-
			EF	3WT8161-6UA30-0AA2	865260.-	3WT8165-6UA30-0AA2	1030290.-
II	●	2000	MF	3WT8202-6AA00-0AA2	771490.-	3WT8206-6AA00-0AA2	1107490.-
			EF	3WT8202-6UA30-0AA2	950765.-	3WT8206-6UA30-0AA2	1286765.-
	●	2500	MF	3WT8252-6AA00-0AA2	870840.-	3WT8256-6AA00-0AA2	1300285.-
			EF	3WT8252-6UA30-0AA2	1050115.-	3WT8256-6UA30-0AA2	1479560.-
	●	3200	MF	3WT8322-6AA00-0AA2	1325920.-	3WT8326-6AA00-0AA2	1632950.-
			EF	3WT8322-6UA30-0AA2	1505195.-	3WT8326-6UA30-0AA2	1812225.-

Microprocessor based Trip Units
ETU35WT: LSI + Display — 5 Reduce 550.- — 5 Reduce 550.-

For Non-Automatic ACBs please deduct ₹ 1255/- from the LPs of the ACBs marked ●. *For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office*

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

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

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

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

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

Note: Please contact your nearest Siemens Sales Office for information on prices of 4000A ACB.

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	192370.-
	220-240	220-250	3WT9831-1JK00	192370.-
Shunt Release or Closing Coil Suitable for continuous operation	–	24	3WT9851-1JB00	16480.-
	110-127	110-125	3WT9851-1JH00	16480.-
	220-240	220-250	3WT9851-1JK00	16480.-
Under Voltage Release Instantaneous	110-127	110-125	3WT9853-1JH00	17110.-
	208-240	220-250	3WT9853-1JK00	17110.-
	380-415	–	3WT9853-1JM00	17110.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9825-1JC00	12035.-
	Drawout circuit breaker		3WT9827-1JA00	12035.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	9210.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	37235.-
5 digit operating cycle counter			3WT9864-0CA00	31090.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	28900.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	28900.-
Castell Lock Mounting Kit *(to prevent unauthorized closing of the circuit breaker)*			3WT9863-6JE00	26670.-
Castell Lock			3WX3663-6JEL_#	10880.-
Door Sealing Frame *(Also suitable for 3WL ACB)*			3WX3686-0JA00	6940.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WA9111-0AA21	70680.-
	Size II		3WA9111-0AA22	81960.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WA9111-0AA31	85135.-
	Size II		3WA9111-0AA32	107575.-

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

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

Add-on options (Factory fitted)

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

Retrofit solution

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

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

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

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MCCB: SENTRON 3VA

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

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	20580.-	3VA1096-2ED42-0AA0	26675.-
		20	3VA1020-2ED32-0AA0	20580.-	3VA1020-2ED42-0AA0	26675.-
		25	3VA1025-2ED32-0AA0	20580.-	3VA1025-2ED42-0AA0	26675.-
		32	3VA1032-2ED32-0AA0	20580.-	3VA1032-2ED42-0AA0	26675.-
		40	3VA1040-2ED32-0AA0	20580.-	3VA1040-2ED42-0AA0	26675.-
		50	3VA1050-2ED32-0AA0	20580.-	3VA1050-2ED42-0AA0	26675.-
		63	3VA1063-2ED32-0AA0	20580.-	3VA1063-2ED42-0AA0	26675.-
		80	3VA1080-2ED32-0AA0	22505.-	3VA1080-2ED42-0AA0	29240.-
		100	3VA1010-2ED32-0AA0	26060.-	3VA1010-2ED42-0AA0	33935.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	21140.-	3VA1096-3ED42-0AA0	27575.-
		20	3VA1020-3ED32-0AA0	21140.-	3VA1020-3ED42-0AA0	27575.-
		25	3VA1025-3ED32-0AA0	21140.-	3VA1025-3ED42-0AA0	27575.-
		32	3VA1032-3ED32-0AA0	21140.-	3VA1032-3ED42-0AA0	27575.-
		40	3VA1040-3ED32-0AA0	21140.-	3VA1040-3ED42-0AA0	27575.-
		50	3VA1050-3ED32-0AA0	21140.-	3VA1050-3ED42-0AA0	27575.-
		63	3VA1063-3ED32-0AA0	21140.-	3VA1063-3ED42-0AA0	27575.-
		80	3VA1080-3ED32-0AA0	22980.-	3VA1080-3ED42-0AA0	29910.-
		100	3VA1010-3ED32-0AA0	27100.-	3VA1010-3ED42-0AA0	34625.-
3VA11		125	3VA1112-3ED32-0AA0	45690.-	3VA1112-3ED42-0AA0	58220.-
		160	3VA1116-3ED32-0AA0	52170.-	3VA1116-3ED42-0AA0	67890.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	22310.-	3VA1196-4GD42-0AA0	30865.-
		20	3VA1020-4ED32-0AA0	22310.-	3VA1120-4GD42-0AA0	30865.-
		25	3VA1025-4ED32-0AA0	22310.-	3VA1125-4GD42-0AA0	30865.-
		32	3VA1032-4ED32-0AA0	22310.-	3VA1132-4GD42-0AA0	30865.-
		40	3VA1040-4ED32-0AA0	22310.-	3VA1140-4GD42-0AA0	30865.-
		50	3VA1050-4ED32-0AA0	22310.-	3VA1150-4GD42-0AA0	30865.-
		63	3VA1063-4ED32-0AA0	22310.-	3VA1163-4GD42-0AA0	30865.-
		80	3VA1080-4ED32-0AA0	23405.-	3VA1180-4GD42-0AA0	33845.-
		100	3VA1010-4ED32-0AA0	28175.-	3VA1110-4GD42-0AA0	39095.-
3VA11		125	3VA1112-4ED32-0AA0	48680.-	3VA1112-4GD42-0AA0	63280.-
		160	3VA1116-4ED32-0AA0	56760.-	3VA1116-4GD42-0AA0	73800.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	26140.-	3VA1196-5GD42-0AA0	33935.-
		20	3VA1120-5ED32-0AA0	26140.-	3VA1120-5GD42-0AA0	33935.-
		25	3VA1125-5ED32-0AA0	26140.-	3VA1125-5GD42-0AA0	33935.-
		32	3VA1132-5ED32-0AA0	26140.-	3VA1132-5GD42-0AA0	33935.-
		40	3VA1140-5ED32-0AA0	26140.-	3VA1140-5GD42-0AA0	33935.-
		50	3VA1150-5ED32-0AA0	26140.-	3VA1150-5GD42-0AA0	33935.-
		63	3VA1163-5ED32-0AA0	26640.-	3VA1163-5GD42-0AA0	33935.-
		80	3VA1180-5ED32-0AA0	28685.-	3VA1180-5GD42-0AA0	37260.-
		100	3VA1110-5ED32-0AA0	33205.-	3VA1110-5GD42-0AA0	43060.-
		125	3VA1112-5ED32-0AA0	53500.-	3VA1112-5GD42-0AA0	69530.-
		160	3VA1116-5ED32-0AA0	62380.-	3VA1116-5GD42-0AA0	81185.-

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

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

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	26825.-	3VA1196-3GE42-0AA0	38425.-
		20	3VA1120-3EE32-0AA0	26825.-	3VA1120-3GE42-0AA0	38425.-
		25	3VA1125-3EE32-0AA0	26825.-	3VA1125-3GE42-0AA0	38425.-
		32	3VA1132-3EE32-0AA0	26825.-	3VA1132-3GE42-0AA0	38425.-
		40	3VA1140-3EE32-0AA0	26825.-	3VA1140-3GE42-0AA0	38425.-
		50	3VA1150-3EE32-0AA0	26825.-	3VA1150-3GE42-0AA0	38425.-
		63	3VA1163-3EE32-0AA0	26825.-	3VA1163-3GE42-0AA0	38425.-
		80	3VA1180-3EE32-0AA0	26825.-	3VA1180-3GE42-0AA0	38425.-
		100	3VA1110-3EE32-0AA0	28685.-	3VA1110-3GE42-0AA0	38425.-
		125	3VA1112-3EE32-0AA0	48680.-	3VA1112-3GE42-0AA0	59945.-
		160	3VA1116-3EE32-0AA0	53705.-	3VA1116-3GE42-0AA0	69625.-
3VA11	36kA	16	3VA1196-4EE32-0AA0	33125.-	3VA1196-4GE42-0AA0	43350.-
		20	3VA1120-4EE32-0AA0	33125.-	3VA1120-4GE42-0AA0	43350.-
		25	3VA1125-4EE32-0AA0	33125.-	3VA1125-4GE42-0AA0	43350.-
		32	3VA1132-4EE32-0AA0	33125.-	3VA1132-4GE42-0AA0	43350.-
		40	3VA1140-4EE32-0AA0	33125.-	3VA1140-4GE42-0AA0	43350.-
		50	3VA1150-4EE32-0AA0	33125.-	3VA1150-4GE42-0AA0	43350.-
		63	3VA1163-4EE32-0AA0	33125.-	3VA1163-4GE42-0AA0	43350.-
		80	3VA1180-4EE32-0AA0	33125.-	3VA1180-4GE42-0AA0	43350.-
		100	3VA1110-4EE32-0AA0	33125.-	3VA1110-4GE42-0AA0	43350.-
		125	3VA1112-4EE32-0AA0	50970.-	3VA1112-4GE42-0AA0	64930.-
		160	3VA1116-4EE32-0AA0	58345.-	3VA1116-4GE42-0AA0	75715.-
3VA12		200	3VA1220-4EE32-0AA0	73590.-	3VA1220-4GE42-0AA0	90670.-
		250	3VA1225-4EE32-0AA0	78010.-	3VA1225-4GE42-0AA0	97945.-
3VA13		320	3VA1332-4EE32-0AA0	104615.-	3VA1332-4GE42-0AA0	135440.-
		400	3VA1340-4EE32-0AA0	104615.-	3VA1340-4GE42-0AA0	135440.-
3VA14		500	3VA1450-4EE32-0AA0	135025.-	3VA1450-4GE42-0AA0	174910.-
		630	3VA1463-4EE32-0AA0	135025.-	3VA1463-4GE42-0AA0	174910.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	37740.-	3VA1196-5GE42-0AA0	47700.-
		20	3VA1120-5EE32-0AA0	37740.-	3VA1120-5GE42-0AA0	47700.-
		25	3VA1125-5EE32-0AA0	37740.-	3VA1125-5GE42-0AA0	47700.-
		32	3VA1132-5EE32-0AA0	37740.-	3VA1132-5GE42-0AA0	47700.-
		40	3VA1140-5EE32-0AA0	37740.-	3VA1140-5GE42-0AA0	47700.-
		50	3VA1150-5EE32-0AA0	37740.-	3VA1150-5GE42-0AA0	47700.-
		63	3VA1163-5EE32-0AA0	37740.-	3VA1163-5GE42-0AA0	47700.-
		80	3VA1180-5EE32-0AA0	37740.-	3VA1180-5GE42-0AA0	47700.-
		100	3VA1110-5EE32-0AA0	37740.-	3VA1110-5GE42-0AA0	47700.-
		125	3VA1112-5EE32-0AA0	59280.-	3VA1112-5GE42-0AA0	71195.-
		160	3VA1116-5EE32-0AA0	64130.-	3VA1116-5GE42-0AA0	82765.-
3VA12		200	3VA1220-5EE32-0AA0	76630.-	3VA1220-5GE42-0AA0	93590.-
		250	3VA1225-5EE32-0AA0	81245.-	3VA1225-5GE42-0AA0	102935.-
3VA13		320	3VA1332-5EE32-0AA0	119290.-	3VA1332-5GE42-0AA0	149430.-
		400	3VA1340-5EE32-0AA0	119290.-	3VA1340-5GE42-0AA0	149430.-
3VA14		500	3VA1450-5EE32-0AA0	154285.-	3VA1450-5GE42-0AA0	192740.-
		630	3VA1463-5EE32-0AA0	154285.-	3VA1463-5GE42-0AA0	192740.-
3VA15		800#	3VA1580-5EF32-0AA0	230500.-	3VA1580-5GF42-0AA0	298705.-
		1000#	3VA1510-5EF32-0AA0	322015.-	3VA1510-5GF42-0AA0	417850.-
3VA11	70kA	16	3VA1196-6EE32-0AA0	51650.-	3VA1196-6GE42-0AA0	64910.-
		20	3VA1120-6EE32-0AA0	51650.-	3VA1120-6GE42-0AA0	64910.-
		25	3VA1125-6EE32-0AA0	51650.-	3VA1125-6GE42-0AA0	64910.-
		32	3VA1132-6EE32-0AA0	51650.-	3VA1132-6GE42-0AA0	64910.-
		40	3VA1140-6EE32-0AA0	51650.-	3VA1140-6GE42-0AA0	64910.-
		50	3VA1150-6EE32-0AA0	51650.-	3VA1150-6GE42-0AA0	64910.-
		63	3VA1163-6EE32-0AA0	51650.-	3VA1163-6GE42-0AA0	64910.-
		80	3VA1180-6EE32-0AA0	51650.-	3VA1180-6GE42-0AA0	64910.-
		100	3VA1110-6EE32-0AA0	51650.-	3VA1110-6GE42-0AA0	64910.-
		125	3VA1112-6EE32-0AA0	96025.-	3VA1112-6GE42-0AA0	102960.-
		160	3VA1116-6EE32-0AA0	96025.-	3VA1116-6GE42-0AA0	102960.-
3VA12		200	3VA1220-6EE32-0AA0	103345.-	3VA1220-6GE42-0AA0	132985.-
		250	3VA1225-6EE32-0AA0	115820.-	3VA1225-6GE42-0AA0	132985.-
3VA13		320	3VA1332-6EE32-0AA0	130750.-	3VA1332-6GE42-0AA0	169025.-
		400	3VA1340-6EE32-0AA0	130750.-	3VA1340-6GE42-0AA0	169025.-
3VA14		500	3VA1450-6EE32-0AA0	185860.-	3VA1450-6GE42-0AA0	240970.-
		630	3VA1463-6EE32-0AA0	185860.-	3VA1463-6GE42-0AA0	240970.-
3VA15		800#	3VA1580-6EF32-0AA0	253825.-	3VA1580-6GF42-0AA0	328930.-
		1000#	3VA1510-6EF32-0AA0	353950.-	3VA1510-6GF42-0AA0	460130.-

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	
		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
3VA14		500	3VA1450-4EF32-0AA0		3VA1450-4GF42-0AA0	
		630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA12	55kA	250	3VA1225-5EF32-0AA0		3VA1225-5GF42-0AA0	
3VA13		320	3VA1332-5EF32-0AA0		3VA1332-5GF42-0AA0	
		400	3VA1340-5EF32-0AA0		3VA1340-5GF42-0AA0	
3VA14		500	3VA1450-5EF32-0AA0		3VA1450-5GF42-0AA0	
		630	3VA1463-5EF32-0AA0		3VA1463-5GF42-0AA0	
3VA12	70kA	250	3VA1225-6EF32-0AA0		3VA1225-6GF42-0AA0	
3VA13		320	3VA1332-6EF32-0AA0		3VA1332-6GF42-0AA0	
		400	3VA1340-6EF32-0AA0		3VA1340-6GF42-0AA0	
3VA14		500	3VA1450-6EF32-0AA0		3VA1450-6GF42-0AA0	
		630	3VA1463-6EF32-0AA0		3VA1463-6GF42-0AA0	

For lower ratings, please contact your nearest Siemens Sales Office

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

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50/60Hz)		Breaking Capacity (70kA, 415V, 50/60Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0&	34710.-	3VA1181-6MG32-0AA0&	42625.-
	2	3VA1102-5MG32-0AA0&	34710.-	3VA1102-6MG32-0AA0&	42625.-
	4	3VA1104-5MG32-0AA0&	34710.-	3VA1104-6MG32-0AA0&	42625.-
	8	3VA1108-5MG32-0AA0&	34710.-	3VA1108-6MG32-0AA0&	42625.-
	12.5	3VA1192-5MG32-0AA0&	34710.-	3VA1192-6MG32-0AA0&	42625.-
	20	3VA1120-5MH32-0AA0	34710.-	3VA1120-6MH32-0AA0	42625.-
	32	3VA1132-5MH32-0AA0	41460.-	3VA1132-6MH32-0AA0	44675.-
	40	3VA1140-5MH32-0AA0	41460.-	3VA1140-6MH32-0AA0	44675.-
	50	3VA1150-5MH32-0AA0	41460.-	3VA1150-6MH32-0AA0	44675.-
	63	3VA1163-5MH32-0AA0	41460.-	3VA1163-6MH32-0AA0	44675.-
	80	3VA1180-5MH32-0AA0	41460.-	3VA1180-6MH32-0AA0	44675.-
	100	3VA1110-5MH32-0AA0	41460.-	3VA1110-6MH32-0AA0	44675.-
	125	3VA1112-5MH32-0AA0	59470.-	3VA1112-6MH32-0AA0	64290.-
3VA12	160	3VA1216-5MH32-0AA0	62410.-	3VA1216-6MH32-0AA0	88925.-
	200	3VA1220-5MH32-0AA0	85830.-	3VA1220-6MH32-0AA0	105330.-
3VA13	250	3VA1325-5MH32-0AA0	93660.-	3VA1325-6MH32-0AA0	106595.-
	320	3VA1332-5MH32-0AA0	128515.-	3VA1332-6MH32-0AA0	146450.-
3VA14	400	3VA1440-5MH32-0AA0	147110.-	3VA1440-6MH32-0AA0	153715.-
	500	3VA1450-5MH32-0AA0	169350.-	3VA1450-6MH32-0AA0	192275.-
3VA15	630	3VA1563-5MH32-0AA0	195235.-	3VA1563-6MH32-0AA0	212690.-
	800	3VA1580-5MH32-0AA0	259330.-	3VA1580-6MH32-0AA0	285560.-

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

* LP - List Price

SENTRON 3VA MCCB, Switch Disconnector (without protection)

Frame Size	Breaking Capacity	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	NA	63	3VA1163-1AA32-0AA0	29130.-	3VA1163-1AA42-0AA0	43050.-
		100	3VA1110-1AA32-0AA0	29130.-	3VA1110-1AA42-0AA0	43050.-
		125	3VA1112-1AA32-0AA0	59590.-	3VA1112-1AA42-0AA0	79445.-
		160	3VA1116-1AA32-0AA0	59590.-	3VA1116-1AA42-0AA0	79445.-
3VA12	NA	250	3VA1225-1AA32-0AA0	59590.-	3VA1225-1AA42-0AA0	79445.-
3VA13	NA	400	3VA1340-1AA32-0AA0	76855.-	3VA1340-1AA42-0AA0	99940.-

NA - Not Applicable

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

Earth fault monitoring relay

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	9755.-
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	3365.-
	4P	7UG09911	3840.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 160A/250A	3P	7UG09912	4065.-
	4P	7UG09913	4790.-
CBCT for EFR: 630 frame Suitable for 3VA1/3VA2 400A/ 630A	3P	7UG09914	5995.-
	4P	7UG09915	6490.-

Earth leakage monitoring relay

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	9440.-
	230VAC	7UG0842-1CD20	9535.-
CBCT for ELR	35 mm dia	7UG0996	3430.-
	70 mm dia	7UG0997	3925.-
	120 mm dia	7UG0999	6690.-
	210 mm dia	7UG0994	12860.-
	310 mm dia	7UG0995	19170.-

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

MCCB
with O/L & S/C protection

+

Shunt release

+

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

=

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

Std. Pkg. = 1 unit

* LP - List Price

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

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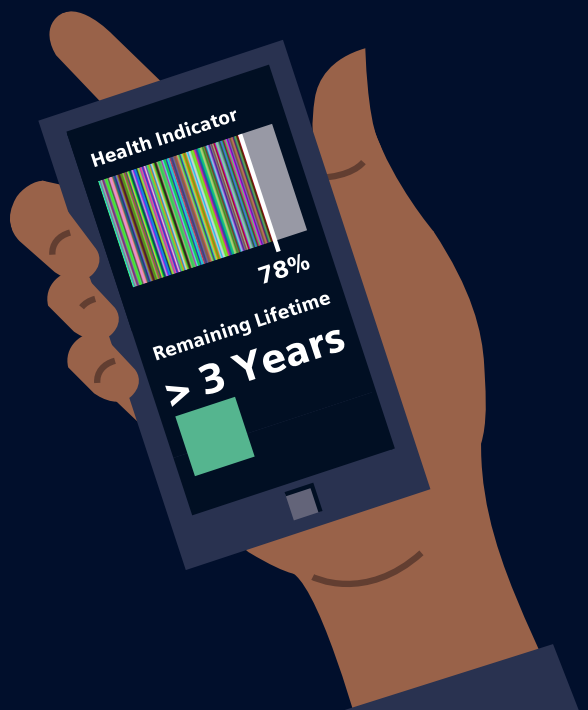
Thanks to optimally scheduled maintenance times, you can prevent equipment and plant failures due to uncoordinated maintenance of individual devices and optimize the health of your entire plant.

