



# Your trusted partner for reliable power

**Low Voltage Power Distribution Products**

Price List w.e.f. 5<sup>th</sup> April 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



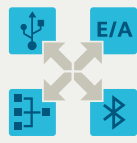
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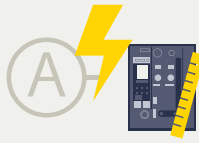
Future ready



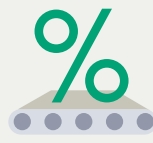
Easy operation



Advanced connectivity



Smallest footprint



Shorter downtime



Operator safety



Efficient metering



Easy upgrade



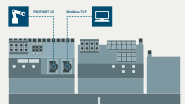
Enhanced safety



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.

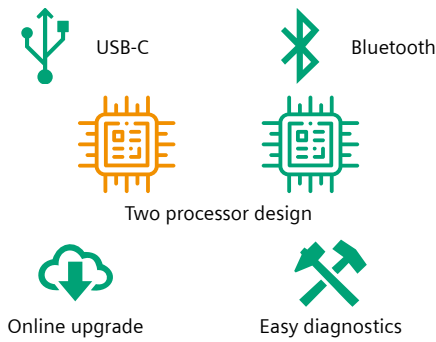
Welcome to the future of digital power distribution.

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

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# ACB: SENTRON 3WA

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



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

Microprocessor based trip unit ETU600 with LSING<sup>1)</sup> protection

Frame Size	Rated Current In (A)		Withdrawable <sup>2)</sup> design with Guide Frame				
			3 Pole <sup>^</sup>	Unit LP* ₹	4 Pole <sup>^</sup>	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	3239480.-	3WA1350-5AF42-0AA0	4084245.-
			EDO	3WA1350-5AF32-4EA4	3441570.-	3WA1350-5AF42-4EA4	4286335.-
	6300	MDO	3WA1363-5AF31-0AA0	4321990.-	3WA1363-5AF41-0AA0	5406425.-	
		EDO	3WA1363-5AF31-4EA4	4524080.-	3WA1363-5AF41-4EA4	5608515.-	

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

Note: Std. Pkg. = 1 unit

- 1) Current transformer for N-conductor shall be ordered separately for 3P ACB with Earth Fault and Neutral Conductor Protection.
  - 2) Standard Accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, Spring charge signaling switch (Standard along with spring charging motor), ready to close signal switch, auxiliary contacts 2NO+2NC, trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit).
- Prices of ACBs with other breaking capacities, fixed type, 1000/1150V AC applications & DC applications available on request

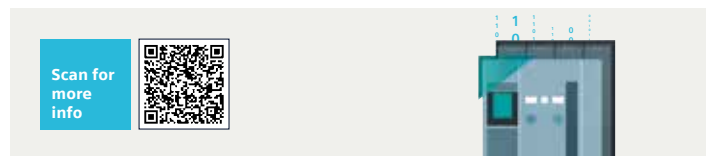
^ For complete ordering code please contact your nearest Siemens Sales Office

## Add-on options (Factory fitted)

Description	Add LP* ₹	Motorised Mechanism	Add LP* ₹
Door Interlock	POR	208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	POR
Position Signal Switch for Withdrawable Breaker		110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	
Castell lock mounting kit <sup>#</sup>		<i>Motorized mechanism with other control voltages are available on request</i>	
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.



## Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24-30	3WA9111-0AD02	32165.-
	110-127	110-125	3WA9111-0AD05	32165.-
	208-240	220-250	3WA9111-0AD06	32165.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	35555.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	177825.-
	110-127	110-125	3WA9111-0AF05	177825.-
	208-240	220-250	3WA9111-0AF06	177825.-
Castell Lock	-	-	3WX3663-6JEL_ <sup>\$</sup>	9065.-

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

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

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

# ACB: SENTRON 3WL *Plus*

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



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

Manually operated ACB

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

Frame Size	Rated Current In (A)	Type	Withdrawable design with Guide Frame		Fixed mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WL1106....	POR	POR	POR	POR
	800	3WL1108....				
	1000	3WL1110....				
	1250	3WL1112....				
	1600	3WL1116....				
II	2000	3WL1220....	POR	POR	POR	POR
	2500	3WL1225....				
	3200	3WL1232....				
	4000	3WL1240....				
III	5000	3WL1350....	POR	POR	POR	POR
	6300	3WL1363....				

Prices of ACBs with other breaking capacities available on request.

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

Note: Std. Pkg. = 1 unit

### Add-on options (Factory fitted)

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

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

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

Motorized mechanism with other control voltages are available on request

### Add-on options (Factory fitted)

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

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

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

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

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

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

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

## Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24-30	3WA9111-0AD02	32165.-
	110-127	110-125	3WA9111-0AD05	32165.-
	208-240	220-250	3WA9111-0AD06	32165.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	35555.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	177825.-
	110-127	110-125	3WA9111-0AF05	177825.-
	208-240	220-250	3WA9111-0AF06	177825.-
Castell Lock	-	-	3WX3663-6JEL_ <sup>s</sup>	9065.-

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

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

Std. Pkg. = 1 unit

POR: Price On Request

\* LP - List Price





# SIMARIS

## software tools

### SIMARIS suite: Easy access to SIMARIS planning tools

Integrated and Safe planning of complete power distribution system

#### SIMARIS design

Power distribution network planning

- Compatible to load projects of version 10.x/11.x/24.x/25.x
- From medium-voltage in-feed down to final distribution
- Based on calculations as per IS/ IEC standards
- With automatic selection of appropriate switchgear & components

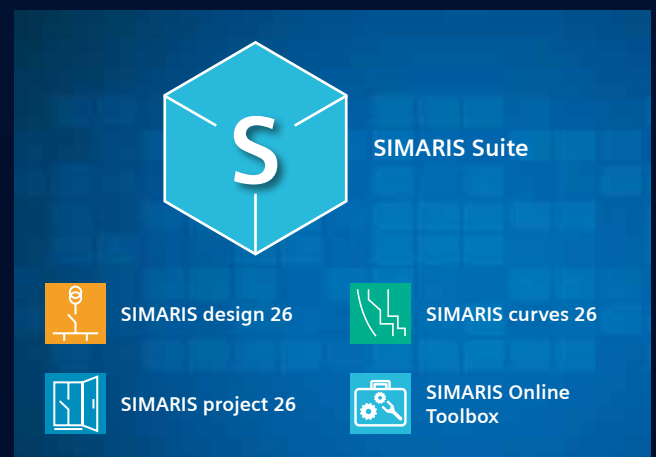
#### SIMARIS curves

Visualization & evaluation of:

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

\*Download FREE version from [www.siemens.com/simaris](http://www.siemens.com/simaris)

[www.siemens.com/simaris](http://www.siemens.com/simaris)