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

When time savings go hand in hand with optimized plant reliability

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



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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	68430.-	3VA2025-4HL42-0AA0	88225.-
		40	3VA2040-4HL32-0AA0	68430.-	3VA2040-4HL42-0AA0	88225.-
		63	3VA2063-4HL32-0AA0	68430.-	3VA2063-4HL42-0AA0	88225.-
		100	3VA2010-4HL32-0AA0	68430.-	3VA2010-4HL42-0AA0	88225.-
3VA21		160	3VA2116-4HL32-0AA0	92525.-	3VA2116-4HL42-0AA0	129145.-
3VA22		250	3VA2225-4HL32-0AA0	126980.-	3VA2225-4HL42-0AA0	172175.-
3VA23		400	3VA2340-4HL32-0AA0	169655.-	3VA2340-4HL42-0AA0	223295.-
3VA24		630	3VA2463-4HL32-0AA0	176375.-	3VA2463-4HL42-0AA0	233720.-
3VA20	55kA	25	3VA2025-5HL32-0AA0	87030.-	3VA2025-5HL42-0AA0	119225.-
		40	3VA2040-5HL32-0AA0	87030.-	3VA2040-5HL42-0AA0	119225.-
		63	3VA2063-5HL32-0AA0	87030.-	3VA2063-5HL42-0AA0	119225.-
		100	3VA2010-5HL32-0AA0	87030.-	3VA2010-5HL42-0AA0	119225.-
3VA21		160	3VA2116-5HL32-0AA0	110315.-	3VA2116-5HL42-0AA0	142850.-
3VA22		250	3VA2225-5HL32-0AA0	144125.-	3VA2225-5HL42-0AA0	190295.-
3VA23		400	3VA2340-5HL32-0AA0	182930.-	3VA2340-5HL42-0AA0	239735.-
3VA24		630	3VA2463-5HL32-0AA0	224710.-	3VA2463-5HL42-0AA0	250945.-
3VA25		800	3VA2580-5HL32-0AA0	328560.-	3VA2580-5HL42-0AA0	420295.-
		1000	3VA2510-5HL32-0AA0	435360.-	3VA2510-5HL42-0AA0	581220.-
3VA26		1250	3VA2612-5HL32-0AA0	617255.-	3VA2612-5HL42-0AA0	824230.-
3VA20	85kA	25	3VA2025-6HL32-0AA0	113780.-	3VA2025-6HL42-0AA0	140950.-
		40	3VA2040-6HL32-0AA0	113780.-	3VA2040-6HL42-0AA0	140950.-
		63	3VA2063-6HL32-0AA0	113780.-	3VA2063-6HL42-0AA0	140950.-
		100	3VA2010-6HL32-0AA0	113780.-	3VA2010-6HL42-0AA0	140950.-
3VA21		160	3VA2116-6HL32-0AA0	149190.-	3VA2116-6HL42-0AA0	190450.-
3VA22		250	3VA2225-6HL32-0AA0	165695.-	3VA2225-6HL42-0AA0	241295.-
3VA23		400	3VA2340-6HL32-0AA0	207920.-	3VA2340-6HL42-0AA0	273005.-
3VA24		630	3VA2463-6HL32-0AA0	248395.-	3VA2463-6HL42-0AA0	331420.-
3VA25		800	3VA2580-6HL32-0AA0	361240.-	3VA2580-6HL42-0AA0	480505.-
		1000	3VA2510-6HL32-0AA0	497880.-	3VA2510-6HL42-0AA0	664590.-
3VA26		1250	3VA2612-6HL32-0AA0	705425.-	3VA2612-6HL42-0AA0	944250.-

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	94255.-	3VA2025-4HM42-0AA0	116200.-
		40	3VA2040-4HM32-0AA0	94255.-	3VA2040-4HM42-0AA0	116200.-
		63	3VA2063-4HM32-0AA0	94255.-	3VA2063-4HM42-0AA0	116200.-
		100	3VA2010-4HM32-0AA0	94255.-	3VA2010-4HM42-0AA0	116200.-
3VA21		160	3VA2116-4HM32-0AA0	119225.-	3VA2116-4HM42-0AA0	148480.-
3VA22		250	3VA2225-4HM32-0AA0	150680.-	3VA2225-4HM42-0AA0	189390.-
3VA23		400	3VA2340-4HM32-0AA0	202650.-	3VA2340-4HM42-0AA0	255600.-
3VA24		630	3VA2463-4HM32-0AA0	222905.-	3VA2463-4HM42-0AA0	281110.-
3VA20	55kA	25	3VA2025-5HM32-0AA0	107450.-	3VA2025-5HM42-0AA0	123125.-
		40	3VA2040-5HM32-0AA0	107450.-	3VA2040-5HM42-0AA0	123125.-
		63	3VA2063-5HM32-0AA0	107450.-	3VA2063-5HM42-0AA0	123125.-
		100	3VA2010-5HM32-0AA0	109660.-	3VA2010-5HM42-0AA0	128680.-
3VA21		160	3VA2116-5HM32-0AA0	147740.-	3VA2116-5HM42-0AA0	177290.-
3VA22		250	3VA2225-5HM32-0AA0	180160.-	3VA2225-5HM42-0AA0	224870.-
3VA23		400	3VA2340-5HM32-0AA0	217560.-	3VA2340-5HM42-0AA0	274430.-
3VA24		630	3VA2463-5HM32-0AA0	239365.-	3VA2463-5HM42-0AA0	301810.-
3VA25		800	3VA2580-5HM32-0AA0	347340.-	3VA2580-5HM42-0AA0	451565.-
		1000	3VA2510-5HM32-0AA0	466620.-	3VA2510-5HM42-0AA0	612500.-
3VA26		1250	3VA2612-5HM32-0AA0	652760.-	3VA2612-5HM42-0AA0	862195.-
3VA20	85kA	25	3VA2025-6HM32-0AA0	134155.-	3VA2025-6HM42-0AA0	163150.-
		40	3VA2040-6HM32-0AA0	134155.-	3VA2040-6HM42-0AA0	163150.-
		63	3VA2063-6HM32-0AA0	134155.-	3VA2063-6HM42-0AA0	163150.-
		100	3VA2010-6HM32-0AA0	134155.-	3VA2010-6HM42-0AA0	163150.-
3VA21		160	3VA2116-6HM32-0AA0	170920.-	3VA2116-6HM42-0AA0	214550.-
3VA22		250	3VA2225-6HM32-0AA0	200190.-	3VA2225-6HM42-0AA0	280860.-
3VA23		400	3VA2340-6HM32-0AA0	242555.-	3VA2340-6HM42-0AA0	307655.-
3VA24		630	3VA2463-6HM32-0AA0	266790.-	3VA2463-6HM42-0AA0	338460.-
3VA25		800	3VA2580-6HM32-0AA0	391370.-	3VA2580-6HM42-0AA0	511775.-
		1000	3VA2510-6HM32-0AA0	527980.-	3VA2510-6HM42-0AA0	695845.-
3VA26		1250	3VA2612-6HM32-0AA0	742170.-	3VA2612-6HM42-0AA0	982200.-

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)	4705.-	3VA9988-0AA12 (1 C/O)	4705.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	7270.-	3VA9988-0AB12 (1 C/O)	7270.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	3875.- 3875.-	–	–
Electrical alarm switches (EAS) for 3VA2 Only	–	–	3VA9988-0AB22	3875.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz 208-230 V AC 50/60 Hz 380-400 V AC 50/60 Hz	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	11130.- 11130.- 11130.-	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	11130.- 11130.- 11130.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	8380.- 8380.- 8380.-	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	8380.- 8380.- 8380.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	8380.- 8380.- 8380.-	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	8380.- 8380.- 8380.-
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)	5135.- 5395.- 8455.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)	5395.- 8455.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	24035.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	24035.-
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)	14350.- 15780.- 20050.- 26395.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	15780.- 20050.- 26395.-
Castell interlock kit# (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	10765.- 10765.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	10765.- 10765.-
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)	14350.- 14900.- 16825.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	15780.- 16825.-
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)	4380.- 5770.- 12460.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	5770.- 12460.-
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)	48155.- 63025.- 74410.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	63025.- 74410.-
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)	2160.- 2760.- 2695.- 3575.- 3605.- 4675.-	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)	2910.- 3790.- 3605.- 4675.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	13210.- 17650.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	13210.- 17650.-
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)	4920.- 6650.- 6290.- 8410.- 10210.- 13615.-	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)	6290.- 8410.- 10210.- 13615.-
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)	935.- 935.- 2210.- 2220.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	935.- 2210.- 2220.-
3VA Adapter for mounting on 8US 60mm busbar system	8US1213-4AU01 (for 3pole, 3VA10/ 11) 8US1213-4AP03 (for 3-pole, 3VA12) 8US1213-4AH04 (for 3pole, 3VA13/ 14)	POR	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	POR

Notes:

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

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

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

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

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

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

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

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

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

SENTRON 3VA27 moulded case circuit breakers

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

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	659070.-	3VA2712-5AB13-0AA0	886450.-
		1600	3VA2716-5AB03-0AA0	912140.-	3VA2716-5AB13-0AA0	1227480.-
	85kA	1250	3VA2712-6AB03-0AA0	724040.-	3VA2712-6AB13-0AA0	974395.-
		1600	3VA2716-6AB03-0AA0	1001460.-	3VA2716-6AB13-0AA0	1349275.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIG, Ics = 100% Icu, 415VAC, 50Hz $ (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	713210.-	3VA2712-5AD13-0AA0	939215.-
		1600	3VA2716-5AD03-0AA0	964915.-	3VA2716-5AD13-0AA0	1280245.-
	85kA	1250	3VA2712-6AD03-0AA0	776810.-	3VA2712-6AD13-0AA0	1028525.-
		1600	3VA2716-6AD03-0AA0	1054265.-	3VA2716-6AD13-0AA0	1407455.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	10860.-	1
	Alarm switch (TAS)	3VW9011-0AH14	5360.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	24970.- 24970.-	1
	Under voltage release (UVR)			
	110-120 V AC 50/60 Hz 220-240 V AC 50/60 Hz 415-440 V AC 50/60 Hz	3VW9011-0AE05 3VW9011-0AE07 3VW9011-0AE18	27030.- 27030.- 27030.-	1
	Extended Door Mounted Rotary Operator ^ (Standard - Gray)	3VW9727-0FK21	24035.-	1

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

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

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.

For more information, call us on 1800 209 1800 or visit us at www.siemens.com/3VA

For life cycle support for products, systems and solutions, call us at 1800 209 0987 or email us at ics.india@siemens.com

www.siemens.com/3VA

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	20110.-	3VM1096-2ED42-0AA0	26065.-
		20	3VM1020-2ED32-0AA0	20110.-	3VM1020-2ED42-0AA0	26065.-
		25	3VM1025-2ED32-0AA0	20110.-	3VM1025-2ED42-0AA0	26065.-
		32	3VM1032-2ED32-0AA0	20110.-	3VM1032-2ED42-0AA0	26065.-
		40	3VM1040-2ED32-0AA0	20110.-	3VM1040-2ED42-0AA0	26065.-
		50	3VM1050-2ED32-0AA0	20110.-	3VM1050-2ED42-0AA0	26065.-
		63	3VM1063-2ED32-0AA0	20110.-	3VM1063-2ED42-0AA0	26065.-
		80	3VM1080-2ED32-0AA0	21975.-	3VM1080-2ED42-0AA0	28535.-
		100	3VM1010-2ED32-0AA0	23855.-	3VM1010-2ED42-0AA0	31075.-
3VM10	25kA	16	3VM1096-3ED32-0AA0	20840.-	3VM1096-3ED42-0AA0	27210.-
		20	3VM1020-3ED32-0AA0	20840.-	3VM1020-3ED42-0AA0	27210.-
		25	3VM1025-3ED32-0AA0	20840.-	3VM1025-3ED42-0AA0	27210.-
		32	3VM1032-3ED32-0AA0	20840.-	3VM1032-3ED42-0AA0	27210.-
		40	3VM1040-3ED32-0AA0	20840.-	3VM1040-3ED42-0AA0	27210.-
		50	3VM1050-3ED32-0AA0	20840.-	3VM1050-3ED42-0AA0	27210.-
		63	3VM1063-3ED32-0AA0	20840.-	3VM1063-3ED42-0AA0	27210.-
		80	3VM1080-3ED32-0AA0	22690.-	3VM1080-3ED42-0AA0	29510.-
		100	3VM1010-3ED32-0AA0	24370.-	3VM1010-3ED42-0AA0	31715.-
3VM11		125	3VM1112-3ED32-0AA0	31235.-	3VM1112-3ED42-0AA0	41245.-
		160	3VM1116-3ED32-0AA0	40740.-	3VM1116-3ED42-0AA0	51595.-

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	21990.-	3VM1196-4GD42-0AA0	30440.-
		20	3VM1120-4ED32-0AA0	21990.-	3VM1120-4GD42-0AA0	30440.-
		25	3VM1125-4ED32-0AA0	21990.-	3VM1125-4GD42-0AA0	30440.-
		32	3VM1132-4ED32-0AA0	21990.-	3VM1132-4GD42-0AA0	30440.-
		40	3VM1140-4ED32-0AA0	21990.-	3VM1140-4GD42-0AA0	30440.-
		50	3VM1150-4ED32-0AA0	21990.-	3VM1150-4GD42-0AA0	30440.-
		63	3VM1163-4ED32-0AA0	21990.-	3VM1163-4GD42-0AA0	30440.-
		80	3VM1180-4ED32-0AA0	23100.-	3VM1180-4GD42-0AA0	33385.-
		100	3VM1110-4ED32-0AA0	26800.-	3VM1110-4GD42-0AA0	38585.-
		125	3VM1112-4ED32-0AA0	47045.-	3VM1112-4GD42-0AA0	61165.-
		160	3VM1116-4ED32-0AA0	51970.-	3VM1116-4GD42-0AA0	67585.-
3VM12		200	3VM1220-4ED32-0AA0	55835.-	3VM1220-4GD42-0AA0	69115.-
		250	3VM1225-4ED32-0AA0	74475.-	3VM1225-4GD42-0AA0	87750.-
3VM13		320	3VM1332-4ED32-0AA0	104615.-	3VM1332-4GD42-0AA0	135440.-
		400	3VM1340-4ED32-0AA0	104615.-	3VM1340-4GD42-0AA0	135440.-
3VM14		500	3VM1450-4ED32-0AA0	135025.-	3VM1450-4GD42-0AA0	174910.-
		630	3VM1463-4ED32-0AA0	135025.-	3VM1463-4GD42-0AA0	174910.-

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

Std. Pkg. = 1 unit

AM: Adjustable Magnetic FM: Fixed Magnetic

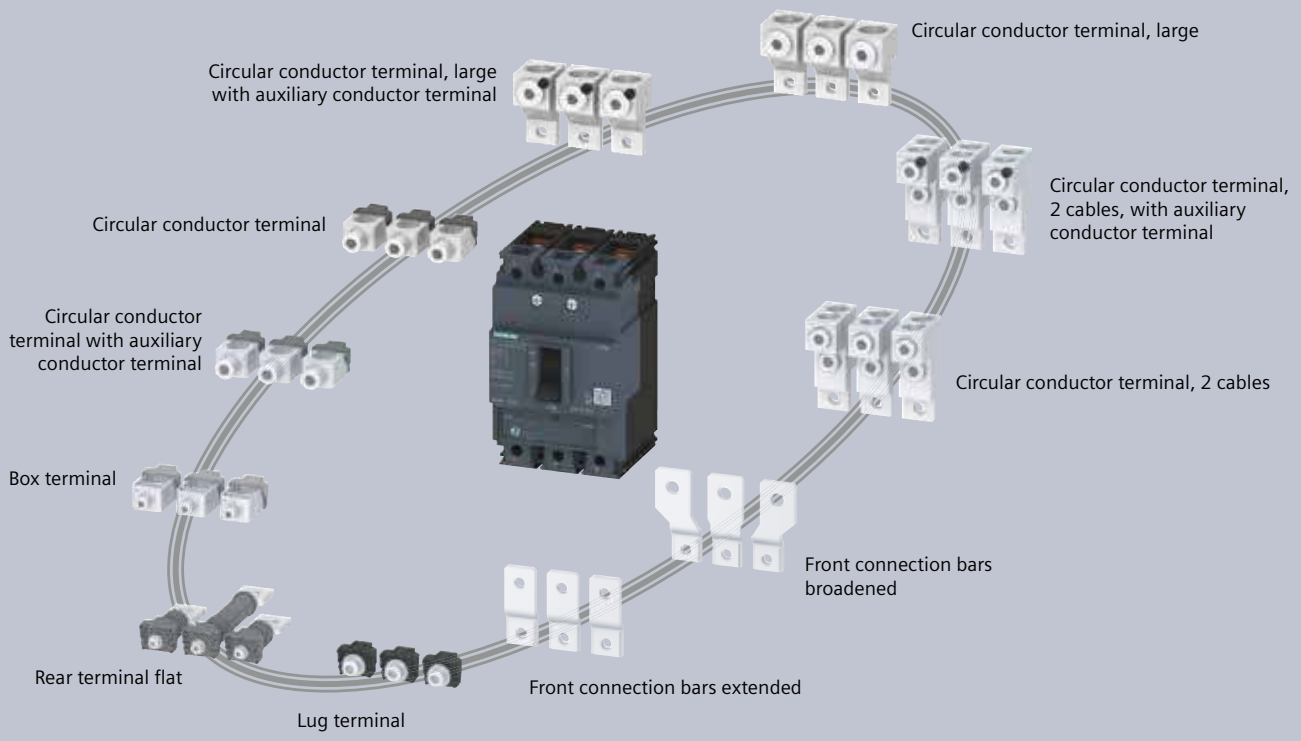
* LP - List Price

@ MRP - Max. Retail Price

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM1196-5ED32-0AA0	25280.-	3VM1196-5GD42-0AA0	32795.-
		20	3VM1120-5ED32-0AA0	25280.-	3VM1120-5GD42-0AA0	32795.-
		25	3VM1125-5ED32-0AA0	25280.-	3VM1125-5GD42-0AA0	32795.-
		32	3VM1132-5ED32-0AA0	25280.-	3VM1132-5GD42-0AA0	32795.-
		40	3VM1140-5ED32-0AA0	25280.-	3VM1140-5GD42-0AA0	32795.-
		50	3VM1150-5ED32-0AA0	25280.-	3VM1150-5GD42-0AA0	32795.-
		63	3VM1163-5ED32-0AA0	25280.-	3VM1163-5GD42-0AA0	32795.-
		80	3VM1180-5ED32-0AA0	27695.-	3VM1180-5GD42-0AA0	36005.-
		100	3VM1110-5ED32-0AA0	32085.-	3VM1110-5GD42-0AA0	41650.-
		125	3VM1112-5ED32-0AA0	51710.-	3VM1112-5GD42-0AA0	67215.-
		160	3VM1116-5ED32-0AA0	57120.-	3VM1116-5GD42-0AA0	74320.-
3VM12		200	3VM1220-5ED32-0AA0	61790.-	3VM1220-5GD42-0AA0	78295.-
		250	3VM1225-5ED32-0AA0	80430.-	3VM1225-5GD42-0AA0	96940.-
3VM13		320	3VM1332-5ED32-0AA0	119290.-	3VM1332-5GD42-0AA0	149430.-
		400	3VM1340-5ED32-0AA0	119290.-	3VM1340-5GD42-0AA0	149430.-
3VM14		500	3VM1450-5ED32-0AA0	154285.-	3VM1450-5GD42-0AA0	192740.-
		630	3VM1463-5ED32-0AA0	154285.-	3VM1463-5GD42-0AA0	192740.-

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	24765.-	3VM1196-3GE42-0AA0	37310.-
		20	3VM1120-3EE32-0AA0	24765.-	3VM1120-3GE42-0AA0	37310.-
		25	3VM1125-3EE32-0AA0	24765.-	3VM1125-3GE42-0AA0	37310.-
		32	3VM1132-3EE32-0AA0	24765.-	3VM1132-3GE42-0AA0	37310.-
		40	3VM1140-3EE32-0AA0	24765.-	3VM1140-3GE42-0AA0	37310.-
		50	3VM1150-3EE32-0AA0	24765.-	3VM1150-3GE42-0AA0	37310.-
		63	3VM1163-3EE32-0AA0	24765.-	3VM1163-3GE42-0AA0	37310.-
		80	3VM1180-3EE32-0AA0	24765.-	3VM1180-3GE42-0AA0	37310.-
		100	3VM1110-3EE32-0AA0	24765.-	3VM1110-3GE42-0AA0	37310.-
		125	3VM1112-3EE32-0AA0	31950.-	3VM1112-3GE42-0AA0	43730.-
		160	3VM1116-3EE32-0AA0	43965.-	3VM1116-3GE42-0AA0	55965.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	32030.-	3VM1196-4GE42-0AA0	41910.-
		20	3VM1120-4EE32-0AA0	32030.-	3VM1120-4GE42-0AA0	41910.-
		25	3VM1125-4EE32-0AA0	32030.-	3VM1125-4GE42-0AA0	41910.-
		32	3VM1132-4EE32-0AA0	32030.-	3VM1132-4GE42-0AA0	41910.-
		40	3VM1140-4EE32-0AA0	32030.-	3VM1140-4GE42-0AA0	41910.-
		50	3VM1150-4EE32-0AA0	32030.-	3VM1150-4GE42-0AA0	41910.-
		63	3VM1163-4EE32-0AA0	32030.-	3VM1163-4GE42-0AA0	41910.-
		80	3VM1180-4EE32-0AA0	32030.-	3VM1180-4GE42-0AA0	41910.-
		100	3VM1110-4EE32-0AA0	32030.-	3VM1110-4GE42-0AA0	41910.-
		125	3VM1112-4EE32-0AA0	49290.-	3VM1112-4GE42-0AA0	62765.-
		160	3VM1116-4EE32-0AA0	53400.-	3VM1116-4GE42-0AA0	69330.-
3VM12		200	3VM1220-4EE32-0AA0	77245.-	3VM1220-4GE42-0AA0	90150.-
		250	3VM1225-4EE32-0AA0	77245.-	3VM1225-4GE42-0AA0	90150.-
3VM13		320	3VM1332-4EE32-0AA0	104615.-	3VM1332-4GE42-0AA0	135440.-
		400	3VM1340-4EE32-0AA0	104615.-	3VM1340-4GE42-0AA0	135440.-
3VM14		500	3VM1450-4EE32-0AA0	135025.-	3VM1450-4GE42-0AA0	174910.-
		630	3VM1463-4EE32-0AA0	135025.-	3VM1463-4GE42-0AA0	174910.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	36490.-	3VM1196-5GE42-0AA0	46105.-
		20	3VM1120-5EE32-0AA0	36490.-	3VM1120-5GE42-0AA0	46105.-
		25	3VM1125-5EE32-0AA0	36490.-	3VM1125-5GE42-0AA0	46105.-
		32	3VM1132-5EE32-0AA0	36490.-	3VM1132-5GE42-0AA0	46105.-
		40	3VM1140-5EE32-0AA0	36490.-	3VM1140-5GE42-0AA0	46105.-
		50	3VM1150-5EE32-0AA0	36490.-	3VM1150-5GE42-0AA0	46105.-
		63	3VM1163-5EE32-0AA0	36490.-	3VM1163-5GE42-0AA0	46105.-
		80	3VM1180-5EE32-0AA0	36490.-	3VM1180-5GE42-0AA0	46105.-
		100	3VM1110-5EE32-0AA0	36490.-	3VM1110-5GE42-0AA0	46105.-
		125	3VM1112-5EE32-0AA0	57285.-	3VM1112-5GE42-0AA0	68810.-
		160	3VM1116-5EE32-0AA0	58730.-	3VM1116-5GE42-0AA0	75790.-
3VM12		200	3VM1220-5EE32-0AA0	83010.-	3VM1220-5GE42-0AA0	99045.-
		250	3VM1225-5EE32-0AA0	83010.-	3VM1225-5GE42-0AA0	99045.-
3VM13		320	3VM1332-5EE32-0AA0	119290.-	3VM1332-5GE42-0AA0	149430.-
		400	3VM1340-5EE32-0AA0	119290.-	3VM1340-5GE42-0AA0	149430.-
3VM14		500	3VM1450-5EE32-0AA0	154285.-	3VM1450-5GE42-0AA0	192740.-
		630	3VM1463-5EE32-0AA0	154285.-	3VM1463-5GE42-0AA0	192740.-

Std. Pkg. = 1 unit

* LP - List Price

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

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50/60Hz)	Unit LP* ₹
3VM11	8 [1]	3VM1108-5MG32-0AA0	31780.-
	12.5 [1]	3VM1192-5MG32-0AA0	31780.-
	20	3VM1120-5MH32-0AA0	31780.-
	32	3VM1132-5MH32-0AA0	37980.-
	40	3VM1140-5MH32-0AA0	37980.-
	50	3VM1150-5MH32-0AA0	37980.-
	63	3VM1163-5MH32-0AA0	37980.-
	80	3VM1180-5MH32-0AA0	37980.-
	100	3VM1110-5MH32-0AA0	37980.-
	125	3VM1112-5MH32-0AA0	56520.-
3VM12	160	3VM1216-5MH32-0AA0	56520.-
	200	3VM1220-5MH32-0AA0	85740.-
3VM13	250	3VM1325-5MH32-0AA0	93660.-
	320	3VM1332-5MH32-0AA0	128515.-
3VM14	400	3VM1440-5MH32-0AA0	147110.-
	500	3VM1450-5MH32-0AA0	169350.-

Please refer recommended Type-2 coordination chart.

SENTRON 3VM, Switch Disconnector (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	23725.-	3VM1163-1AA42-0AA0	35040.-
	100	3VM1110-1AA32-0AA0	23725.-	3VM1110-1AA42-0AA0	35040.-
	125	3VM1112-1AA32-0AA0	34600.-	3VM1112-1AA42-0AA0	43550.-
	160	3VM1116-1AA32-0AA0	34600.-	3VM1116-1AA42-0AA0	43550.-
3VM12	250	3VM1225-1AA32-0AA0	57585.-	3VM1225-1AA42-0AA0	76805.-
3VM13	400	3VM1340-1AA32-0AA0	76855.-	3VM1340-1AA42-0AA0	99940.-

[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.

Std. Pkg. = 1 unit

* LP - List Price

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

Frame Size	Breaking Capacity	Rated Current In (A)	1 Pole Type	Unit LP* ₹	2 Pole Type	Unit LP* ₹
3VM11	25kA[1)]	16	3VM1196-3ED12-0AA0	9255.-	3VM1196-3ED22-0AA0	16595.-
		20	3VM1120-3ED12-0AA0	9255.-	3VM1120-3ED22-0AA0	16595.-
		25	3VM1125-3ED12-0AA0	9255.-	3VM1125-3ED22-0AA0	16595.-
		32	3VM1132-3ED12-0AA0	9255.-	3VM1132-3ED22-0AA0	16595.-
		40	3VM1140-3ED12-0AA0	9255.-	3VM1140-3ED22-0AA0	16595.-
		50	3VM1150-3ED12-0AA0	9255.-	3VM1150-3ED22-0AA0	16595.-
		63	3VM1163-3ED12-0AA0	9255.-	3VM1163-3ED22-0AA0	16595.-
		80	3VM1180-3ED12-0AA0	10175.-	3VM1180-3ED22-0AA0	18175.-
		100	3VM1110-3ED12-0AA0	11740.-	3VM1110-3ED22-0AA0	21295.-
		125	3VM1112-3ED12-0AA0	18965.-	3VM1112-3ED22-0AA0	34455.-
		160	3VM1116-3ED12-0AA0	22100.-	3VM1116-3ED22-0AA0	39800.-
3VM11	36kA[1)]	16	3VM1196-4ED12-0AA0	10010.-	3VM1196-4ED22-0AA0	18175.-
		20	3VM1120-4ED12-0AA0	10010.-	3VM1120-4ED22-0AA0	18175.-
		25	3VM1125-4ED12-0AA0	10010.-	3VM1125-4ED22-0AA0	18175.-
		32	3VM1132-4ED12-0AA0	10010.-	3VM1132-4ED22-0AA0	18175.-
		40	3VM1140-4ED12-0AA0	10010.-	3VM1140-4ED22-0AA0	18175.-
		50	3VM1150-4ED12-0AA0	10010.-	3VM1150-4ED22-0AA0	18175.-
		63	3VM1163-4ED12-0AA0	10010.-	3VM1163-4ED22-0AA0	18175.-
		80	3VM1180-4ED12-0AA0	11120.-	3VM1180-4ED22-0AA0	20070.-
		100	3VM1110-4ED12-0AA0	11980.-	3VM1110-4ED22-0AA0	23180.-
		125	3VM1112-4ED12-0AA0	20560.-	3VM1112-4ED22-0AA0	36955.-
		160	3VM1116-4ED12-0AA0	23960.-	3VM1116-4ED22-0AA0	43230.-

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

Earth fault protection for SENTRON 3VM moulded case circuit breakers

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	9755.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	3365.-
	4P	7UG09911	3840.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	4065.-
	4P	7UG09913	4790.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	5995.-
	4P	7UG09915	6490.-

Earth leakage protection for SENTRON 3VM Moulded Case Circuit Breakers

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	9440.-
	230VAC	7UG0842-1CD20	9535.-
CBCT for ELR	35 mm dia	7UG0996	3430.-
	70 mm dia	7UG0997	3925.-
	120 mm dia	7UG0999	6690.-
	210 mm dia	7UG0994	12860.-
	310 mm dia	7UG0995	19170.-

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

Std. Pkg. = 1 unit

* LP - List Price

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

MLFB	Description	Unit LP*₹
Auxiliary Switches and Alarm Switches (1 C/O)		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	**3685.-**
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	**3685.-**
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	**8210.-**
3VM9908-0BB12	UVR 48V DC	**8210.-**
3VM9908-0BB23	UVR 110 V AC 50/60HZ	**8210.-**
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	**8210.-**
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	**8210.-**
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	**6655.-**
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	**6655.-**
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	**6655.-**
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	**6655.-**
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	**6655.-**

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles [1)]		
3VM9117-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	**4145.-**
3VM9217-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	**5230.-**
3VM9417-0FK51[@]	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	**5905.-**
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	**5255.-**
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	**6900.-**
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	**7615.-**
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	**2170.-**
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	**2780.-**
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	**2710.-**
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	**3605.-**
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	**3635.-**
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	**4720.-**
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	**1830.-**
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	**2440.-**
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	**2460.-**
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	**3205.-**
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	**1550.-**
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	**2155.-**
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	**2155.-**
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	**4085.-**
3VM9388-0LB10	Locking device for: 3VM13/ 14	**5390.-**
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ..[#]	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	**10765.-**

AUX

TAS

UVR

STL

Notes:

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

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

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

Std. Pkg. = 1 unit

* LP - List Price

THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit

Compact
Effcient design

Versatile
For various applications

Reliable
Siemens trusted quality

Operational efficiency
Reduced downtime

NEW

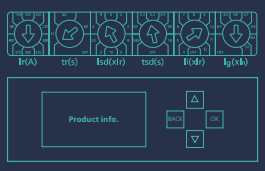
Product highlights

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 : Instanstaneous 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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THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit

Compact
Effcient 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	5045.-	3VJ1096-0DA32-0AA0	6265.-	3VJ1096-0EA42-0AA0	8975.-
		20	3VJ1002-0DA22-0AA0	5045.-	3VJ1002-0DA32-0AA0	6265.-	3VJ1002-0EA42-0AA0	8975.-
		25	3VJ1092-0DA22-0AA0	5045.-	3VJ1092-0DA32-0AA0	6265.-	3VJ1092-0EA42-0AA0	8975.-
		32	3VJ1003-0DA22-0AA0	5045.-	3VJ1003-0DA32-0AA0	6265.-	3VJ1003-0EA42-0AA0	8975.-
		40	3VJ1004-0DA22-0AA0	5045.-	3VJ1004-0DA32-0AA0	6265.-	3VJ1004-0EA42-0AA0	8975.-
		50	3VJ1005-0DA22-0AA0	5045.-	3VJ1005-0DA32-0AA0	6265.-	3VJ1005-0EA42-0AA0	8975.-
		63	3VJ1006-0DA22-0AA0	5045.-	3VJ1006-0DA32-0AA0	6265.-	3VJ1006-0EA42-0AA0	8975.-
		80	3VJ1008-0DA22-0AA0	5045.-	3VJ1008-0DA32-0AA0	6265.-	3VJ1008-0EA42-0AA0	8975.-
		100	3VJ1010-0DA22-0AA0	5045.-	3VJ1010-0DA32-0AA0	6265.-	3VJ1010-0EA42-0AA0	8975.-
		125	3VJ1012-0DA22-0AA0	7800.-	3VJ1012-0DA32-0AA0	9395.-	3VJ1012-0EA42-0AA0	13460.-
	18kA	16	3VJ1096-1DA22-0AA0	6980.-	3VJ1096-1DA32-0AA0	10075.-	3VJ1096-1EA42-0AA0	12920.-
		20	3VJ1002-1DA22-0AA0	6980.-	3VJ1002-1DA32-0AA0	10075.-	3VJ1002-1EA42-0AA0	12920.-
		25	3VJ1092-1DA22-0AA0	6980.-	3VJ1092-1DA32-0AA0	10075.-	3VJ1092-1EA42-0AA0	12920.-
		32	3VJ1003-1DA22-0AA0	6980.-	3VJ1003-1DA32-0AA0	10075.-	3VJ1003-1EA42-0AA0	12920.-
		40	3VJ1004-1DA22-0AA0	6980.-	3VJ1004-1DA32-0AA0	10075.-	3VJ1004-1EA42-0AA0	12920.-
		50	3VJ1005-1DA22-0AA0	6980.-	3VJ1005-1DA32-0AA0	10075.-	3VJ1005-1EA42-0AA0	12920.-
		63	3VJ1006-1DA22-0AA0	6980.-	3VJ1006-1DA32-0AA0	10075.-	3VJ1006-1EA42-0AA0	12920.-
		80	3VJ1008-1DA22-0AA0	6980.-	3VJ1008-1DA32-0AA0	10075.-	3VJ1008-1EA42-0AA0	12920.-
		100	3VJ1010-1DA22-0AA0	6980.-	3VJ1010-1DA32-0AA0	10075.-	3VJ1010-1EA42-0AA0	12920.-
		125	3VJ1012-1DA22-0AA0	8070.-	3VJ1012-1DA32-0AA0	11550.-	3VJ1012-1EA42-0AA0	15025.-
	25kA	16	3VJ1096-3DA22-0AA0	8375.-	3VJ1096-3DA32-0AA0	10980.-	3VJ1096-3EA42-0AA0	14570.-
		20	3VJ1002-3DA22-0AA0	8375.-	3VJ1002-3DA32-0AA0	10980.-	3VJ1002-3EA42-0AA0	14570.-
		25	3VJ1092-3DA22-0AA0	8375.-	3VJ1092-3DA32-0AA0	10980.-	3VJ1092-3EA42-0AA0	14570.-
		32	3VJ1003-3DA22-0AA0	8375.-	3VJ1003-3DA32-0AA0	10980.-	3VJ1003-3EA42-0AA0	14570.-
		40	3VJ1004-3DA22-0AA0	8375.-	3VJ1004-3DA32-0AA0	10980.-	3VJ1004-3EA42-0AA0	14570.-
		50	3VJ1005-3DA22-0AA0	8375.-	3VJ1005-3DA32-0AA0	10980.-	3VJ1005-3EA42-0AA0	14570.-
		63	3VJ1006-3DA22-0AA0	8375.-	3VJ1006-3DA32-0AA0	10980.-	3VJ1006-3EA42-0AA0	14570.-
		80	3VJ1008-3DA22-0AA0	8375.-	3VJ1008-3DA32-0AA0	10980.-	3VJ1008-3EA42-0AA0	14570.-
		100	3VJ1010-3DA22-0AA0	8375.-	3VJ1010-3DA32-0AA0	10980.-	3VJ1010-3EA42-0AA0	14570.-
		125	3VJ1012-3DA22-0AA0	8375.-	3VJ1012-3DA32-0AA0	12550.-	3VJ1012-3EA42-0AA0	16015.-

Notes:
Phase barriers are included in the standard MCCB packing
^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price
For single pole 3VJ MCCB, please contact your nearest Siemens Sales Office.

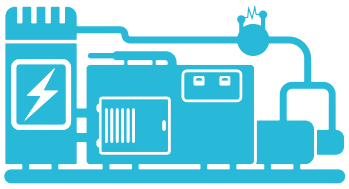
3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	17005.-	3VJ1216-3DA32-0AA0	19715.-	3VJ1216-3EA42-0AA0	25930.-
		200	3VJ1220-3DA22-0AA0	17200.-	3VJ1220-3DA32-0AA0	20020.-	3VJ1220-3EA42-0AA0	28475.-
		250	3VJ1225-3DA22-0AA0	17375.-	3VJ1225-3DA32-0AA0	22530.-	3VJ1225-3EA42-0AA0	29665.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	44630.-	3VJ1332-3EA42-0AA0	57480.-
		400	–	–	3VJ1340-3DA32-0AA0	44630.-	3VJ1340-3EA42-0AA0	57480.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	12890.-	3VJ1196-5DA32-0AA0	15330.-	3VJ1196-5EA42-0AA0	20245.-
		20	3VJ1102-5DA22-0AA0	12890.-	3VJ1102-5DA32-0AA0	15330.-	3VJ1102-5EA42-0AA0	20245.-
		25	3VJ1192-5DA22-0AA0	12890.-	3VJ1192-5DA32-0AA0	15330.-	3VJ1192-5EA42-0AA0	20245.-
		32	3VJ1103-5DA22-0AA0	12890.-	3VJ1103-5DA32-0AA0	15330.-	3VJ1103-5EA42-0AA0	20245.-
		40	3VJ1104-5DA22-0AA0	12890.-	3VJ1104-5DA32-0AA0	15330.-	3VJ1104-5EA42-0AA0	20245.-
		50	3VJ1105-5DA22-0AA0	12890.-	3VJ1105-5DA32-0AA0	15330.-	3VJ1105-5EA42-0AA0	20245.-
		63	3VJ1106-5DA22-0AA0	12890.-	3VJ1106-5DA32-0AA0	15330.-	3VJ1106-5EA42-0AA0	20245.-
		80	3VJ1108-5DA22-0AA0	12890.-	3VJ1108-5DA32-0AA0	15780.-	3VJ1108-5EA42-0AA0	20875.-
		100	3VJ1110-5DA22-0AA0	12890.-	3VJ1110-5DA32-0AA0	15780.-	3VJ1110-5EA42-0AA0	20875.-
		125	3VJ1112-5DA22-0AA0	12890.-	3VJ1112-5DA32-0AA0	17360.-	3VJ1112-5EA42-0AA0	22685.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	17935.-	3VJ1216-5DA32-0AA0	22075.-	3VJ1216-5EA42-0AA0	26850.-
		200	3VJ1220-5DA22-0AA0	18895.-	3VJ1220-5DA32-0AA0	27220.-	3VJ1220-5EA42-0AA0	35130.-
		250	3VJ1225-5DA22-0AA0	21325.-	3VJ1225-5DA32-0AA0	31285.-	3VJ1225-5EA42-0AA0	40260.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	45745.-	3VJ1332-5EA42-0AA0	58595.-
		400	–	–	3VJ1340-5DA32-0AA0	45745.-	3VJ1340-5EA42-0AA0	58595.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-5DA32-0AA0	68620.-	3VJ1450-5EA42-0AA0	87900.-
		630	–	–	3VJ1463-5DA32-0AA0	68620.-	3VJ1463-5EA42-0AA0	87900.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	13560.-	3VJ1196-7DA32-0AA0	19610.-	3VJ1196-7EA42-0AA0	25870.-
		20	3VJ1102-7DA22-0AA0	13560.-	3VJ1102-7DA32-0AA0	19610.-	3VJ1102-7EA42-0AA0	25870.-
		25	3VJ1192-7DA22-0AA0	13560.-	3VJ1192-7DA32-0AA0	19610.-	3VJ1192-7EA42-0AA0	25870.-
		32	3VJ1103-7DA22-0AA0	13560.-	3VJ1103-7DA32-0AA0	19610.-	3VJ1103-7EA42-0AA0	25870.-
		40	3VJ1104-7DA22-0AA0	13560.-	3VJ1104-7DA32-0AA0	19610.-	3VJ1104-7EA42-0AA0	25870.-
		50	3VJ1105-7DA22-0AA0	13560.-	3VJ1105-7DA32-0AA0	19610.-	3VJ1105-7EA42-0AA0	25870.-
		63	3VJ1106-7DA22-0AA0	13560.-	3VJ1106-7DA32-0AA0	19610.-	3VJ1106-7EA42-0AA0	25870.-
		80	3VJ1108-7DA22-0AA0	13560.-	3VJ1108-7DA32-0AA0	19610.-	3VJ1108-7EA42-0AA0	25870.-
		100	3VJ1110-7DA22-0AA0	13560.-	3VJ1110-7DA32-0AA0	19610.-	3VJ1110-7EA42-0AA0	25870.-
		125	3VJ1112-7DA22-0AA0	13560.-	3VJ1112-7DA32-0AA0	21575.-	3VJ1112-7EA42-0AA0	28450.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	19440.-	3VJ1216-7DA32-0AA0	27310.-	3VJ1216-7EA42-0AA0	36070.-
		200	3VJ1220-7DA22-0AA0	19830.-	3VJ1220-7DA32-0AA0	31400.-	3VJ1220-7EA42-0AA0	41465.-
		250	3VJ1225-7DA22-0AA0	21715.-	3VJ1225-7DA32-0AA0	36110.-	3VJ1225-7EA42-0AA0	47695.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-7DA32-0AA0	46865.-	3VJ1332-7EA42-0AA0	60275.-
		400	–	–	3VJ1340-7DA32-0AA0	46865.-	3VJ1340-7EA42-0AA0	60275.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-7DA32-0AA0	70295.-	3VJ1450-7EA42-0AA0	90395.-
		630	–	–	3VJ1463-7DA32-0AA0	70295.-	3VJ1463-7EA42-0AA0	90395.-

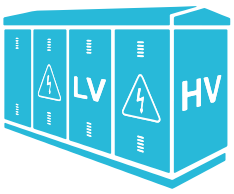
Notes:

Phase barriers are included in the standard MCCB packing

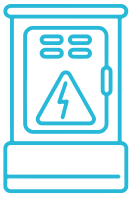
^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price



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	7980.-	3VJ1096-0EB42-0AA0	10775.-
		20	3VJ1002-0DB32-0AA0	7980.-	3VJ1002-0EB42-0AA0	10775.-
		25	3VJ1092-0DB32-0AA0	7980.-	3VJ1092-0EB42-0AA0	10775.-
		32	3VJ1003-0DB32-0AA0	7980.-	3VJ1003-0EB42-0AA0	10775.-
		40	3VJ1004-0DB32-0AA0	7980.-	3VJ1004-0EB42-0AA0	10775.-
		50	3VJ1005-0DB32-0AA0	7980.-	3VJ1005-0EB42-0AA0	10775.-
		63	3VJ1006-0DB32-0AA0	7980.-	3VJ1006-0EB42-0AA0	10775.-
		80	3VJ1008-0DB32-0AA0	7980.-	3VJ1008-0EB42-0AA0	10775.-
		100	3VJ1010-0DB32-0AA0	7980.-	3VJ1010-0EB42-0AA0	10775.-
		125	3VJ1012-0DB32-0AA0	11480.-	3VJ1012-0EB42-0AA0	16200.-
	18kA	16	3VJ1096-1DB32-0AA0	12065.-	3VJ1096-1EB42-0AA0	15485.-
		20	3VJ1002-1DB32-0AA0	12065.-	3VJ1002-1EB42-0AA0	15485.-
		25	3VJ1092-1DB32-0AA0	12065.-	3VJ1092-1EB42-0AA0	15485.-
		32	3VJ1003-1DB32-0AA0	12065.-	3VJ1003-1EB42-0AA0	15485.-
		40	3VJ1004-1DB32-0AA0	12065.-	3VJ1004-1EB42-0AA0	15485.-
		50	3VJ1005-1DB32-0AA0	12065.-	3VJ1005-1EB42-0AA0	15485.-
		63	3VJ1006-1DB32-0AA0	12065.-	3VJ1006-1EB42-0AA0	15485.-
		80	3VJ1008-1DB32-0AA0	12065.-	3VJ1008-1EB42-0AA0	15485.-
		100	3VJ1010-1DB32-0AA0	12065.-	3VJ1010-1EB42-0AA0	15485.-
		125	3VJ1012-1DB32-0AA0	13830.-	3VJ1012-1EB42-0AA0	18010.-
	25kA	16	3VJ1096-3DB32-0AA0	13860.-	3VJ1096-3EB42-0AA0	18385.-
		20	3VJ1002-3DB32-0AA0	13860.-	3VJ1002-3EB42-0AA0	18385.-
		25	3VJ1092-3DB32-0AA0	13860.-	3VJ1092-3EB42-0AA0	18385.-
		32	3VJ1003-3DB32-0AA0	13860.-	3VJ1003-3EB42-0AA0	18385.-
		40	3VJ1004-3DB32-0AA0	13860.-	3VJ1004-3EB42-0AA0	18385.-
		50	3VJ1005-3DB32-0AA0	13860.-	3VJ1005-3EB42-0AA0	18385.-
		63	3VJ1006-3DB32-0AA0	13860.-	3VJ1006-3EB42-0AA0	18385.-
		80	3VJ1008-3DB32-0AA0	13860.-	3VJ1008-3EB42-0AA0	18385.-
		100	3VJ1010-3DB32-0AA0	13860.-	3VJ1010-3EB42-0AA0	18385.-
		125	3VJ1012-3DB32-0AA0	15810.-	3VJ1012-3EB42-0AA0	20210.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	22225.-	3VJ1216-3EB42-0AA0	27060.-
		200	3VJ1220-3DB32-0AA0	24005.-	3VJ1220-3EB42-0AA0	30210.-
		250	3VJ1225-3DB32-0AA0	27010.-	3VJ1225-3EB42-0AA0	35575.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	50550.-	3VJ1332-3EB42-0AA0	65100.-
		400	3VJ1340-3DB32-0AA0	50550.-	3VJ1340-3EB42-0AA0	65100.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	18385.-	3VJ1196-5EB42-0AA0	24275.-
		20	3VJ1102-5DB32-0AA0	18385.-	3VJ1102-5EB42-0AA0	24275.-
		25	3VJ1192-5DB32-0AA0	18385.-	3VJ1192-5EB42-0AA0	24275.-
		32	3VJ1103-5DB32-0AA0	18385.-	3VJ1103-5EB42-0AA0	24275.-
		40	3VJ1104-5DB32-0AA0	18385.-	3VJ1104-5EB42-0AA0	24275.-
		50	3VJ1105-5DB32-0AA0	18385.-	3VJ1105-5EB42-0AA0	24275.-
		63	3VJ1106-5DB32-0AA0	18385.-	3VJ1106-5EB42-0AA0	24275.-
		80	3VJ1108-5DB32-0AA0	18385.-	3VJ1108-5EB42-0AA0	24275.-
		100	3VJ1110-5DB32-0AA0	18385.-	3VJ1110-5EB42-0AA0	24275.-
		125	3VJ1112-5DB32-0AA0	20820.-	3VJ1112-5EB42-0AA0	26395.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	25210.-	3VJ1216-5EB42-0AA0	30660.-
		200	3VJ1220-5DB32-0AA0	32640.-	3VJ1220-5EB42-0AA0	42125.-
		250	3VJ1225-5DB32-0AA0	37525.-	3VJ1225-5EB42-0AA0	48280.-
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	51810.-	3VJ1332-5EB42-0AA0	66360.-
		400	3VJ1340-5DB32-0AA0	51810.-	3VJ1340-5EB42-0AA0	66360.-
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	77725.-	3VJ1450-5EB42-0AA0	99545.-
		630	3VJ1463-5DB32-0AA0	77725.-	3VJ1463-5EB42-0AA0	99545.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DB32-0AA0	22205.-	3VJ1196-7EB42-0AA0	29290.-
		20	3VJ1102-7DB32-0AA0	22205.-	3VJ1102-7EB42-0AA0	29290.-
		25	3VJ1192-7DB32-0AA0	22205.-	3VJ1192-7EB42-0AA0	29290.-
		32	3VJ1103-7DB32-0AA0	22205.-	3VJ1103-7EB42-0AA0	29290.-
		40	3VJ1104-7DB32-0AA0	22205.-	3VJ1104-7EB42-0AA0	29290.-
		50	3VJ1105-7DB32-0AA0	22205.-	3VJ1105-7EB42-0AA0	29290.-
		63	3VJ1106-7DB32-0AA0	22205.-	3VJ1106-7EB42-0AA0	29290.-
		80	3VJ1108-7DB32-0AA0	22205.-	3VJ1108-7EB42-0AA0	29290.-
		100	3VJ1110-7DB32-0AA0	22205.-	3VJ1110-7EB42-0AA0	29290.-
		125	3VJ1112-7DB32-0AA0	24430.-	3VJ1112-7EB42-0AA0	32225.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	29230.-	3VJ1216-7EB42-0AA0	38615.-
		200	3VJ1220-7DB32-0AA0	33625.-	3VJ1220-7EB42-0AA0	44390.-
		250	3VJ1225-7DB32-0AA0	38640.-	3VJ1225-7EB42-0AA0	51055.-
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	53075.-	3VJ1332-7EB42-0AA0	68270.-
		400	3VJ1340-7DB32-0AA0	53075.-	3VJ1340-7EB42-0AA0	68270.-
3VJ14 (VJ1 630)		500	3VJ1450-7DB32-0AA0	79625.-	3VJ1450-7EB42-0AA0	102390.-
		630	3VJ1463-7DB32-0AA0	79625.-	3VJ1463-7EB42-0AA0	102390.-

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	9755.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	3365.-
	4P	7UG09911	3840.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	3840.-
	4P	7UG09911	3840.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	4065.-
	4P	7UG09913	4790.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915	6490.-

Earth Leakage Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	9440.-
	230VAC	7UG0842-1CD20	9535.-
CBCT for ELR	35 mm dia	7UG0996	3430.-
	70 mm dia	7UG0997	3925.-
	120 mm dia	7UG0999	6690.-
	210 mm dia	7UG0994	12860.-
	310 mm dia	7UG0995	19170.-

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

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

3VJ Internal accessories

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	2875.-	3VJ9218-0AN11	2965.-	3VJ9218-0AN11	2965.-	3VJ9417-0AN11	3215.-
	Right	–	–	3VJ9218-0AN21	2965.-	3VJ9218-0AN21	2965.-	3VJ9417-0AN21	3215.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	2875.-	3VJ9118-0AA11	2875.-	3VJ9218-0AA11	2965.-	3VJ9417-0AA11	3215.-
	Right	–	–	3VJ9118-0AA21	2875.-	3VJ9218-0AA21	2965.-	3VJ9417-0AA21	3215.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	4650.-	3VJ9118-0AD11	4650.-	3VJ9218-0AD11	4880.-	3VJ9417-0AD11	5545.-
	Right	–	–	3VJ9118-0AD21	4650.-	3VJ9218-0AD21	4880.-	3VJ9417-0AD21	5545.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	5915.-	3VJ9218-0ST11	5915.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	6655.-
	48V DC	–	–	3VJ9218-0ST12	5915.-	3VJ9218-0ST12	5915.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	6655.-
	110V DC	3VJ9018-0ST15	4310.-	3VJ9218-0ST15	5915.-	3VJ9218-0ST15	5915.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	6655.-
	110V AC	3VJ9018-0ST35	4310.-	3VJ9218-0ST35	6145.-	3VJ9218-0ST35	6145.-	–	–
	220V AC	3VJ9018-0ST36	4670.-	3VJ9218-0ST36	6350.-	3VJ9218-0ST36	6350.-	3VJ9417-0ST36	7320.-
	415V AC	3VJ9018-0ST37	4670.-	3VJ9218-0ST37	6350.-	3VJ9218-0ST37	6350.-	3VJ9417-0ST37	7320.-
Undervoltage Release (Left) (UVR)	24V DC	–	–	3VJ9218-0UV11	8480.-	3VJ9218-0UV11	8480.-	–	–
	48V DC	–	–	3VJ9218-0UV12	8480.-	3VJ9218-0UV12	8480.-	–	–
	220V AC	–	–	3VJ9218-0UV36	8905.-	3VJ9218-0UV36	8905.-	3VJ9417-0UV36	22190.-
	415V AC	–	–	3VJ9218-0UV37	9530.-	3VJ9218-0UV37	9530.-	3VJ9417-0UV37	22190.-

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

3VJ External accessories

Frame Size / Accessory	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	4240.-	3VJ9118-0HD11	4565.-	3VJ9218-0HD11	5340.-	3VJ9417-0HD11	7055.-	3VJ9417-0HD11	7055.-
Spreader Links^	2P	3VJ9012-0ED00	385.-	3VJ9112-0ED00	420.-	3VJ9212-0ED00	1280.-	–	–	–	–
	3P	3VJ9013-0ED00	650.-	3VJ9113-0ED00	680.-	3VJ9213-0ED00	2065.-	3VJ9313-0ED00	3605.-	3VJ9413-0ED00	4525.-
	4P	3VJ9014-0ED00	840.-	3VJ9114-0ED00	875.-	3VJ9214-0ED00	2695.-	3VJ9314-0ED00	5075.-	3VJ9414-0ED00	6390.-
Phase Barriers#		3VJ9018-0CA00	300.-	3VJ9218-0CA00	470.-	3VJ9218-0CA00	470.-	3VJ9417-0CA00	535.-	3VJ9417-0CA00	535.-
Front Barriers$	2P/3P	3VJ9016-0CJ30	685.-	3VJ9116-0CJ30	815.-	3VJ9216-0CJ30	1170.-	3VJ9413-0CJ30	1525.-	3VJ9413-0CJ30	1525.-
	4P	3VJ9014-0CJ40	960.-	3VJ9114-0CJ40	1040.-	3VJ9214-0CJ40	1370.-	3VJ9414-0CJ40	1880.-	3VJ9414-0CJ40	1880.-
Toogle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	1205.-	3VJ9417-0DH10	1205.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	10765.-	8UC60701YQ..	10765.-	8UC60701YQ..	10765.-	8UC60702YQ..	11050.-	8UC60702YQ..	11050.-
SS Enclosures	2P/3P	3VJ9016-0DE11	4795.-	3VJ9116-0DE11	4795.-	3VJ9216-0DE12	10505.-	–	–	–	–
	4P	3VJ9014-0DE11	4795.-	3VJ9114-0DE11	4795.-	3VJ9214-0DE12	10505.-				
Padlock on MCCB Dolly/ Knob	–	–	–	3VJ9118-0LM10	1920.-	3VJ9218-0LM10	1920.-	3VJ9317-0LM10	4650.-	3VJ9317-0LM10	4650.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	–	–	3VJ9116-0VM10	5245.-	3VJ9216-0VM10	10225.-	3VJ9313-0VM10	19925.-	3VJ9313-0VM10	19925.-
	4P	–	–	3VJ9114-0VM10	5465.-	3VJ9214-0VM10	12065.-	3VJ9314-0VM10	26660.-	3VJ9314-0VM10	26660.-

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**	**245850.-**	**1**
3KC ATC 6500	**3KC9000-8TL50**	**POR**	**1**
Accessories | Expandable DI /DO Modules (For both ATC 6300 & 6500)			
ATC6 expansion module 4DI	**3KC9000-8TL60**	**POR**	**1**
ATC6 expansion module 4DO, SSR	**3KC9000-8TL61**	**POR**	**1**
ATC6 expansion module 2DI/2DO, SSR	**3KC9000-8TL62**	**POR**	**1**
ATC6 expansion module 2DO, relay	**3KC9000-8TL63**	**POR**	**1**
ATC6 expansion module 2DI/2DO, relay	**3KC9000-8TL64**	**POR**	**1**
Expansion modules with communication interfaces (For both ATC 6300 & 6500)			
ATC6 RS 485 expansion module	**3KC9000-8TL74**	**POR**	**1**
ATC6 Ethernet expansion module	**3KC9000-8TL75**	**POR**	**1**
USB Front interface (For both ATC 6300 & 6500)			
ATC6 USB front interface	**3KC9000-8TL73**	**POR**	**1**
IP 65 Protective Gasket			
For ATC 6300 144 x 144 mm	**3KC9000-8TL67**	**POR**	**1**
For ATC 6500 171 x 131 mm	**3KC9000-8TL68**	**POR**	**1**

POR: Price On Request

* LP - List Price

Complete Auto changeover solution with SIEMENS circuit breakers

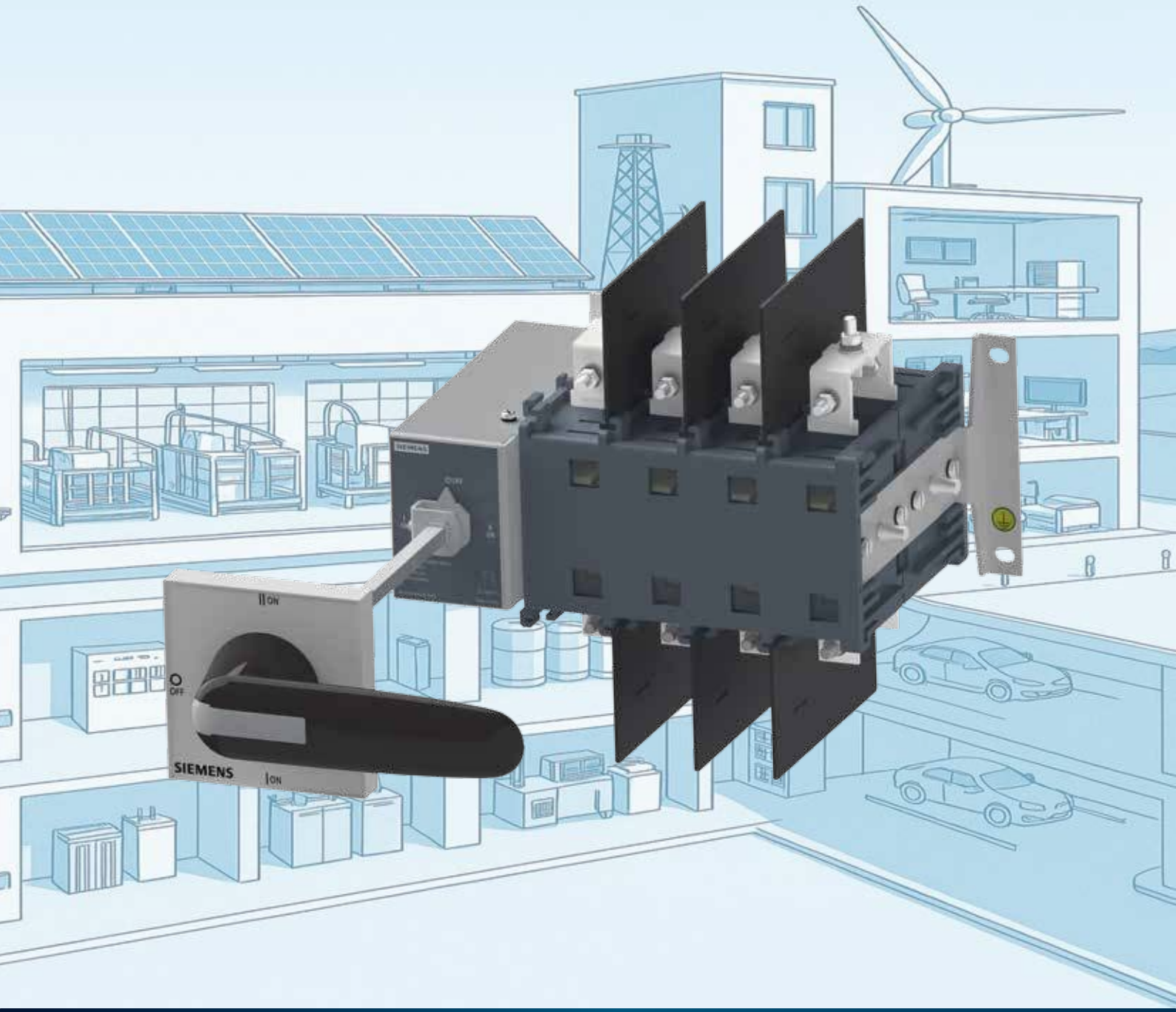
Designed and tested with

3WA

3WT*Plus*

3VA

3KC



THE POWER OF **SIMPLICITY**

SINOPLUS 3KJ On Load Changeover Switches

- 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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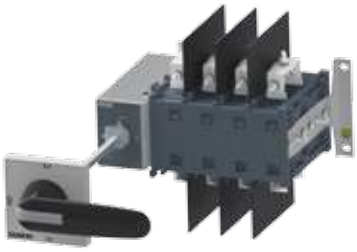
SIEMENS

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	11740.-	3KJ1126-4AA20-1AA0	23215.-	1
		100	3KJ1130-4AA20-0AA0	15610.-	3KJ1130-4AA20-1AA0	27275.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	23370.-	3KJ0132-4AA20-1AA0	31775.-	1
		160	3KJ0134-4AA20-0AA0	25680.-	3KJ0134-4AA20-1AA0	36385.-	1
	2	200	3KJ0236-4AA20-0AA0	32700.-	3KJ0236-4AA20-1AA0	42085.-	1
		250	3KJ0238-4AA20-0AA0	40030.-	3KJ0238-4AA20-1AA0	52295.-	1
		315	3KJ0240-4AA20-0AA0	52445.-	3KJ0240-4AA20-1AA0	63925.-	1
		400	3KJ0242-4AA20-0AA0	76130.-	3KJ0242-4AA20-1AA0	95035.-	1
	3	630	3KJ0346-4AA20-0AA0	90535.-	3KJ0346-4AA20-1AA0	109415.-	1
		800	3KJ0348-4AA20-0AA0	131320.-	3KJ0348-4AA20-1AA0	157360.-	1
	4	1000	3KJ0450-4AA30-0AA0	247330.-	3KJ0450-4AA30-1AA0	271980.-	1
		1250	3KJ0452-4AA30-0AA0	304810.-	3KJ0452-4AA30-1AA0	351265.-	1
		1600	3KJ0454-4AA30-0AA0	388580.-	3KJ0454-4AA30-1AA0	473735.-	1
	5	2000	3KJ0556-4AA30-0AA0	598170.-	3KJ0556-4AA30-1AA0	652970.-	1
		2500	3KJ0558-4AA30-0AA0	766915.-	3KJ0558-4AA30-1AA0	835510.-	1
		3150	3KJ0560-4AA30-0AA0	986110.-	3KJ0560-4AA30-1AA0	1132495.-	1

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

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

Metro
Solar
Power Utilities
Port
Crane
Offshore
Metal
Oil
Mining

Manual On Load Changeover Switch 3KJ

Auxiliary switch

Gland box

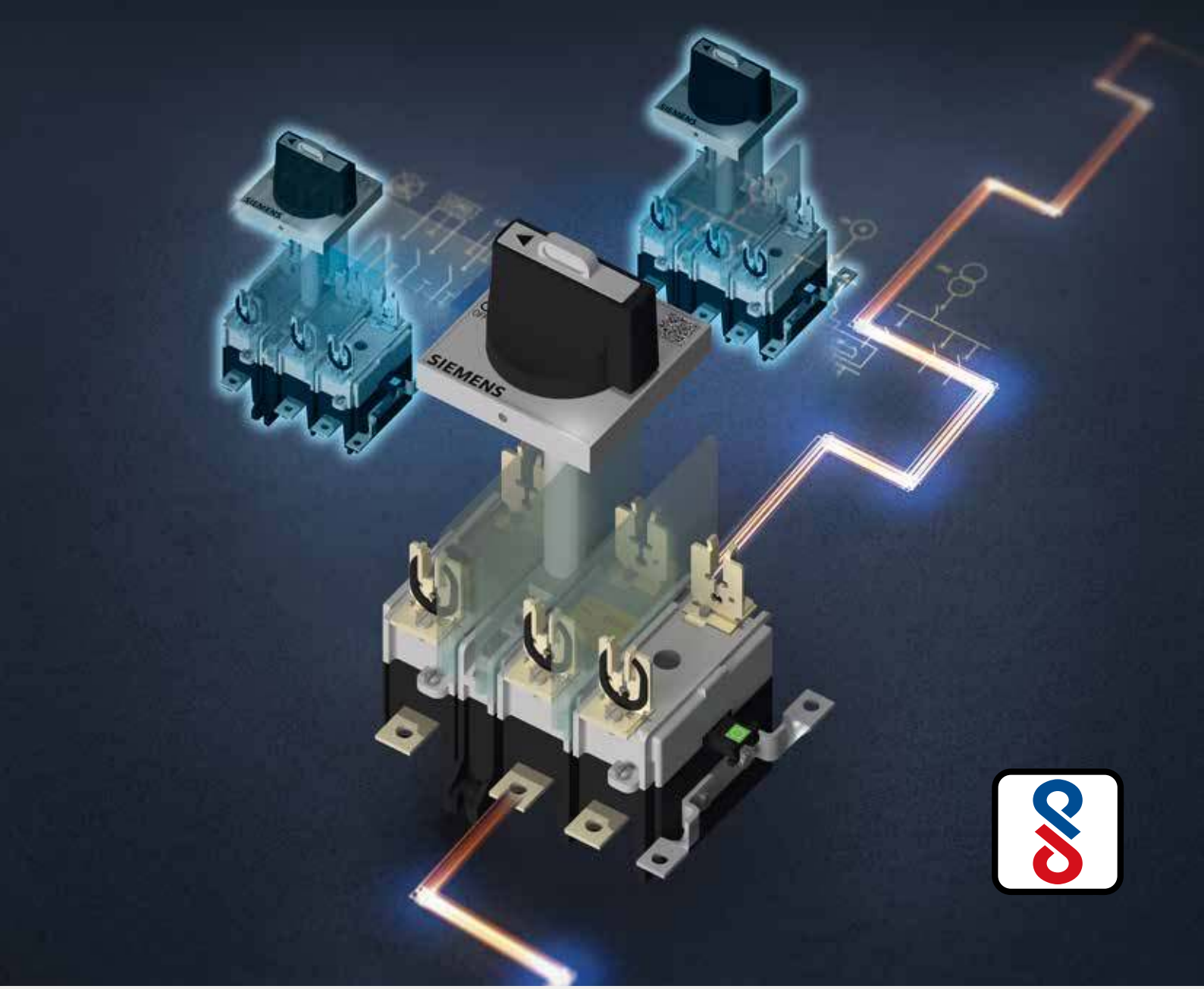
Accessories and spares

Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch [1]	1CO	3KJ9101-1AB00	1175.-					1
	2CO	3KJ9101-1AD00	2345.-					1
	1NO+1NC			3KJ9001-1AB00	3050.-	3KJ9001-5AB00	6160.-	1
	2NO+2NC			3KJ9001-1AD00	10615.-	3KJ9001-5AD00	23035.-	1
Gland box [2]	With one gland plate			3KJ9013-1MA00	6330.-	3KJ9013-2MB00	14315.-	1
Spare Phase barrier		3KJ9103-1CA00	80.-	3KJ9003-1CA00	110.-	3KJ9003-3CA00	175.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	1110.-	3KJ9006-2FT00	1110.-	3KJ9006-2FT00	1110.-	1
Spare Shaft		3KJ9107-1GA00	370.-	3KJ9007-2GA00	370.-	3KJ9007-2GA00	370.-	1
Spare pole [3]				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
						315A 3KJ9008-2HG00		1
						400A 3KJ9008-2HH00		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A 3KJ9002-2BC00	POR	1
						250A,315A 3KJ9002-2BD00		1
						400A 3KJ9002-2BE00		1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch [1]	1NO+1NC	3KJ9001-5AB00	6160.-	3KJ9001-5AB00	6160.-	3KJ9001-5AB00	6160.-	1
	2NO+2NC	3KJ9001-5AD00	23035.-	3KJ9001-5AD00	23035.-	3KJ9001-5AD00	23035.-	1
Gland box [2]	With one gland plate	3KJ9013-3MC00	22030.-					1
Spare Phase barrier		3KJ9003-3CA00	175.-	3KJ9003-4CA00	620.-			1
	Lower side					3KJ9003-5CA10	620.-	1
	Front side					3KJ9003-5CA20	680.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	1260.-					1
	Metallic			3KJ9006-4FM00	3660.-	3KJ9006-5FM00	3925.-	1
Spare Shaft		3KJ9007-4GA00	800.-	3KJ9007-4GA00	800.-	3KJ9007-5GA00	800.-	1
Spare pole [3]		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00		1
Spare Extended link				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR			1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
						3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1

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

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



SUPERSWITCH

Switch Disconnector Fuse - **3KL8**

Safe. Reliable. Efficient.

- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders
- QCO Certification: Size 3, 3KL8 SDF is now QCO certified

SIEMENS

Superswitch 3KL8

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

4P

3PN

3P

2P

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

Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	7020.-	3KL8111-4TJ00	7135.-	3KL8111-4TC00	7290.-	1
32A	3KL8121-4TA00	7265.-	3KL8121-4TJ00	7825.-	3KL8121-4TC00	7870.-	1
63A	3KL8151-4TA00	9775.-	3KL8151-4TJ00	9915.-	3KL8151-4TC00	10320.-	1
100A	3KL8171-4TA00	14675.-	–	–	–	–	1
100A	3KL8211-4TA00	21085.-	3KL8211-4TJ00	22990.-	–	–	1
125A	3KL8221-4TA00	25830.-	3KL8221-4TJ00	27370.-	–	–	1
160A	3KL8231-4TA00	28680.-	3KL8231-4TJ00	33255.-	–	–	1
200A	3KL8311-4UA00	41150.-	3KL8311-4UJ00	43200.-	–	–	1
250A	3KL8321-4UA00	47945.-	3KL8321-4UJ00	51200.-	–	–	1
315A	3KL8331-4UA00	57705.-	3KL8331-4UJ00	63175.-	–	–	1
400A	3KL8341-4UA00	63495.-	3KL8341-4UJ00	72980.-	–	–	1
500A	3KL8411-4UA00	103120.-	3KL8411-4UJ00	117625.-	–	–	1
630A	3KL8421-4UA00	106915.-	3KL8421-4UJ00	121880.-	–	–	1
800A$	3KL8431-4UA00	126365.-	3KL8431-4UJ00	132065.-	–	–	1

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

Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	6235.-	3KL8111-5TJ00	6250.-	3KL8111-5TC00	6285.-	1
32A	3KL8121-5TA00	6330.-	3KL8121-5TJ00	6370.-	3KL8121-5TC00	6425.-	1
63A	3KL8151-5TA00	8500.-	3KL8151-5TJ00	8675.-	3KL8151-5TC00	8755.-	1
100A	3KL8171-5TA00	12175.-	–	–	–	–	1
100A	3KL8211-5TA00	16955.-	3KL8211-5TJ00	17105.-	–	–	1
125A	3KL8221-5TA00	21825.-	3KL8221-5TJ00	21915.-	–	–	1
160A	3KL8231-5TA00	23355.-	3KL8231-5TJ00	23455.-	–	–	1
200A	3KL8311-5UA00	32050.-	3KL8311-5UJ00	33015.-	–	–	1
250A	3KL8321-5UA00	36410.-	3KL8321-5UJ00	37395.-	–	–	1
315A	3KL8331-5UA00	43350.-	3KL8331-5UJ00	44080.-	–	–	1
400A	3KL8341-5UA00	52240.-	3KL8341-5UJ00	53015.-	–	–	1
500A	3KL8411-5UA00	84025.-	3KL8411-5UJ00	85955.-	–	–	1
630A	3KL8421-5UA00	88495.-	3KL8421-5UJ00	93095.-	–	–	1
800A$	3KL8431-5UA00	94365.-	3KL8431-5UJ00	100870.-	–	–	1

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

Rated current I_e @ 690V< 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	6050.-	1
32A	3KL8121-1TA00	6165.-	1
63A	3KL8151-1TA00	8370.-	1
100A	3KL8211-1TA00	16650.-	1
125A	3KL8221-1TA00	21175.-	1
160A	3KL8231-1TA00	22885.-	1
200A	3KL8311-1UA00	31055.-	1
250A	3KL8321-1UA00	36205.-	1
315A	3KL8331-1UA00	42695.-	1
400A	3KL8341-1UA00	51410.-	1
500A	3KL8411-1UA00	82740.-	1
630A	3KL8421-1UA00	87940.-	1
800A$	3KL8431-1UA00	93785.-	1

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

$ 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

Superswitch 3KL8

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

Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A@	3KL8111-2TA00	5635.-	–	–	3KL8111-2TC00	5750.-	1
32A@	3KL8121-2TA00	5750.-	–	–	3KL8121-2TC00	5995.-	1
63A@	3KL8151-2TA00	7480.-	–	–	3KL8151-2TC00	7545.-	1
100A@	3KL8171-2TA00	11570.-	–	–	–	–	1
100A	3KL8211-2TA00	15925.-	3KL8211-2TJ00	16290.-	–	–	1
125A	3KL8221-2TA00	18455.-	3KL8221-2TJ00	20100.-	–	–	1
160A	3KL8231-2TA00	19190.-	3KL8231-2TJ00	21655.-	–	–	1
200A	3KL8311-2UA00	27890.-	3KL8311-2UJ00	30485.-	–	–	1
250A	3KL8321-2UA00	30375.-	3KL8321-2UJ00	33660.-	–	–	1
315A	3KL8331-2UA00	36965.-	3KL8331-2UJ00	39210.-	–	–	1
400A	3KL8341-2UA00	44030.-	3KL8341-2UJ00	46290.-	–	–	1
500A	3KL8411-2UA00	69530.-	3KL8411-2UJ00	80960.-	–	–	1
630A	3KL8421-2UA00	71120.-	3KL8421-2UJ00	82140.-	–	–	1
800A$	3KL8431-2UA00	92510.-	3KL8431-2UJ00	92820.-	–	–	1

Switch disconnector fuse in SS^ Enclosure (factory fitted)>

Rated current I_e @690V< 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	13035.-	3KL8111-4TA10	15025.-	1
	BS	3KL8111-5TJ10	13150.-	3KL8111-4TJ10	15055.-	1
	CYL	3KL8111-5TC10	13215.-	3KL8111-4TC10	15180.-	1
32A	DIN	3KL8121-5TA10	13945.-	3KL8121-4TA10	15500.-	1
	BS	3KL8121-5TJ10	13985.-	3KL8121-4TJ10	15675.-	1
	CYL	3KL8121-5TC10	14055.-	3KL8121-4TC10	15730.-	1
63A	DIN	3KL8151-5TA10	15485.-	3KL8151-4TA10	18270.-	1
	BS	3KL8151-5TJ10	15540.-	3KL8151-4TJ10	18725.-	1
	CYL	3KL8151-5TC10	15665.-	3KL8151-4TC10	18790.-	1
100A	DIN	3KL8211-5TA10	24825.-	3KL8211-4TA10	29430.-	1
	BS	3KL8211-5TJ10	25555.-	3KL8211-4TJ10	29725.-	1
125A	DIN	3KL8221-5TA10	29415.-	3KL8221-4TA10	35440.-	1
	BS	3KL8221-5TJ10	29640.-	3KL8221-4TJ10	36560.-	1
160A	DIN	3KL8231-5TA10	31565.-	3KL8231-4TA10	38960.-	1
	BS	3KL8231-5TJ10	31805.-	3KL8231-4TJ10	39220.-	1
200A	DIN	3KL8311-5UA10	45515.-	3KL8311-4UA10	63610.-	1
	BS	3KL8311-5UJ10	45875.-	3KL8311-4UJ10	65070.-	1
250A	DIN	3KL8321-5UA10	51605.-	3KL8321-4UA10	67730.-	1
	BS	3KL8321-5UJ10	51960.-	3KL8321-4UJ10	68210.-	1
315A	DIN	3KL8331-5UA10	61385.-	3KL8331-4UA10	80620.-	1
	BS	3KL8331-5UJ10	61720.-	3KL8331-4UJ10	81015.-	1
400A	DIN	3KL8341-5UA10	70800.-	3KL8341-4UA10	90395.-	1
	BS	3KL8341-5UJ10	71710.-	3KL8341-4UJ10	90775.-	1
500A	DIN	3KL8411-5UA10	105435.-	3KL8411-4UA10	132950.-	1
	BS	3KL8411-5UJ10	105750.-	3KL8411-4UJ10	134380.-	1
630A	DIN	3KL8421-5UA10	111005.-	3KL8421-4UA10	141185.-	1
	BS	3KL8421-5UJ10	111320.-	3KL8421-4UJ10	141595.-	1
800A$	DIN	3KL8431-5UA10	119160.-	3KL8431-4UA10	151565.-	1
	BS	3KL8431-5UJ10	119475.-	3KL8431-4UJ10	151965.-	1

SS ^ Enclosure for 3LK8/ 3KA8

Rated current I_e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	8855.-	1
200A-400A	3KX8345-4AC	11790.-	1
500A-800A	3KX8435-4AC 1)	19325.-	1
200A-800A	3KX8435-4AG # 2)	33185.-	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_e @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00@	6590.-	3KA8151-5TE00	7950.-	3KA8151-4TE00	11305.-	1
100A	–	–	3KA8171-5TE00	12360.-	3KA8171-4TE00	22740.-	1
100A	3KA8211-2TE00	11535.-	3KA8211-5TE00	15720.-	3KA8211-4TE00	26290.-	1
125A	3KA8221-2TE00	14480.-	3KA8221-5TE00	18055.-	3KA8221-4TE00	28240.-	1
160A	3KA8231-2TE00	19300.-	3KA8231-5TE00	23490.-	3KA8231-4TE00	35580.-	1
200A	3KA8311-2UE00	24535.-	3KA8311-5UE00	30335.-	3KA8311-4UE00	41295.-	1
250A	3KA8321-2UE00	26850.-	3KA8321-5UE00	32030.-	3KA8321-4UE00	50725.-	1
400A	3KA8341-2UE00	37245.-	3KA8341-5UE00	47360.-	3KA8341-4UE00	69140.-	1
630A$	3KA842□-2UE00	59745.-	3KA842□-5UE00	75180.-	3KA842□-4UE00	98960.-	1
800A$	3KA843□-2UE00	62345.-	3KA843□-5UE00	77585.-	3KA843□-4UE00	113570.-	1
1000A$	3KA844□-2UE00	83425.-	3KA844□-5UE00	111445.-	3KA844□-4UE00	139950.-	1
1250A$	3KA845□-2UE00	109690.-	3KA845□-5UE00	144570.-	3KA845□-4UE00	168235.-	1
1600A$	3KA846□-2UE00	126500.-	3KA846□-5UE00	160000.-	3KA846□-4UE00	226585.-	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)	575.-	3KX8230-0JF	1410.-	3KX8340-0AF	2070.-	3KX8430-0JF	2935.-	1
		BS			3KX8230-0HF	1410.-			3KX8430-0HF	2935.-	1
	3P	DIN			3KX8230-0JE	1410.-	3KX8340-0AE	2070.-	3KX8430-0JE	2935.-	1
		BS			3KX8230-0HE	1410.-			3KX8430-0HE	2935.-	1
	4P	DIN	3KX8150-0AG 5)	985.-	3KX8230-0JG	1410.-	3KX8340-0AG	2070.-	3KX8430-0JG	2935.-	1
		BS			3KX8230-0HG	1410.-			3KX8430-0HG	2935.-	1
Terminal cover (1set = 2pieces)	2P	–	3KX8151-0AE	295.-	3KX8231-0AF	1200.-	3KX8341-0AF	2255.-	3KX8431-0AF	2645.-	1
	3P	–			3KX8231-0AE	1200.-	3KX8341-0AE	2255.-	3KX8431-0AE	2645.-	1
	4P	–	3KX8151-0AG	1045.-	3KX8231-0AG	1200.-	3KX8341-0AG	2255.-	3KX8431-0AG	2645.-	1
Phase barrier	–	DIN/ BS/ Cylindrical	3KX8153-0AE	115.-	3KX8153-0AE (DIN)	115.-	3KX8343-0AE	360.-	3KX8433-0AE	545.-	1
					3KX8233-0JE (BS)	115.-					1
Fuse cover phase barrier kit 3)			–	–	–	–	3KX8340-9AE	1160.-	3KX8440-9AE	1160.-	1
Auxiliary switch (1NO+1NC)			3SB5400-0A^#	385.-	3KX3522-1YC	1670.-	3KX3552-1YC	2010.-	3KX3582-1YC	2435.-	1
Auxiliary switch (2NO+2NC)			–	–	3KX3522-1YD	3010.-	3KX3552-1YD	4350.-	3KX3582-1YD	4690.-	1
Auxiliary switch cover			3KX8154-0AC	200.-	3KX8234-0AC	200.-	–	–	–	–	1
Front drive (Handle)			8UC6114-1BB00	2060.-	8UC6214-1BB00	2330.-	8UC6314-1BB00	3515.-	8UC6414-1BB00	5140.-	1
Operating shaft (300mm)			8UC6031	570.-	8UC60-32	690.-	8UC6034	1340.-	8UC6034	1340.-	1
Castell interlock 1)^			8UC6070-0YQ..	10765.-	8UC6070-1YQ..	10765.-	8UC6070-2YQ..	11050.-	8UC6070-2YQ..	11050.-	1
Depth setting template			8UC6046-2	120.-	8UC6046-2	120.-	8UC6046-2	120.-	8UC6046-2	120.-	1
Fuse Monitor with auxiliary switch^ (1NO+1NC)			3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	1
			3RV2901-1E	2445.-	3RV2901-1E	2445.-	3RV2901-1E	2445.-	3RV2901-1E	2445.-	1
Fuse safety barrier			3KX8150-1AC	305.-	3KX8230-1AC	395.-	–	–	–	–	1
Gland box with gland plate (1no.)			3KX8235-4DC	10280.-	3KX8235-4DC	10280.-	3KX8345-4DC	14185.-	3KX8435-4DC	21605.-	1
									3KX8435-4DG 4)	35360.-	1
Gland plate			3KX8235-4GC	2180.-	3KX8235-4GC	2180.-	3KX8345-4GC	2825.-	3KX8435-4GC	3140.-	1
									3KX8435-4GG 4)	3170.-	1

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

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

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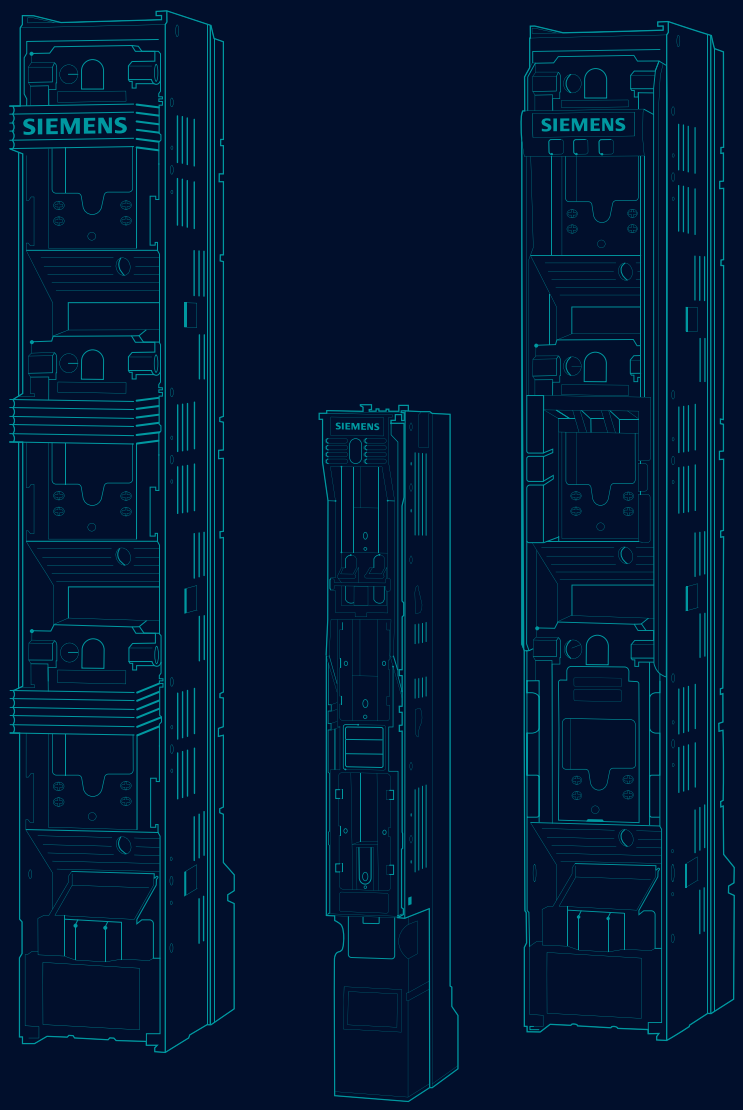


3NJ4 Fuse Switch Disconnectors

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 Dlsconnectors

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	3NJ4101-3BF01-0RC0	POR
	3				3NJ4103-3BF01-0RC0	
250	1		NH1	M10 flat terminal	3NJ4121-3BF01-0RC0	
	3				3NJ4123-3BF01-0RC0	
400	1		NH1, NH2	M12 flat terminal	3NJ4131-3BF01-0RC0	
	3				3NJ4133-3BF01-0RC0	
630	1		NH2, NH3	M12 flat terminal	3NJ4141-3BF01-0RC0	
	3				3NJ4143-3BF01-0RC0	

Accessories for fuse switch disconnector 3NJ4

Busbar connection assembly kits for NH2 and NH3

With flat terminals

Screws	Conductor cross section	Type	Unit LP* ₹
M12	2 x 240mm²	3NJ4911-5AA00-0RC0*	POR
	2 x 300 mm² / 3 x 120 mm²	3NJ4911-5BA00-0RC0*	
M16	1 x 400 mm²	3NJ4911-5CA00-0RC0*	

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	3NJ4912-1AA01-0RC0*	POR

Busbar terminals

Not for devices with transformer installation

Version	Type	Unit LP* ₹
For more rapid mounting of the switch dlsconnectors onto the busbars (1 set = 3 units)	3NJ4911-3BA01-0RC0*	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	3NJ4913-1AA01-0RC0^	POR

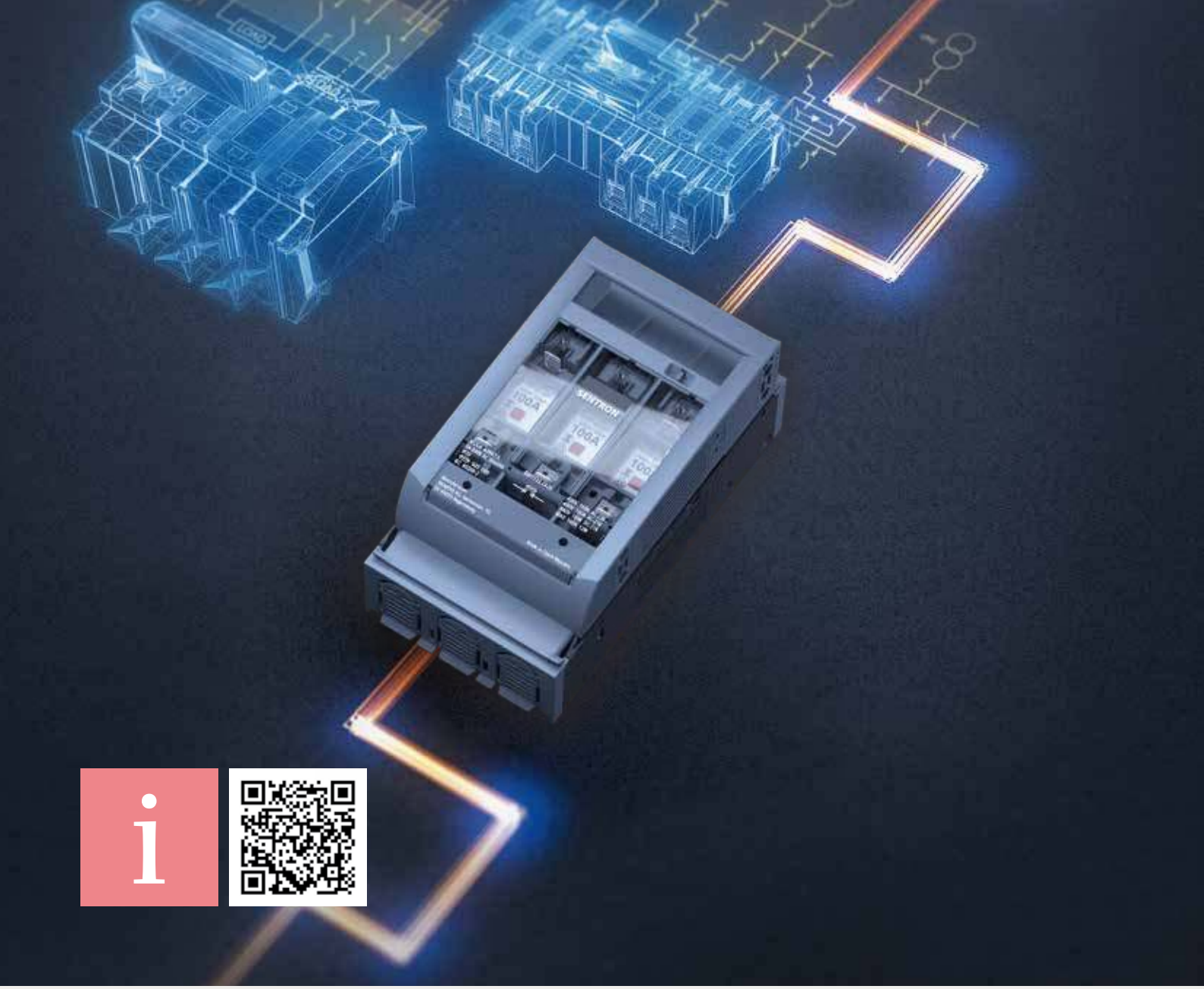
* Applicable to 3NJ412, 3NJ413, 3NJ414

^ 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	7810.-
				3	3NP1123-1CA20	14185.-
				4	3NP1124-1CA20	24775.-
160[2]	00	000,00	Flat	1	3NP1131-1CA10	8220.-
				3	3NP1133-1CA10	14845.-
				4	3NP1134-1CA10	25810.-
250[2]	1	00,1	Flat	1	3NP1141-1DA10	23950.-
				3	3NP1143-1DA10	43420.-
				4	3NP1144-1DA10	71190.-
400[2]	2	1,2	Flat	1	3NP1151-1DA10	32940.-
				3	3NP1153-1DA10	59495.-
				4	3NP1154-1DA10	96290.-
630[2]	3	2,3	Flat	1	3NP1161-1DA10	43835.-
				3	3NP1163-1DA10	79720.-
				4	3NP1164-1DA10	127760.-

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	27355.-
				3	3NP1123-1CA24	42335.-
160[2]	00	000,00	Flat	1	3NP1131-1CA14	26125.-
				3	3NP1133-1CA14	42725.-
250[2]	1	00,1	Flat	1	3NP1141-1DA14	43470.-
				3	3NP1143-1DA14	71190.-
400[2]	2	1,2	Flat	1	3NP1151-1DA14	52835.-
				3	3NP1153-1DA14	88040.-
630[2]	3	2,3	Flat	1	3NP1161-1DA14	63700.-
				3	3NP1163-1DA14	107540.-

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

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

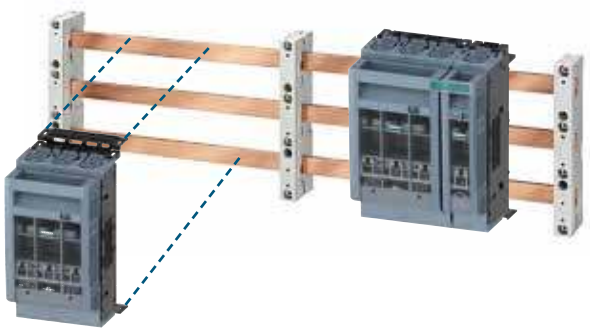
3NP1 mounting on 8US busbar

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

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles[4)]	Type	Unit LP* ₹
100[1)]	000	000	Box	3	3NP1123-1BC20	21005.-
				4	3NP1124-1BC20	34985.-
160[2)]	00	00	Flat	3	3NP1133-1BC10	22535.-
				4	3NP1134-1BC10	37705.-
250[2)]	1	1	Flat	3	3NP1143-1BC10	71870.-
				4	3NP1144-1BC10	112020.-
400[2)]	2	2	Flat	3	3NP1153-1BC10	92880.-
				4	3NP1154-1BC10	145740.-
630[2)]	3	3	Flat	3	3NP1163-1BC10	117900.-
				4	3NP1164-1BC10	187010.-

8US busbar system



Accessories for 3NP1

Auxillary contact (1CO type)

3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	3270.-
00	3NP1930-1FA00	3270.-
1,2,3	3NP1940-1FA00	3550.-

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

3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	4120.-
		3	3NP1923-1BD00	9205.-

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

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

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

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

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

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

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□	6155.-
	25	9.5	3LD2103-0TK5□	6810.-
	32	11.5	3LD2203-0TK5□	7600.-
	63	22	3LD2504-0TK5□	13000.-
	100	37	3LD2704-0TK5□	19700.-
	125	45	3LD2804-0TK5□	25120.-
	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□	5490.-
	25	9.5	3LD2122-0TK1□	6030.-
	32	11.5	3LD2222-0TK1□	7315.-

□ - 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	13490.-
	32	11.5	3LD2223-7UK01	14760.-
	63	22	3LD2524-7UK01	24395.-
	100	37	3LD2724-7UK01	45370.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

Changeover switch with knob Operated MechanismIn moulded plastic enclosure

No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD21657UB01	21600.-
	32	11.5	3LD22657UB01	24545.-
	63	22	3LD25667UB01	53255.-
	100	37	3LD27667UB01	91750.-

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□	9860.-
	25	9.5	3LD2113-0TK5□	10950.-
	32	11.5	3LD2213-0TK5□	12065.-
	63	22	3LD2514-0TK5□	14485.-
	100	37	3LD2714-0TK5□	23790.-
	125	45	3LD2814-0TK5□	29710.-
	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□	8780.-
	25	9.5	3LD2164-0TB5□	9515.-
	32	11.5	3LD2264-0TB5□	11310.-
	63	22	3LD2565-0TB5□	18720.-
	100	37	3LD2766-0TB5□	42545.-
	125	45	3LD2866-0TB5□	77010.-

□ - 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	2780.-	1
		3LD25 (63A)	3LD9250-0BA	4075.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	5045.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1
	N or PE terminal Continous	3LD20 (16A)	3LD9200-2B	1855.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	2120.-	1
		3LD25 (63A)	3LD9250-2BA	2790.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	3385.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-2B	POR	1
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5B	3085.-	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	2780.-	1
		3LD25 (63A)	3LD9250-0CA	4075.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0C	5045.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0C	POR	1
	N or PE terminal Continous	3LD20 (16A)	3LD9200-2C	2500.-	1
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	2120.-	1
		3LD25 (63A)	3LD9250-2CA	2790.-	1
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	3385.-	1
		3LD23 (160A) and 3LD24 (250A)	3LD9240-2C	POR	1
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5C	2930.-	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	950.-	4
	3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	880.-	4
	3 pole	3LD25 (63A)	3LD9251-0A	985.-	4
	1 pole	3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	475.-	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	5150.-	10
		30	3LA0601-1YB	11950.-	5
	System selector	5.5	3LA0202-1YA	5880.-	10
		30	3LA0602-1YB	16715.-	5
	Reversing	5.5	3LA0203-1YA	5880.-	10
		30	3LA0603-1YB	16715.-	5
	Star-delta	12	3LA0204-5YA	8285.-	10
		30	3LA0604-1YB	22760.-	5
	2 speed pole changing i) Separate windings	5.5	3LA0205-2YA	5880.-	10
	ii) Dahlander	5.5	3LA0205-1YA	7915.-	10
	Reversing pole changing	5.5	3LA0205-3YA	11365.-	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	320.-	10
Machine handle – Black	3LX0 611-2YA	840.-	10
Indicating dial for size 2	3LX0 220-1YA	240.-	10
Indicating dial for size 6	3LX0 620-1YA	240.-	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	240.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	220.-	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	3525.-	10
	63	52	3LA0605-1YB	8475.-	5
4	25	16	3LA0205-5YA	5880.-	10
	63	52	3LA0605-2YB	15455.-	5

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

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

SIVACON

Technolgy 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

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

SIEMENS

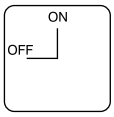
3LD4 Control Switches

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

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

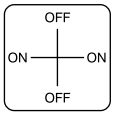
ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1AA00-0RC0	1 Pole	310.-	595.-	715.-	750.-	780.-	955.-	1220.-	1425.-	7455.-	1
3LD4 ___ 2AA00-0RC0	2 Pole	400.-	670.-	805.-	895.-	935.-	1110.-	1465.-	1825.-	9305.-	
3LD4 ___ 3AA00-0RC0	3 Pole	435.-	805.-	945.-	1030.-	1220.-	1365.-	1710.-	2450.-	11455.-	
3LD4 ___ 4AA00-0RC0	4 Pole	535.-	870.-	1020.-	1225.-	1505.-	1615.-	1960.-	2950.-	13420.-	

90° Operation with complete rotation

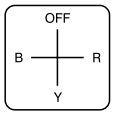


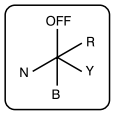
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-0RC0	1 Pole	305.-	595.-	715.-	750.-	755.-	945.-	1215.-	1420.-	7455.-	1
3LD4 ___ 2BC00-0RC0	2 Pole	400.-	670.-	805.-	895.-	935.-	1110.-	1465.-	1825.-	9305.-	
3LD4 ___ 3BC00-0RC0	3 Pole	435.-	805.-	945.-	1030.-	1220.-	1365.-	1710.-	2450.-	11455.-	
3LD4 ___ 4BC00-0RC0	4 Pole	535.-	870.-	1020.-	1225.-	1505.-	1615.-	1960.-	2950.-	13420.-	

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

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



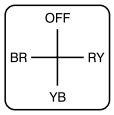


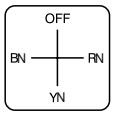
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	655.-	1
	10A	3LD41024DC200RC0	785.-	
	16A	3LD41034DC200RC0	1000.-	
	20A	3LD41044DC200RC0	1115.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	650.-	
	10A	3LD41024DD200RC0	780.-	
	16A	3LD41034DD200RC0	985.-	
	20A	3LD41044DD200RC0	1245.-	

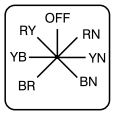
* LP - List Price

3LD4 Control Switches

Voltmeter Selector Switch (VSS)



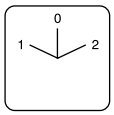




Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	485.-	1
	10A	3LD41024DC300RC0	715.-	
	16A	3LD41034DC300RC0	915.-	
	20A	3LD41044DC300RC0	1030.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	855.-	
	10A	3LD41024DC310RC0	955.-	
	16A	3LD41034DC310RC0	1225.-	
	20A	3LD41044DC310RC0	1360.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	855.-	
	10A	3LD41024DF300RC0	1425.-	
	16A	3LD41034DF300RC0	1695.-	
	20A	3LD41044DF300RC0	1845.-	

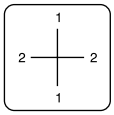
Changeover Switch

With OFF (60°)



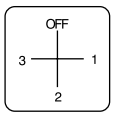
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-0RC0	1P 2W	400.-	730.-	895.-	925.-	945.-	1045.-	1420.-	1925.-	9625.-	1
3LD4 ___ 2BB10-0RC0	2P 2W	535.-	895.-	1020.-	1200.-	1275.-	1495.-	1940.-	2910.-	14080.-	
3LD4 ___ 3BB10-0RC0	3P 2W	655.-	1110.-	1360.-	1670.-	1935.-	2085.-	2450.-	3920.-	18220.-	
3LD4 ___ 4BB10-0RC0	4P 2W	805.-	1225.-	1560.-	2040.-	2570.-	2700.-	3000.-	4955.-	23230.-	

Without OFF (90°)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-0RC0	1P 2W	400.-	730.-	895.-	915.-	945.-	1045.-	1420.-	1925.-	9625.-	1
3LD4 ___ 2PC10-0RC0	2P 2W	535.-	895.-	1020.-	1200.-	1275.-	1495.-	1940.-	2910.-	14080.-	
3LD4 ___ 3PC10-0RC0	3P 2W	655.-	1110.-	1360.-	1670.-	1935.-	2085.-	2450.-	3920.-	18220.-	
3LD4 ___ 4PC10-0RC0	4P 2W	805.-	1225.-	1560.-	2040.-	2570.-	2700.-	3000.-	4955.-	23230.-	

Phase Changeover Switch (PCS)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-0RC0	1P 3W	485.-	650.-	755.-	895.-	915.-	1130.-	1655.-	1855.-	7915.-	1

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

* LP - List Price

3LD4 Control Switches

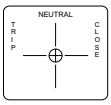
Breaker Control Switch

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

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

Product Features

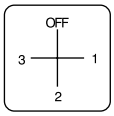
- Pistol grip handle for easy operation
- Spring return operation
- High electrical &mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1



Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-0RC0	2650.-	1
	32A	3LD4206-2BB50-0RC0	3130.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-0RC0	3195.-	
	32A	3LD4206-4BB50-0RC0	3725.-	

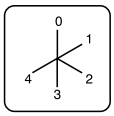
Multistep Switch

Multistep 3 Way with OFF



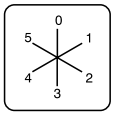
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC40-0RC0	1P 3W	485.-	805.-	935.-	955.-	1020.-	1135.-	1615.-	1825.-	9305.-	1
3LD4 ___ 2CC40-0RC0	2P 3W	655.-	945.-	1135.-	1360.-	1550.-	1660.-	2400.-	2695.-	14495.-	
3LD4 ___ 3CC40-0RC0	3P 3W	945.-	1255.-	1925.-	2055.-	2300.-	2495.-	3190.-	4165.-	18950.-	
3LD4 ___ 4CC40-0RC0	4P 3W	1215.-	1625.-	2330.-	2550.-	2860.-	3145.-	4280.-	4985.-	23930.-	

Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1DD40-0RC0	1P 4W	550.-	720.-	1360.-	1475.-	1625.-	1810.-	2045.-	2780.-	8230.-	1
3LD4 ___ 2DD40-0RC0	2P 4W	945.-	1365.-	1605.-	1650.-	1715.-	1985.-	2570.-	3245.-	12710.-	
3LD4 ___ 3DD40-0RC0	3P 4W	1320.-	1835.-	2545.-	2675.-	2860.-	3280.-	4385.-	4985.-	35020.-	

Multistep 5 Way with OFF

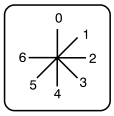


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1EE40-0RC0	1P 5W	620.-	1155.-	1560.-	1760.-	2035.-	2055.-	2545.-	2975.-	8755.-	1
3LD4 ___ 2EE40-0RC0	2P 5W	1110.-	1790.-	2075.-	2400.-	2770.-	3245.-	3345.-	4180.-	12705.-	

* LP - List Price

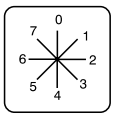
Multistep Switch

Multistep 6 Way with OFF



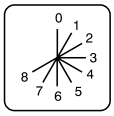
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-0RC0	1P 6W	800.-	1300.-	1505.-	1655.-	1810.-	2110.-	2165.-	3505.-	1
3LD4 ___ 2FF40-0RC0	2P 6W	1320.-	1940.-	2180.-	2465.-	2780.-	3365.-	4300.-	5630.-	

Multistep 7 Way with OFF



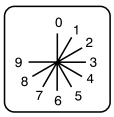
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-0RC0	1P 7W	805.-	1330.-	1650.-	1805.-	2055.-	2155.-	2245.-	3485.-	1

Multistep 8 Way with OFF



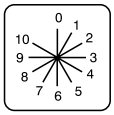
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-0RC0	1P 8W	920.-	1130.-	1615.-	1875.-	1

Multistep 9 Way with OFF



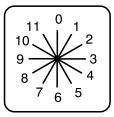
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-0RC0	1P 9W	945.-	1375.-	1670.-	1985.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-0RC0	1P 10W	1110.-	1460.-	2245.-	3015.-	1

Multistep 11 Way with OFF



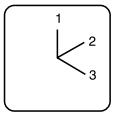
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-0RC0	1P 11W	1320.-	1580.-	2465.-	3245.-	1

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

* LP - List Price

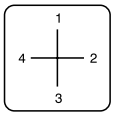
Multistep Switch

Multistep 3 Way without OFF



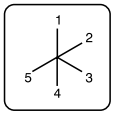
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-0RC0	1P 3W	410.-	710.-	860.-	870.-	1090.-	1120.-	1740.-	1960.-	7360.-	1
3LD4 ___ 2QB40-0RC0	2P 3W	595.-	1070.-	1210.-	1330.-	1430.-	1470.-	2180.-	2575.-	13175.-	
3LD4 ___ 3QB40-0RC0	3P 3W	860.-	1330.-	1805.-	1930.-	2090.-	2270.-	3185.-	3785.-	14150.-	
3LD4 ___ 4QB40-0RC0	4P 3W	1105.-	1475.-	2095.-	2375.-	2640.-	2810.-	6190.-	6835.-	15170.-	

Multistep 4 Way without OFF



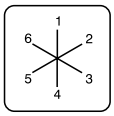
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-0RC0	1P 4W	470.-	775.-	1050.-	1130.-	1300.-	1370.-	1885.-	2630.-	8970.-	1
3LD4 ___ 2RC40-0RC0	2P 4W	665.-	1110.-	1235.-	1420.-	1540.-	1685.-	2270.-	2950.-	13850.-	
3LD4 ___ 3RC40-0RC0	3P 4W	910.-	1090.-	1960.-	2170.-	2455.-	2725.-	2965.-	3960.-	18260.-	

Multistep 5 Way without OFF



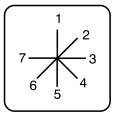
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-0RC0	1P 5W	620.-	890.-	1230.-	1420.-	1615.-	1985.-	2545.-	3255.-	8710.-	1
3LD4 ___ 2SD40-0RC0	2P 5W	1110.-	1505.-	1695.-	2180.-	2550.-	2750.-	3530.-	4475.-	12530.-	

Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1TE40-0RC0	1P 6W	650.-	800.-	1550.-	1655.-	1810.-	2055.-	2405.-	3045.-	14495.-	1
3LD4 ___ 2TE40-0RC0	2P 6W	1255.-	1525.-	2085.-	2615.-	3200.-	3290.-	3345.-	4270.-	28915.-	

Multistep 7 Way without OFF

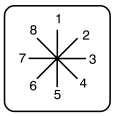


Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1UF40-0RC0	1P 7W	800.-	1020.-	1175.-	1625.-	2145.-	2150.-	2570.-	3825.-	1

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF

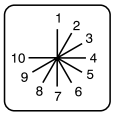


Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1VG40-0RC0	1P 8W	**805.-**	**1590.-**	**1755.-**	**1875.-**	**1**

Multistep 9 Way without OFF

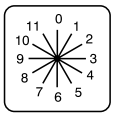
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1WH40-0RC0	1P 9W	**945.-**	**1650.-**	**2785.-**	**3465.-**	**1**

Multistep 10 Way without OFF



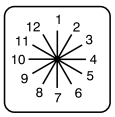
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1XJ40-0RC0	1P 10W	**1020.-**	**1680.-**	**3090.-**	**4165.-**	**1**

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1YK40-0RC0	1P 11W	**1055.-**	**1715.-**	**3330.-**	**4395.-**	**1**

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1ZL40-0RC0	1P 12W	**1155.-**	**1755.-**	**3465.-**	**4445.-**	**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-***001***1RC40-0RC0

* LP - List Price

SENTRON measuring devices

A comprehensive portfolio for all your energy management needs

- Precise, accurate and reliable measurement
- Scalability
- Cyber Security
- Various communication protocols

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 4220: 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#**	**POR**
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#**	**POR**
PAC 4220 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 PAC4220)

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

PAC EXPANSION Modules

7KM PAC 3220

7KM PAC4220

MODBUS RTU

PROFINET

PROFIBUS DP

I(N), I(Diff), Analog

PAC 4DI/2DO

(B) Software Solution

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

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

Easy installation
DIN rail mounting

Plug & operate
low engineering effort

Energy monitoring
base for ISO 50001
compliant with ISO50001

Condition monitoring
predictive maintenance

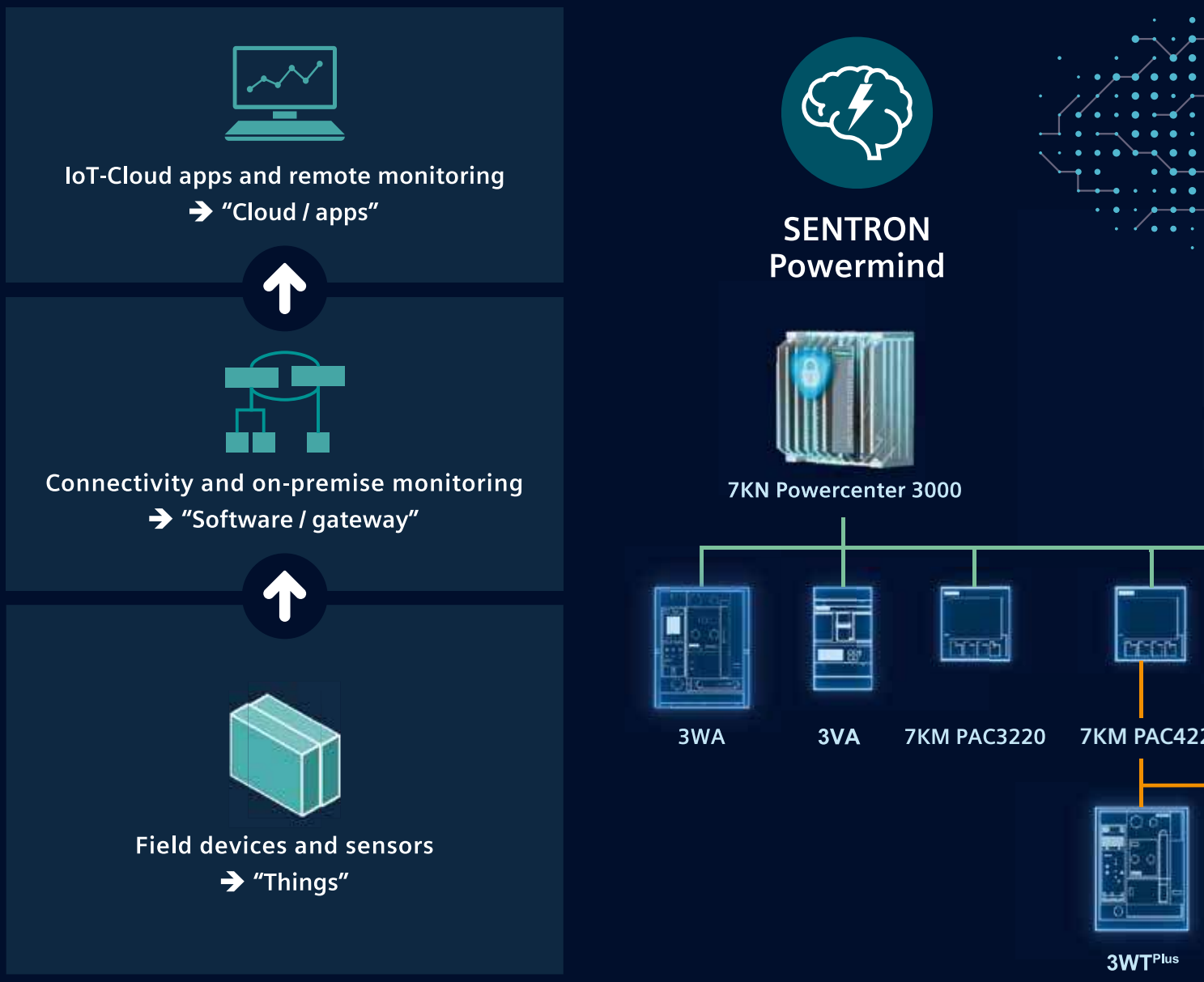
Alarming & notifications
fast fault localization

Secure access
comprehensive security concept

SENTRON Powercenter 3000

Your easy entry into power and condition monitoring

SIEMENS



* Connect the SIMOCODE to POC3000 via OPC UA

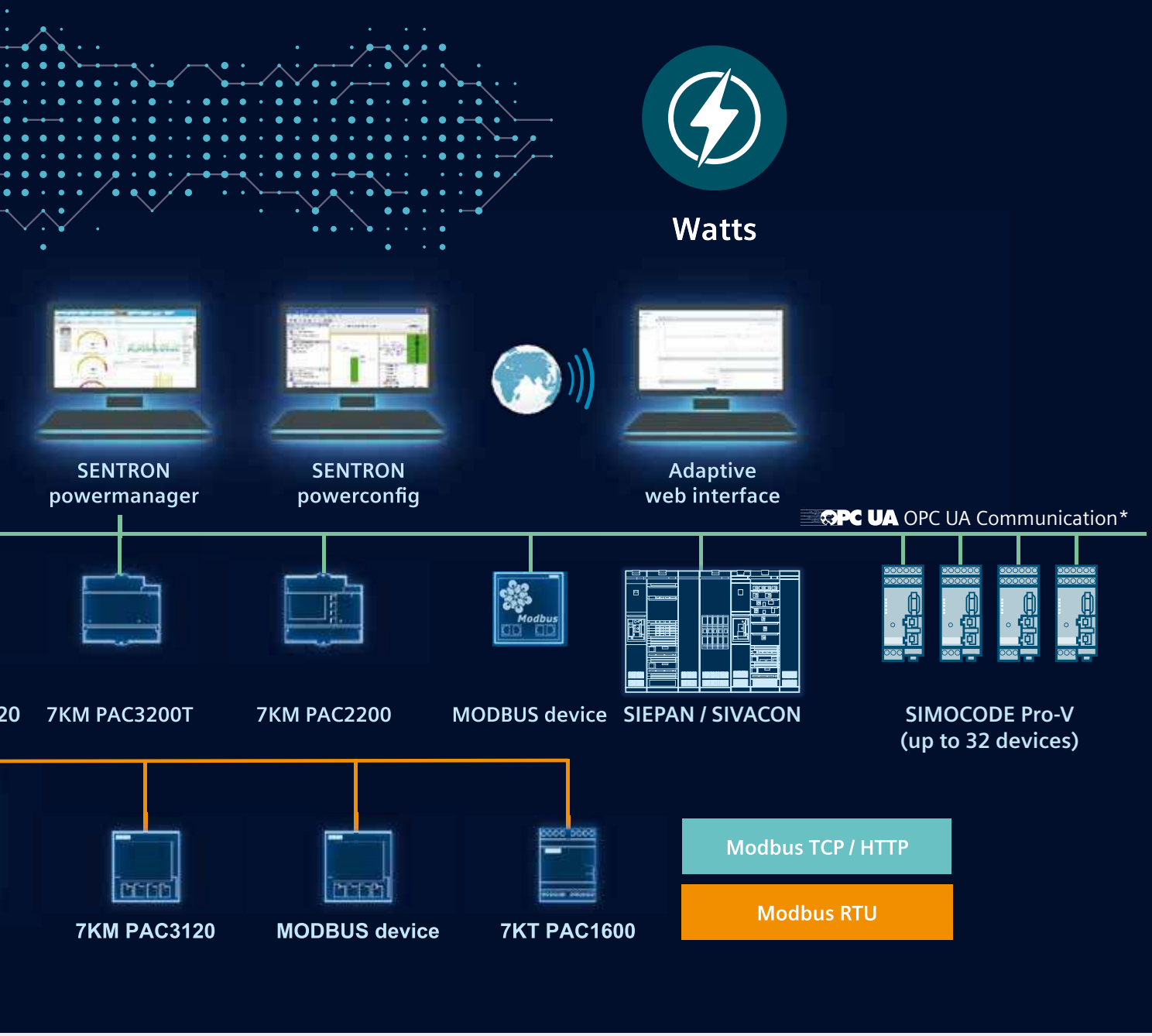
SENTRON Digitalization Solution

Sustainability through energy and resource efficiency

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


Watts
SENTRON powermanager
SENTRON powerconfig
Adaptive web interface
OPC UA OPC UA Communication*
20
7KM PAC3200T
7KM PAC2200
MODBUS device
SIEPAN / SIVACON
SIMOCODE Pro-V (up to 32 devices)
7KM PAC3120
MODBUS device
7KT PAC1600
Modbus TCP / HTTP
Modbus RTU

SIEMENS

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

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

Sustainability

Lower energy consumption and PUE with accurate energy monitoring

SENTRON 7KT PAC1200
Multichannel current measuring system

Scale sustainability impact by optimizing energy consumption

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

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

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

Modular and simple installation
- Flexible sensor bars (3,6,9,12) and current sensors (40A, 63A) to record up to 96 circuits in one system
- Current sensors simply plug onto the sensor bars, eliminating extensive wiring

SIEMENS

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	5950.-
VA meter	7KT0110	5465.-
3 phase energy meter	7KT0210	11860.-

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	29250.-
LCD Class 1	7KT0310	24440.-

Basic Multi Function Meter

Description	Type	Unit LP ₹
Multi-line LED Class 1	7KT0308	18190.-
Single-line LED Class 1	7KT0307	12125.-

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

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	7910.-

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

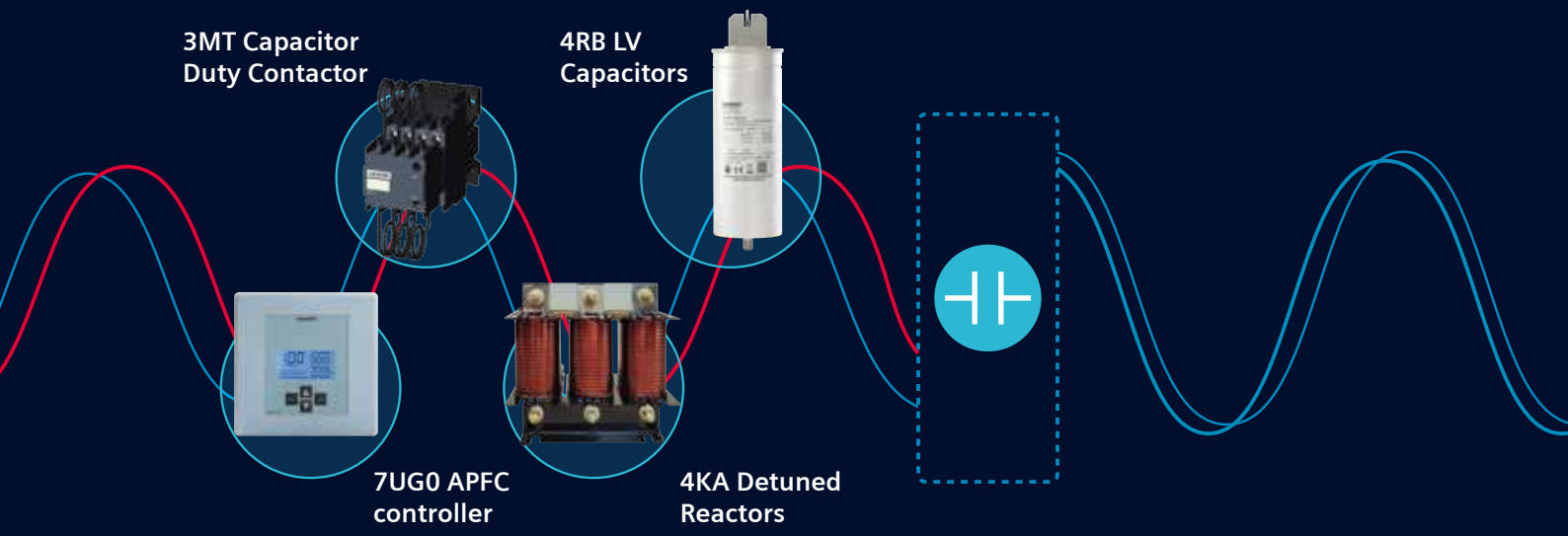
Description	Type	Unit LP ₹
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 60 - 300V AC/DC	7KT0810	33005.-
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 12 - 70V DC	7KT0811	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt: 60 - 300V AC/DC	7KT0820	
Multichannel; Class 1; Main volt:61 - 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	1330.-
External Shunt for DC meter/ 100A/60mV	7KT0922	1660.-
External Shunt for DC meter/ 100A/75mV	7KT0923	1660.-
External Shunt for DC meter/ 150A/75mV	7KT0924	2065.-
External Shunt for DC meter/ 200A/60mV	7KT0925	3670.-

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

Power Factor Correction



SIEMENS

SIECAP™ LV Power Capacitors

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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	4925.-	1
	6	4RB2060-3EE52-8K	5260.-	1
	7	4RB2070-3EE52-8K	6140.-	1
	7.5	4RB2075-3EE52-8K	7090.-	1
	8.3	4RB2083-3EE52-8K	7040.-	1
	10	4RB2100-3EE52-8K	8070.-	1
	12.5	4RB2125-3EE52-8K	9475.-	1
	15	4RB2150-3EE52-8K	11365.-	1
	20	4RB2200-3EE52-8K	15095.-	1
	20.8	4RB2208-3EE52-8K	15740.-	1
	25	4RB2250-3EE52-8K	18905.-	1
	28	4RB2280-3EE52-8K	21170.-	1
	30	4RB2300-3EE52-8K	22700.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	4535.-	1
	5.5	4RB2055-3EJ52-8K	5020.-	1
	10.4	4RB2104-3EJ52-8K	8945.-	1
	11.1	4RB2111-3EJ52-8K	9720.-	1
	12.5	4RB2125-3EJ52-8K	9960.-	1
	20.8	4RB2208-3EJ52-8K	16560.-	1
	25	4RB2250-3EJ52-8K	19895.-	1
	27.7	4RB2277-3EJ52-8K	22055.-	1
	30	4RB2300-3EJ52-8K	23900.-	1

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

Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	5785.-	1
	7.5	4RB2075-3EB53-8K	9020.-	1
	10.4	4RB2104-3EB53-8K	10660.-	1
	12.5	4RB2125-3EB53-8K	11555.-	1
	15	4RB2150-3EB53-8K	13880.-	1
	20	4RB2200-3EB53-8K	18500.-	1
	25	4RB2250-3EB53-8K	23125.-	1
440	5	4RB2050-3EE53-8K	5950.-	1
	7.5	4RB2075-3EE53-8K	8975.-	1
	10	4RB2100-3EE53-8K	10235.-	1
	12.5	4RB2125-3EE53-8K	11555.-	1
	15	4RB2150-3EE53-8K	13880.-	1
	20	4RB2200-3EE53-8K	18500.-	1
	25	4RB2250-3EE53-8K	23125.-	1
	30	4RB2300-3EE53-8K	27730.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	5950.-	1
	6.3	4RB2063-3EJ53-8K	6715.-	1
	10.4	4RB2104-3EJ53-8K	9965.-	1
	11	4RB2110-3EJ53-8K	10550.-	1
	12.5	4RB2125-3EJ53-8K	11980.-	1
	13.8	4RB2138-3EJ53-8K	13225.-	1
	15	4RB2150-3EJ53-8K	14370.-	1
	16.7	4RB2167-3EJ53-8K	15990.-	1
	18.7	4RB2187-3EJ53-8K	17905.-	1
	20	4RB2200-3EJ53-8K	19175.-	1
	22	4RB2220-3EJ53-8K	21060.-	1
	25	4RB2250-3EJ53-8K	23940.-	1
	28.1	4RB2281-3EJ53-8K	26915.-	1
	30	4RB2300-3EJ53-8K	28715.-	1
525	5	4RB2050-3FC53-8K	6140.-	1
	6.3	4RB2063-3FC53-8K	7440.-	1
	8.3	4RB2083-3FC53-8K	9055.-	1
	10.4	4RB2104-3FC53-8K	10300.-	1
	12.5	4RB2125-3FC53-8K	12395.-	1
	13.2	4RB2132-3FC53-8K	13085.-	1
	15	4RB2150-3FC53-8K	14855.-	1
	16.7	4RB2167-3FC53-8K	16570.-	1
	20	4RB2200-3FC53-8K	19810.-	1
	25	4RB2250-3FC53-8K	24760.-	1
	26.5	4RB2265-3FC53-8K	26255.-	1
	30	4RB2300-3FC53-8K	29735.-	1
	33.1	4RB2331-3FC53-8K	32790.-	1

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Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	8605.-	1
	6.3	4RB1063-3EB50-8K	10735.-	1
	7.5	4RB1075-3EB50-8K	12785.-	1
	10.4	4RB1104-3EB50-8K	11825.-	1
	12.5	4RB1125-3EB50-8K	14005.-	1
	15	4RB1150-3EB50-8K	16810.-	1
	20	4RB1200-3EB50-8K	22420.-	1
	25	4RB1250-3EB50-8K	28020.-	1
	28.1	4RB1281-3EB50-8K	31470.-	1
	30	4RB1300-3EB50-8K	33620.-	1
	33	4RB1330-3EB50-8K	36985.-	1
440	5	4RB1050-3EE50-8K	8370.-	1
	7.5	4RB1075-3EE50-8K	12725.-	1
	10	4RB1100-3EE50-8K	11375.-	1
	10.4	4RB1104-3EE50-8K	11825.-	1
	12.5	4RB1125-3EE50-8K	14005.-	1
	15	4RB1150-3EE50-8K	16810.-	1
	16.7	4RB1167-3EE50-8K	18715.-	1
	20	4RB1200-3EE50-8K	22420.-	1
	25	4RB1250-3EE50-8K	28020.-	1
	28.1	4RB1281-3EE50-8K	31470.-	1
	30	4RB1300-3EE50-8K	33620.-	1
	33.1	4RB1331-3EE50-8K	37085.-	1
480	5	4RB1050-3EJ50-8K	8935.-	1
	6.3	4RB1063-3EJ50-8K	10680.-	1
	8.3	4RB1083-3EJ50-8K	10375.-	1
	10.4	4RB1104-3EJ50-8K	11435.-	1
	11	4RB1111-3EJ50-8K	12780.-	1
	12.5	4RB1125-3EJ50-8K	14510.-	1
	13.8	4RB1138-3EJ50-8K	16030.-	1
	15	4RB1150-3EJ50-8K	17420.-	1
	16.7	4RB1167-3EJ50-8K	19375.-	1
	18.7	4RB1187-3EJ50-8K	21700.-	1
	20	4RB1200-3EJ50-8K	23225.-	1
	22	4RB1220-3EJ50-8K	25525.-	1
	25	4RB1250-3EJ50-8K	28990.-	1
	28.1	4RB1281-3EJ50-8K	32610.-	1
	30	4RB1300-3EJ50-8K	34805.-	1
	31	4RB1310-3EJ50-8K	35975.-	1
	33	4RB1330-3EJ50-8K	38310.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	9095.-	1
	6.3	4RB1063-3FC50-8K	10680.-	1
	8.3	4RB1083-3FC50-8K	10370.-	1
	10.4	4RB1104-3FC50-8K	11435.-	1
	12.5	4RB1125-3FC50-8K	15010.-	1
	13.2	4RB1132-3FC50-8K	15850.-	1
	15	4RB1150-3FC50-8K	18005.-	1
	16.7	4RB1167-3FC50-8K	20065.-	1
	20	4RB1200-3FC50-8K	24000.-	1
	25	4RB1250-3FC50-8K	30020.-	1
	26.5	4RB1265-3FC50-8K	31825.-	1
	30	4RB1300-3FC50-8K	36030.-	1
	33.1	4RB1331-3FC50-8K	39740.-	1
690	5.3	4RB1053-3GK50-8K	9845.-	1
	6.9	4RB1068-3GK50-8K	12230.-	1
	10.4	4RB1104-3GK50-8K	11825.-	1
	12.5	4RB1125-3GK50-8K	15515.-	1
	14.6	4RB1146-3GK50-8K	18120.-	1
	20	4RB1200-3GK50-8K	24810.-	1
	25	4RB1250-3GK50-8K	31025.-	1

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Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

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

Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	**4KA1220-1AC01-0AA0**	**42490.-**
10kvar	5.67%	**4KA1220-3AC01-0AA0**	**47940.-**
12.5kvar	5.67%	**4KA1220-4AC01-0AA0**	**52480.-**
15kvar	5.67%	**4KA1220-5AC01-0AA0**	**70045.-**
20kvar	5.67%	**4KA1220-6AC01-0AA0**	**72925.-**
25kvar	5.67%	**4KA1220-7AC01-0AA0**	**74495.-**
5kvar	7%	**4KA1220-1AA01-0AA0**	**32620.-**
10kvar	7%	**4KA1220-3AA01-0AA0**	**44755.-**
12.5kvar	7%	**4KA1220-4AA01-0AA0**	**48320.-**
15kvar	7%	**4KA1220-5AA01-0AA0**	**55790.-**
20kvar	7%	**4KA1220-6AA01-0AA0**	**59430.-**
25kvar	7%	**4KA1220-7AA01-0AA0**	**62545.-**
50kvar	7%	**4KA1220-2BA01-0AA0**	**111430.-**
75kvar	7%	**4KA1220-3BA03-0AA0**	**156275.-**
100kvar	7%	**4KA1220-4BA03-0AA0**	**196705.-**
5kvar	14%	**4KA1220-1AB01-0AA0**	**42950.-**
12.5kvar	14%	**4KA1220-4AB01-0AA0**	**88765.-**
15kvar	14%	**4KA1220-5AB01-0AA0**	**84415.-**
20kvar	14%	**4KA1220-6AB01-0AA0**	**103820.-**
25kvar	14%	**4KA1220-7AB01-0AA0**	**124230.-**
50kvar	14%	**4KA1220-2BB01-0AA0**	**203350.-**
75kvar	14%	**4KA1220-3BB03-0AA0**	**334550.-**
100kvar	14%	**4KA1220-4BB03-0AA0**	**401890.-**

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	**4KA1420-1AC01-0AA0**	**23480.-**
10kvar	5.67%	**4KA1420-3AC01-0AA0**	**30930.-**
12.5kvar	5.67%	**4KA1420-4AC01-0AA0**	**35375.-**
15kvar	5.67%	**4KA1420-5AC01-0AA0**	**41520.-**
20kvar	5.67%	**4KA1420-6AC01-0AA0**	**51630.-**
25kvar	5.67%	**4KA1420-7AC01-0AA0**	**53585.-**
50kvar	5.67%	**4KA1420-2BC01-0AA0**	**84205.-**
5kvar	7%	**4KA1420-1AA01-0AA0**	**25820.-**
10kvar	7%	**4KA1420-3AA01-0AA0**	**33230.-**
12.5kvar	7%	**4KA1420-4AA01-0AA0**	**36745.-**
15kvar	7%	**4KA1420-5AA01-0AA0**	**41410.-**
20kvar	7%	**4KA1420-6AA01-0AA0**	**44100.-**
25kvar	7%	**4KA1420-7AA01-0AA0**	**47170.-**
50kvar	7%	**4KA1420-2BA01-0AA0**	**81110.-**
75kvar	7%	**4KA1420-3BA03-0AA0**	**115205.-**
100kvar	7%	**4KA1420-4BA03-0AA0**	**144110.-**
5kvar	14%	**4KA1420-1AB01-0AA0**	**34470.-**
10kvar	14%	**4KA1420-3AB01-0AA0**	**58690.-**
12.5kvar	14%	**4KA1420-4AB01-0AA0**	**69595.-**
15kvar	14%	**4KA1420-5AB01-0AA0**	**73085.-**
20kvar	14%	**4KA1420-6AB01-0AA0**	**88890.-**
25kvar	14%	**4KA1420-7AB01-0AA0**	**101530.-**
50kvar	14%	**4KA1420-2BB01-0AA0**	**162805.-**

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..	4055.-	1NC	3MT70002JA016A..	4055.-	1
NEW 5kvar	1NO	3MT70005JA106A..	4490.-	1NC	3MT70005JA016A..	4490.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	4945.-	2NC	3MT70007JA026A..	4945.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	6155.-	2NC	3MT70010JA026A..	6155.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	6290.-	2NC	3MT70012JA026A..	6290.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	8330.-	2NC	3MT70016JA026A..	8330.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	9265.-	2NC	3MT70020JA026A..	9265.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	10620.-	2NC	3MT70025JA026A..	10620.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	16095.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	25980.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	30415.-				1
60kvar	1NO+2NC	3MT70060JA126A..	32325.-				1
80kvar	1NO+2NC	3MT70080JA126A..	39680.-				1
100kvar	1NO+2NC	3MT70100JA126A..	41240.-				1

@ Please enter coil codes from table below

Coil for Conatctors 2.5 to 60 kvar

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

Coil for Contactors 80 and 100 kvar

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

Spares for 3MT7 Contactors

Contactor Coils	Type@	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	1215.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1430.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	3690.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4025.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	905.-	10
2NC	3MT70200CL09M1A	905.-	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

7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	35670.-	1
	12 Stage with LCD display	7UG0572-1GT20	38210.-	1
	12 stage with LED display	7UG0572-1GT21	21845.-	1

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

Siemens Reyrolle Protection Relays

Relays for every application

Applications

- Feeder Protection
- Motor Protection
- Transformer Protection

Features

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

www.siemens.com/Reyrolle

SIEMENS

Portfolio Overview

Feeder Protection

Fixed

Non-Directional

7SR1002 / 3

Directional

7SR1004

Drawout

Non-Directional

7SR11

Directional

7SR12

Motor Protection

Non-Directional | Fixed

7SR105

Directional | Drawout

7SR17

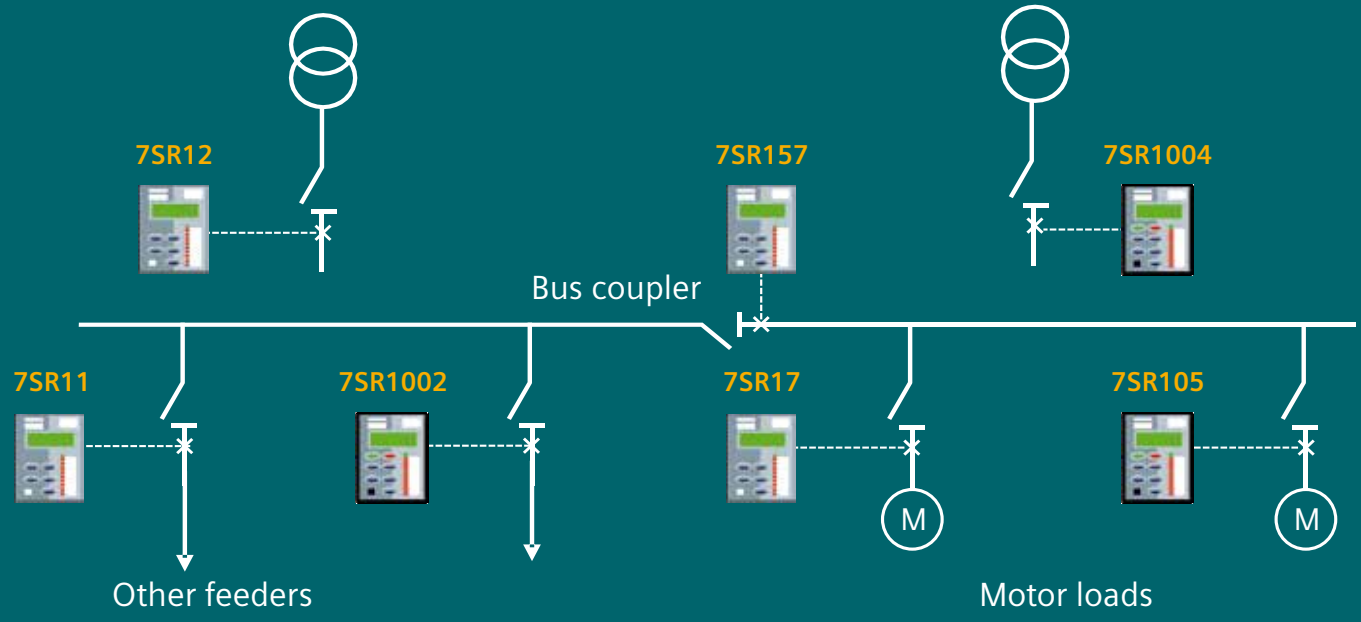
Transformer Protection

Directional | Drawout

7SR242

Check synchronizing

7SR157



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

7SR Numerical Relays

		Description	Type *	Unit LP ₹
Feeder Protection		**Non Drawout | Non Directional** overcurrent relay | 6 BI 6 BOs | **Measuring current input:** 1/5A | **Auxiliary voltage:** 60 to 240V AC/DC | **BI Threshold:** 44V AC/DC | **Communication:** Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 **Protection Functions: 46BC, 46NPS, 49, 50, 51, 50G/N, 51G/N, 50/51 SEF, 74T/CCS, 81THD, 86**	7SR1003-1LA20-2CA0	173465.-
		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	300535.-
		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	292850.-
		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	326660.-
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	251785.-

*** 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	22270.-
		Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	22270.-
		Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	22270.-
		Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	22270.-
		Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	44730.-
		Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	44730.-
Trip Relays		Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	22270.-
		Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	22270.-
		TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	40850.-

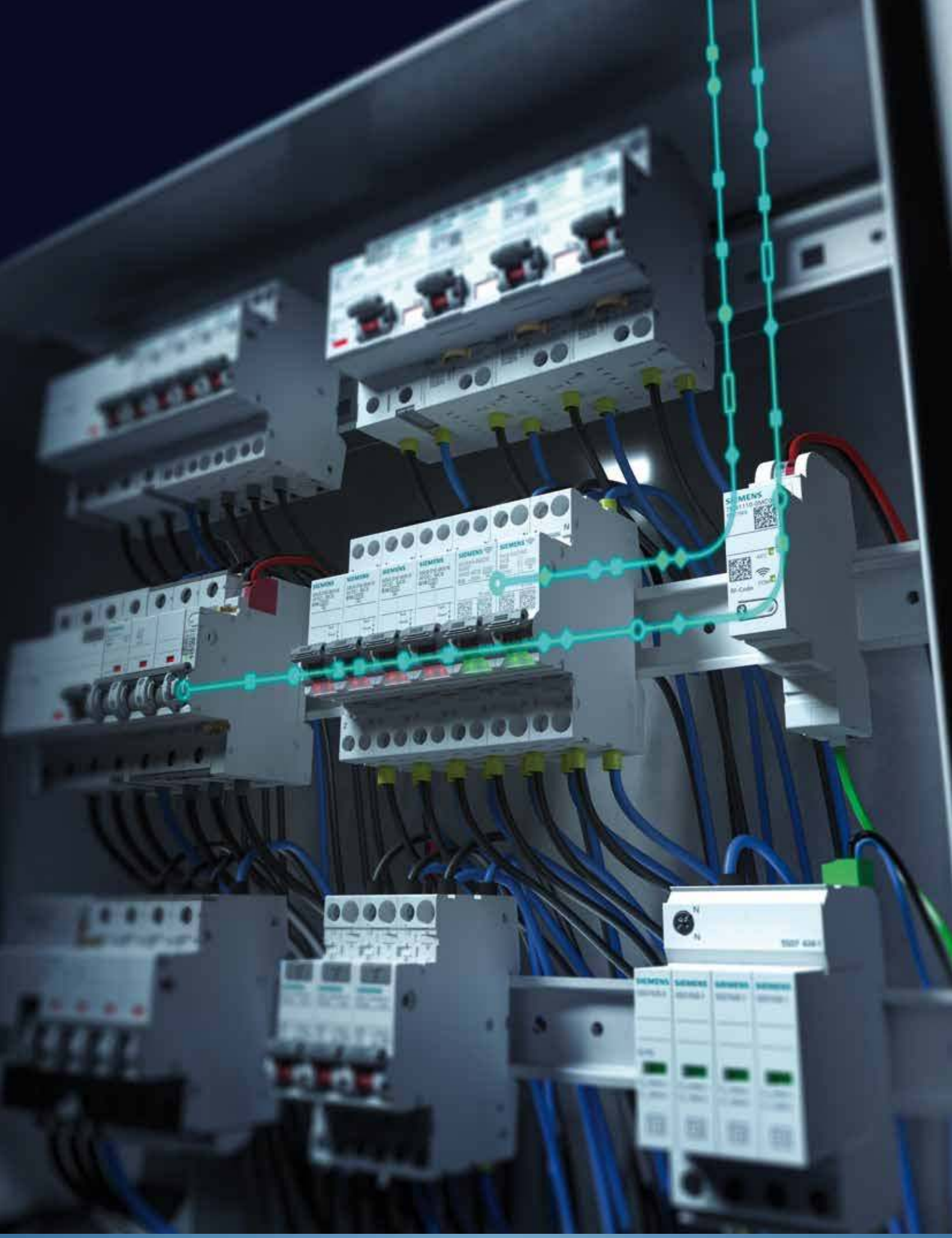
* LP - List Price Std Pkg = 1unit

SIEMENS

SENTRON
Circuit protection devices
with measuring and communication function

SENTRON Powercenter 1100 data transceiver

SENTRON 5SV6 COM AFDD/MCB


SIEMENS

THE POWER OF **SIMPLICITY**

SINOPLUS 5TJ Miniature Circuit Breakers

NEW

IEC Safe
Complies with IEC standards

Comprehensive range
For various applications

Reliable
Siemens trusted quality

RoHS compliance
Environmentally friendly

IEC 60947-2
IEC
IS/IEC 60898-1

SIEMENS

Betagard Miniature Circuit Breakers Type 5SL6 and 5SL4

IS/IEC 60898 - 1

CM/L No. 2255548

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

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

1 MW (Module Width) = 18 mm

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

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

Betagard Circuit Breakers

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

IS/IEC 60898 - 1

CM/L No. 2255548

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

	Rated current I_n (A)	MW#		Characteristic C	Characteristic D		Characterestic C, DC	Std. Pkg. (Nos)
	0.5	1	1P, 240/415V AC	5SL71057RC	5SL71058RC	1P, 220V DC	5SL51057RC	1/12
	1			5SL71017RC	5SL71018RC		5SL51017RC	1/12
	2			5SL71027RC	5SL71028RC		5SL51027RC	1/12
	3			–	–		5SL51037RC	1/12
	4			5SL71047RC	5SL71048RC		5SL51047RC	1/12
	6			5SL71067RC	5SL71068RC		5SL51067RC	1/12
	8			–	–		5SL51087RC	1/12
	10			5SL71107RC	5SL71108RC		5SL51107RC	1/12
	16			5SL71167RC	5SL71168RC		5SL51167RC	1/12
	20			5SL71207RC	5SL71208RC		5SL51207RC	1/12
	25			5SL71257RC	5SL71258RC		5SL51257RC	1/12
	32			5SL71327RC	5SL71328RC		5SL51327RC	1/12
	40			5SL71407RC	5SL71408RC		5SL51407RC	1/12
	50			5SL71507RC	5SL71508RC		5SL51507RC	1/12
	63			5SL71637RC	5SL71638RC		5SL51637RC	1/12
	0.5	2	2P, 415V AC	5SL72057RC	5SL72058RC	2P, 440V DC	5SL52057RC	1/6
	1			5SL72017RC	5SL72018RC		5SL52017RC	1/6
	2			5SL72027RC	5SL72028RC		5SL52027RC	1/6
	3			–	–		5SL52037RC	1/6
	4			5SL72047RC	5SL72048RC		5SL52047RC	1/6
	6			5SL72067RC	5SL72068RC		5SL52067RC	1/6
	8			–	–		5SL52087RC	1/6
	10			5SL72107RC	5SL72108RC		5SL52107RC	1/6
	16			5SL72167RC	5SL72168RC		5SL52167RC	1/6
	20			5SL72207RC	5SL72208RC		5SL52207RC	1/6
	25			5SL72257RC	5SL72258RC		5SL52257RC	1/6
	32			5SL72327RC	5SL72328RC		5SL52327RC	1/6
	40			5SL72407RC	5SL72408RC		5SL52407RC	1/6
	50			5SL72507RC	5SL72508RC		5SL52507RC	1/6
	63			5SL72637RC	5SL72638RC		5SL52637RC	1/6
	0.5	3	3P, 415V AC	5SL73057RC	5SL73058RC	–	–	1/4
	1			5SL73017RC	5SL73018RC		–	1/4
	2			5SL73027RC	5SL73028RC		–	1/4
	4			5SL73047RC	5SL73048RC		–	1/4
	6			5SL73067RC	5SL73068RC		–	1/4
	10			5SL73107RC	5SL73108RC		–	1/4
	16			5SL73167RC	5SL73168RC		–	1/4
	20			5SL73207RC	5SL73208RC		–	1/4
	25			5SL73257RC	5SL73258RC		–	1/4
	32			5SL73327RC	5SL73328RC		–	1/4
	40			5SL73407RC	5SL73408RC		–	1/4
	50			5SL73507RC	5SL73508RC		–	1/4
	63			5SL73637RC	5SL73638RC		–	1/4
	0.5	4	4P, 415V AC	5SL74057RC	5SL74058RC	**4P, 880V DC***	–	1/3
	1			5SL74017RC	5SL74018RC		–	1/3
	2			5SL74027RC	5SL74028RC		–	1/3
	4			5SL74047RC	5SL74048RC		–	1/3
	6			5SL74067RC	5SL74068RC		5SL54067RC	1/3
	10			5SL74107RC	5SL74108RC		5SL54107RC	1/3
	16			5SL74167RC	5SL74168RC		5SL54167RC	1/3
	20			5SL74207RC	5SL74208RC		–	1/3
	25			5SL74257RC	5SL74258RC		5SL54257RC	1/3
	32			5SL74327RC	5SL74328RC		5SL54327RC	1/3
	40			5SL74407RC	5SL74408RC		5SL54407RC	1/3
	50			5SL74507RC	5SL74508RC		–	1/3
	63			5SL74637RC	5SL74638RC		5SL54637RC	1/3

1 MW (Module Width) = 18 mm

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

* Maximum operational voltage 1000V DC

Geared to act FAST!

Siemens range of fuses

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

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

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

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SIEMENS

HRC fuses (DIN) 3NA

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

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

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	820.-	1/6
	4	3NA78040RC	820.-	1/6
	6	3NA78010RC	820.-	1/6
	10	3NA78030RC	820.-	1/6
	16	3NA78050RC	830.-	1/6
	20	3NA78070RC	830.-	1/6
	25	3NA78100RC	830.-	1/6
	32	3NA78120RC	830.-	1/6
	40	3NA78170RC	865.-	1/6
	50	3NA78200RC	865.-	1/6
	63	3NA78220RC	965.-	1/6
	80	3NA78240RC	1065.-	1/6
	100	3NA78300RC	1065.-	1/6
00	125	3NA78320RC	1270.-	1/6
	160	3NA78360RC	1345.-	1/6
1	50	3NA71200RC	1835.-	1/3
	63	3NA71220RC	1835.-	1/3
	80	3NA71240RC	1835.-	1/3
	100	3NA71300RC	1835.-	1/3
	125	3NA71320RC	1920.-	1/3
	160	3NA71360RC	1970.-	1/3
	200	3NA71400RC	1970.-	1/3
	224	3NA71420RC	2060.-	1/3
	250	3NA71440RC	2220.-	1/3
2	200	3NA72400RC	2725.-	1/3
	250	3NA72440RC	2835.-	1/3
	315	3NA72520RC	2940.-	1/3
	400*	3NA72600RC	2940.-	1/3
3	315	3NA33520RC	4180.-	1/3
	400	3NA33600RC	4180.-	1/3
	500	3NA33650RC	4670.-	1/3
	630	3NA33720RC	4785.-	1/3
	800*	3NA33754RC	5825.-	1/3

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

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	930.-	1
1	250	■ 3NG1250	1410.-	1
2	400	■ 3NG1300	2285.-	1
3	630	■ 3NG1400	2370.-	1

Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-0RC (Screw-in)	1150.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	1235.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	2310.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	3270.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	4715.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	5585.-	1/5

Fuse puller

Description	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	5550.-	1
Suitable only for fuse links and isolating links	3NX1010	2315.-	1

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 MRP@ ₹	Std. pkg.** (nos.)
00	40	3NA78176RC	1180.-	1/6
	50	3NA78206RC	1180.-	1/6
	63	3NA78226RC	1270.-	1/6
	80	3NA78246RC	1345.-	1/6
	100	3NA78306RC	1345.-	1/6
1	125	3NA71326RC	2360.-	1/3
	160	3NA71366RC	2445.-	1/3
	200	3NA71406RC	2445.-	1/3
2	250	3NA72446RC	3235.-	1/3
	315	3NA72526RC	3485.-	1/3
3	400	3NA33606RC	5185.-	1/3
	425	3NA33626RC	5185.-	1/3
	500	3NA33656RC	5545.-	1/3

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

SIEMENS

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

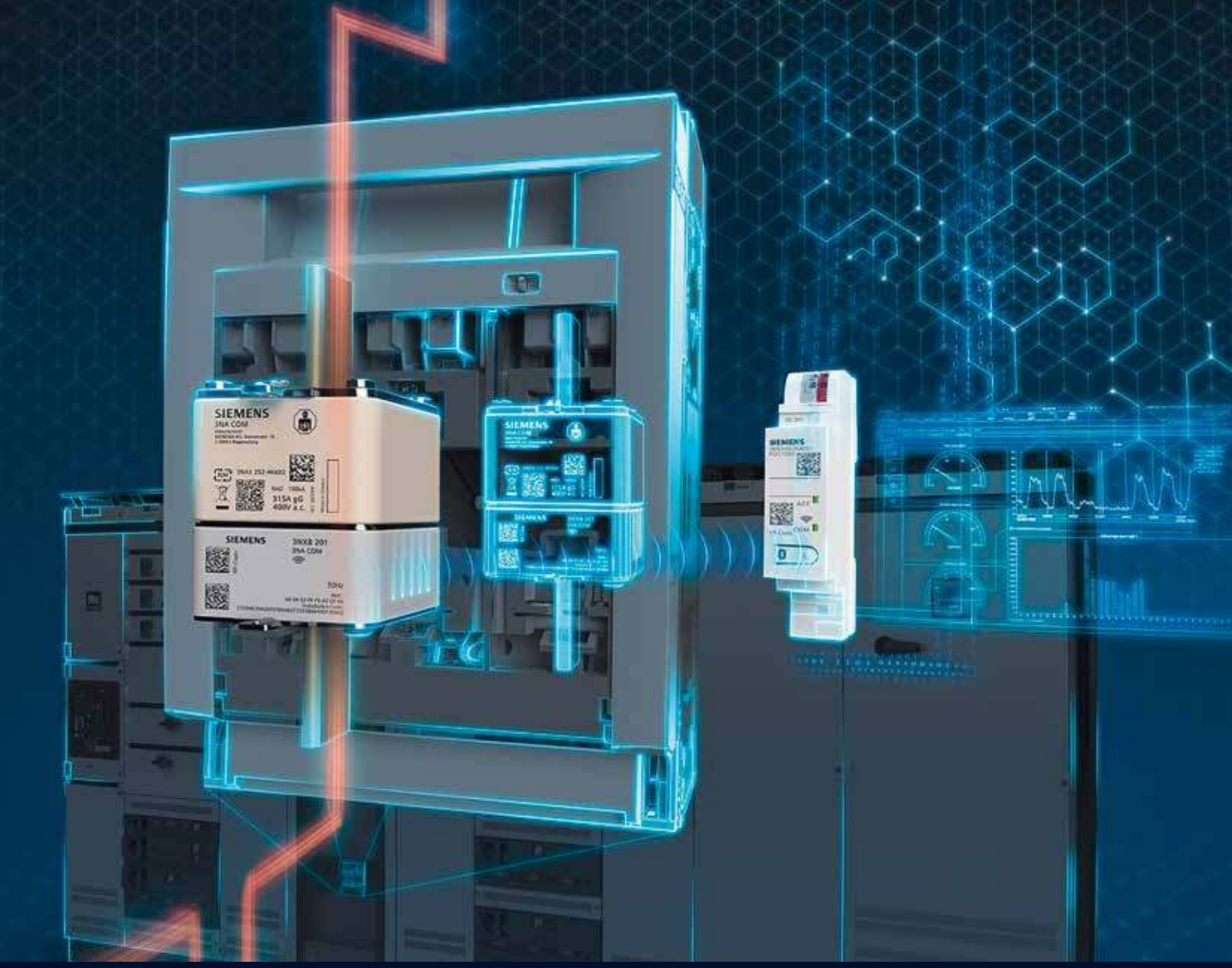
LV HRC fuses : 3NA6...-.RC 500V AC

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**	**1835.-**	**3**
		63A	500 V	**3NA61220RC**	**1835.-**	**3**
		80A	500 V	**3NA61240RC**	**1835.-**	**3**
		100A	500 V	**3NA61300RC**	**1835.-**	**3**
		125A	500 V	**3NA61320RC**	**1920.-**	**3**
		160A	500 V	**3NA61360RC**	**1970.-**	**3**
		200A	500 V	**3NA61400RC**	**1970.-**	**3**
		224A	500 V	**3NA61420RC**	**2060.-**	**3**
		250A	500 V	**3NA61440RC**	**2220.-**	**3**
	2	200A	500 V	**3NA62400RC**	**2725.-**	**3**
		250A	500 V	**3NA62440RC**	**2835.-**	**3**
		315A	500 V	**3NA62520RC**	**2940.-**	**3**
		400A	500 V	**3NA62600RC**	**2940.-**	**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

SENTRON COM LV HRC fuses (DIN) 3NA

NEW

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

3NA COM LV HRC fuse links with integrated Electronic Module

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

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

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

Electrical module

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

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

* LP - List Price POR: Price On Request

For communication to be used with 3NX8201

HRC fuses (BS) 3NW

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

Blade tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWNS2	310.-	20
4	■ 3NWNS4	310.-	20
6	■ 3NWNS6	310.-	20
10	■ 3NWNS10	310.-	20
16	■ 3NWNS16	310.-	20
20	■ 3NWNS20	365.-	20
25	■ 3NWNS25	365.-	20
32	3NWNS32	365.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	440.-	20
4	3NWTIA4	440.-	20
6	3NWTIA6	440.-	20
10	■ 3NWTIA10	495.-	20
16	■ 3NWTIA16	495.-	20
20	■ 3NWTIA20	495.-	20
25	■ 3NWTIA25	495.-	20
32	■ 3NWTIA32	495.-	20
40	3NWTIS40	675.-	20
50	■ 3NWTIS50	675.-	20
63	■ 3NWTIS63	675.-	20
80	3NWTCP80	1735.-	10
100	■ 3NWTCP100	1735.-	10
125	3NWTFP125	3515.-	5
160	3NWTFP160	3515.-	5
200	3NWTFP200	3515.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTC80	1870.-	10
100	3NWTC100	1870.-	10
125	3NWTF125	3850.-	5
160	3NWTF160	3850.-	5
200	3NWTF200	3850.-	5
250	3NWTKF250	5320.-	1
315	3NWTKF315	5320.-	1
355	3NWTMF355	6195.-	1
400	3NWTMF400	6195.-	1
500	3NWTTM500	9735.-	1
630	3NWTTM630	11855.-	1
710	3NWTLM710	13545.-	1
800	3NWTLM800	13545.-	1

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

■ **Stock items**

* MRP - Maximum Retail Price

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	365.-	20
10	3NWTSA10	365.-	20
16	3NWTSA16	365.-	20
20	3NWTSA20	365.-	20
25	3NWTSA25	365.-	20
32	3NWTSA32	365.-	20
36	3NWTSS36	730.-	20
40	3NWTSS40	730.-	20
50	3NWTSS50	730.-	20
63	3NWTSS63	730.-	20
80	3NWTSDS80	1370.-	20
100	3NWTSDS100	1370.-	20
125	3NWTSFP125	1720.-	5
160	3NWTSFP160	1875.-	5
200	3NWTSFP200	1720.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	1665.-	10
100	3NWTSDC100	1665.-	10
125	3NWTSF125	1735.-	5
160	3NWTSF160	1735.-	5
200	3NWTSF200	1735.-	5
250	3NWTSK250	4165.-	1
315	3NWTSK315	4165.-	1
355	3NWTSMS355	6955.-	1
400	3NWTSMS400	6955.-	1
450	3NWTSTS450	5770.-	1
500	3NWTSTS500	5770.-	1
560	3NWTSLS560	11010.-	1
630	3NWTSLS630	9340.-	1
800	3NWTSLS800	13485.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWCM32F9	7180.-	10
63	3NWCM63F9	8425.-	10
100	3NWCM100F9	9300.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	525.-	10
32	■ 3NW32NNSF	660.-	10
32A (Iso. Link)	■ 3NW32NNSL	290.-	10

Please order in multiples of standard packing.

Fuses for semiconductor protection - SITOR 3NE / 3NC

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

3NE4 type

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
1000	32	■ 3NE4101	gR	0	6965.-	3
	40	■ 3NE4102	gR	0	6995.-	3
	50	■ 3NE4117	gR	0	7335.-	3
	80	■ 3NE4120	aR	0	7940.-	3
	100	■ 3NE4121	aR	0	8695.-	3
	125	■ 3NE4122	aR	0	9340.-	3
	160	■ 3NE4124	aR	0	10295.-	3

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	■ 3NE43276	aR	–	15090.-	1
	315	■ 3NE43306	aR	–	15585.-	1
	450	■ 3NE43336	aR	–	16285.-	1
	500	■ 3NE43346	aR	–	16415.-	1
	710	■ 3NE43376	aR	–	18355.-	1

3NE8 type[1)]
690 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	14785.-	3
35	3NE80031	gR	00	14785.-	3
50	3NE80171	gR	00	14785.-	3
63	3NE80181	gR	00	14785.-	3
80	3NE80201	aR	00	16395.-	3
100	3NE80211	aR	00	17160.-	3
125	3NE80221	aR	00	17420.-	3
160	3NE80241	aR	00	19125.-	3
200	3NE12252	gR	1	48355.-	3
250	3NE12272	gR	1	49990.-	3
315	3NE12302	gR	1	51710.-	3
350	3NE13312	gR	2	68445.-	3
400	3NE13322	gR	2	87910.-	3
450	3NE13332	gR	2	73550.-	3
500	3NE13342	gR	2	76435.-	3
560	3NE14352	gR	3	94985.-	3
630	3NE14362	gR	3	98545.-	3
670	3NE14472	gR	3	100710.-	3
710	3NE14372	gR	3	105015.-	3
800	3NE14382	gR	3	112845.-	3
850	3NE14482	gR	3	122835.-	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	–	82490.-	3
1250	3NE9450	aR	–	77745.-	3

3NE1 type[1)]
690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	17420.-	3
20	3NE18140	gS	000	17420.-	3
25	3NE18150	gS	000	17420.-	3
35	3NE18030	gS	000	17420.-	3
40	3NE18020	gS	000	17420.-	3
50	3NE18170	gS	000	17420.-	3
63	3NE18180	gS	000	17420.-	3
80	3NE18200	gS	000	17420.-	3
100	3NE10210	gS	00	22485.-	3
125	3NE10220	gS	00	22485.-	3
160	3NE12240	gS	1	53150.-	3
200	3NE12250	gS	1	53150.-	3
250	3NE12270	gS	1	55810.-	3
315	3NE12300	gS	1	59850.-	3
350	3NE13310	gS	2	74320.-	3
400	3NE13320	gS	2	74960.-	3
450	3NE13330	gS	2	75440.-	3
500	3NE13340	gS	2	76550.-	3
560	3NE14350	gS	3	76990.-	3
630	3NE14360	gS	3	80310.-	3
710	3NE14370	gS	3	85700.-	3
800	3NE14380	gS	3	97850.-	3

3NE8 type
690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	15705.-	10
25	3NE87151	gR	000	15705.-	10
32	3NE87011	gR	000	15705.-	10
40	3NE87021	gR	000	15705.-	10
50	3NE87171	gR	000	16185.-	10
63	3NE87181	aR	000	16185.-	10
80	3NE87201	aR	000	16975.-	10
100	3NE87211	aR	000	16975.-	10
125	3NE87221	aR	000	15095.-	10
160	3NE87241	aR	000	17620.-	10
200	3NE87251	aR	000	18010.-	10
250	3NE87271	aR	000	19555.-	10
315	3NE87311	aR	000	25710.-	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	39575.-	3
125	3NE3222	aR	1	40730.-	3
160	3NE3224	aR	1	40730.-	3
200	3NE3225	aR	1	44820.-	3
250	3NE3227	aR	1	46000.-	3
315	3NE32300B	aR	1	47900.-	3
350	3NE3231	aR	1	56870.-	3
400	3NE32320B	aR	1	60910.-	3
450	3NE3233	aR	1	63090.-	3
400	3NE33320B	aR	2	61495.-	3
450	3NE3333	aR	2	64765.-	3
500	3NE33340B	aR	2	65975.-	3
560	3NE3335	aR	2	68470.-	3
630	3NE3336	aR	2	71730.-	3
710^	3NE33378	aR	2	98240.-	3
800^	3NE33388	aR	2	100955.-	3
900^	3NE33408	aR	2	120260.-	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	91015.-	3
200	3NC84253C	gR	3	63510.-	3
250	3NC84273C	gR	3	72610.-	3
350	3NC84313C	gR	3	74870.-	3
500	3NC84343C	gR	3	80910.-	3
1000#	3NC84443C	aR	3	147030.-	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	116230.-	2
224	3NE54260C	aR	3	127155.-	2
250	3NE56270C	aR	3	117950.-	3
315	3NE54300C	aR	3	121460.-	2
350	3NE54310C	aR	3	133325.-	2
450	3NE56330C	aR	3	132380.-	3
600	3NE56430C	aR	3	157520.-	3

3NE7 type
2000 V AC

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

Fuse bases for SITOR fuses

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

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

Utilization category as per VDE 0636/IEC 60269

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

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

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

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

* LP - List Price POR: Price On Request

Please order in multiples of standard packing.

Fuses

Cylindrical Fuses (3NW)

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

Cylindrical Fuse, Size 10 x 38

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
0.5A	10 x 38	500	3NW60001	1310.-	1/10
1A			3NW60111	1310.-	1/10
2A			3NW60021	1310.-	1/10
4A			3NW60041	1310.-	1/10
6A			3NW60011	1310.-	1/10
8A			3NW60081	1310.-	1/10
10A			3NW60031	1310.-	1/10
12A			3NW60061	1310.-	1/10
16A			3NW60051	1310.-	1/20
20A			3NW60071	1310.-	1/20
25A			3NW60101	1310.-	1/20
32A		400	3NW60121	1310.-	1/20

Cylindrical Fuse, Size 14 x 51

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
4A	14 x 51	690	3NW61041	1450.-	1/10
6A			3NW61011	1450.-	1/10
8A			3NW61081	1450.-	1/10
10A			3NW61031	1450.-	1/10
12A			3NW61061	1450.-	1/10
16A			3NW61051	1450.-	1/10
20A			3NW61071	1450.-	1/10
25A			3NW61101	1450.-	1/10
32A			3NW61121	1730.-	1/10
40A		500	3NW61171	1730.-	1/10
50A			3NW61201	1730.-	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	2540.-	1/10
20A			3NW62071	2540.-	1/10
25A			3NW62101	2540.-	1/10
32A			3NW62121	2540.-	1/10
40A			3NW62171	2790.-	1/10
50A			3NW62201	2790.-	1/10
63A		500	3NW62221	2790.-	1/10
80A			3NW62241	2790.-	1/10
100A			3NW62301	3085.-	1/10

* LP - List Price

Cylindrical Fuse holders

No of Poles	Size	Rating (A)	MW	Type	Unit LP* ₹	Std. pkg.** (nos.)
1P	10 x 38	32A	1	3NW70132	2340.-	1/1
	14 x 51	50A	1.5	3NW7111	7425.-	1/1
	22 x 58	100A	2	3NW7211	12135.-	1/1
1+N	10 x 38	32A	1	3NW70532	4780.-	1/1
	14 x 51	50A	3	3NW7151	15375.-	1/1
	22 x 58	100A	4	3NW7251	24880.-	1/1
2P	10 x 38	32A	2	3NW70232	4685.-	1/1
	14 x 51	50A	3	3NW7121	14795.-	1/1
	22 x 58	100A	4	3NW7221	20945.-	1/1
3P	10 x 38	32A	3	3NW70332	7040.-	1/1
	14 x 51	50A	4.5	3NW7131	22165.-	1/1
	22 x 58	100A	6	3NW7231	31240.-	1/1

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

Fuse Systems Available

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

For more details please contact your nearest Siemens Sales Office.

Fuses for Special Applications

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

For more details please contact your nearest Siemens Sales Office.

5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

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

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

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

SIEMENS

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

Direct-on-line feeder, for Low LCC

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

Star-Delta feeder, for Low LCC

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

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

Suitable for IE2 motors

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

Direct-on-line feeder, for Low LCC

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

Star-Delta feeder, for Low LCC

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

Available till stocks last

Superswitch 3KL8

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

Rated current I_e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-3TA00	8440.-	3KL8111-3TJ00	8175.-	3KL8111-3TC00	8305.-	1
32A	3KL8121-3TA00	8640.-	3KL8121-3TJ00	8450.-	3KL8121-3TC00	8575.-	1
63A	3KL8151-3TA00	12205.-	3KL8151-3TJ00	11815.-	3KL8151-3TC00	11915.-	1
100A	3KL8211-3TA00	24390.-	3KL8211-3TJ00	23935.-			1
125A	3KL8221-3TA00	31885.-	3KL8221-3TJ00	31470.-			1
160A$	3KL8231-3TA00	34815.-	3KL8231-3TJ00	34315.-			1
200A	3KL8311-3UA00	44470.-	3KL8311-3UJ00	43040.-			1
250A	3KL8321-3UA00	52280.-	3KL8321-3UJ00	53210.-			1
315A	3KL8331-3UA00	64630.-	3KL8331-3UJ00	62950.-			1
400A$	3KL8341-3UA00	77870.-	3KL8341-3UJ00	79030.-			1
500A	3KL8411-3UA00	121825.-	3KL8411-3UJ00	117165.-			1
630A	3KL8421-3UA00	125160.-	3KL8421-3UJ00	121410.-			1
800A$	3KL8431-3UA00	135585.-	3KL8431-3UJ00	131580.-			1

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

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

Description	3KL81 11/21/51 3KA81 51	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41/51	Unit MRP* ₹	3KL84 11/21/31 3KA84 3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse Cover	3KX8150-0AC	985.-	3KX8230-0AC	1410.-	3KX8340-0AC	2070.-	3KX8430-0AC	2935.-	1
Terminal Cover (1 set)	–	–	3KX8231-0AC	1200.-	3KX8341-0AC	2255.-	3KX8431-0AC	2645.-	1
Isolable Neutral cover	–	–	3KX8232-0AC	595.-	–	–	–	–	1
Phase Barrier$$	3KX8153-0AC	395.-	3KX8233-0AC	395.-	3KX8343-0AC	575.-	3KX8433-0AC	745.-	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

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**

Control switches 3ST

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

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

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

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.

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

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The comprehensive range of services from Siemens is sure to cover the needs of the most varied users.

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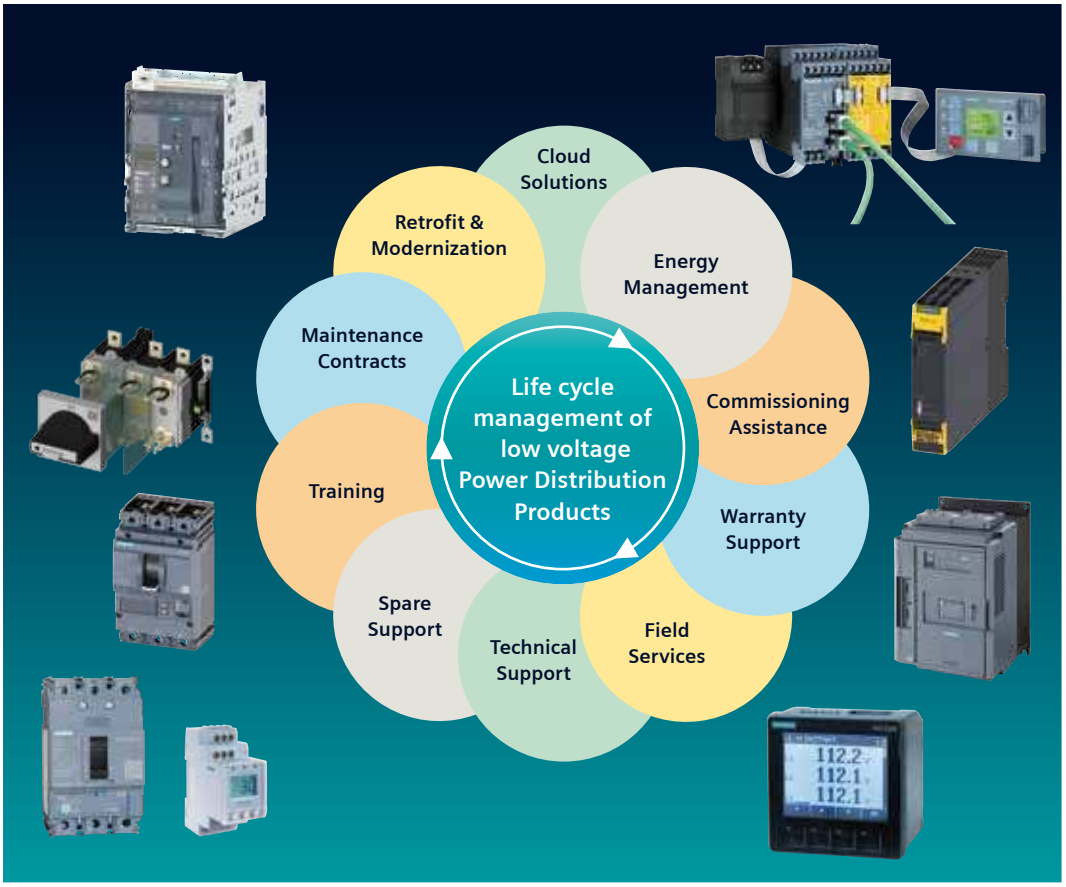
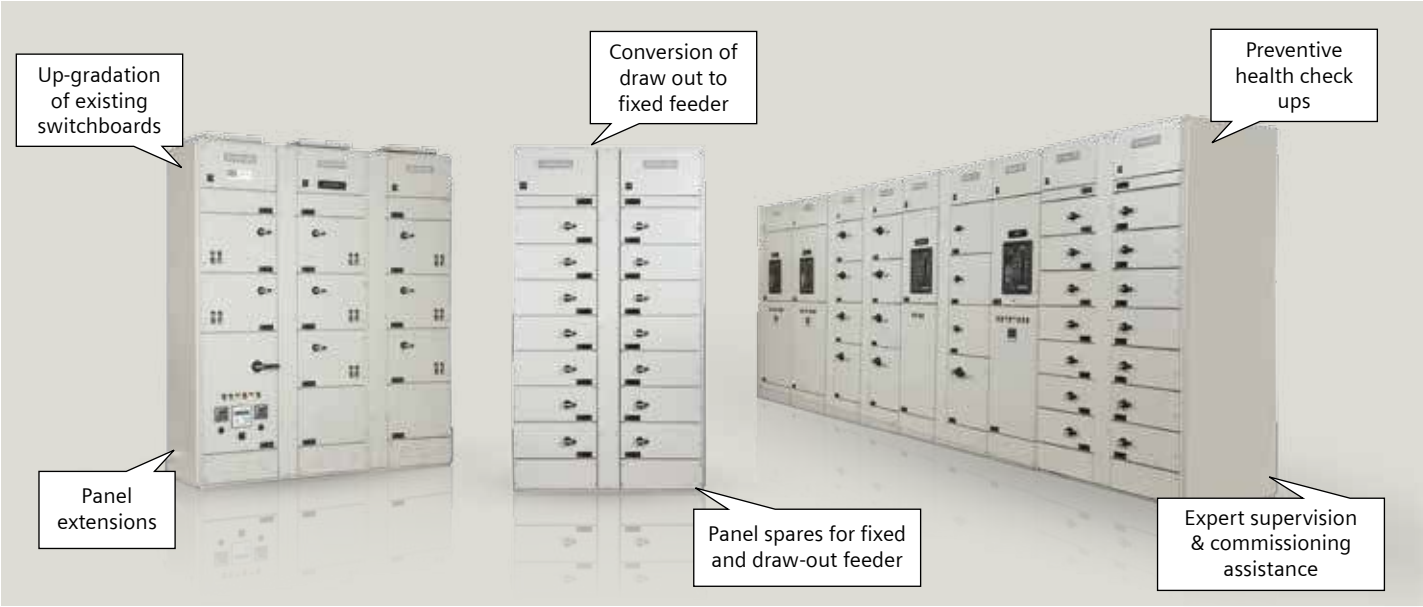
We educate and help to adopt products and solutions like energy management, condition monitoring, various application with analytic etc. through retrofit and technology upgrade, thereby helping to embark on the digitalization journey easily.



Service & spares for SIEPAN 8PU



- Annual Maintenance contract of LV Switchboards
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For information on prices of below products please refer to the Low Voltage Control Products valid Price List

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Notes

Notes

Notes

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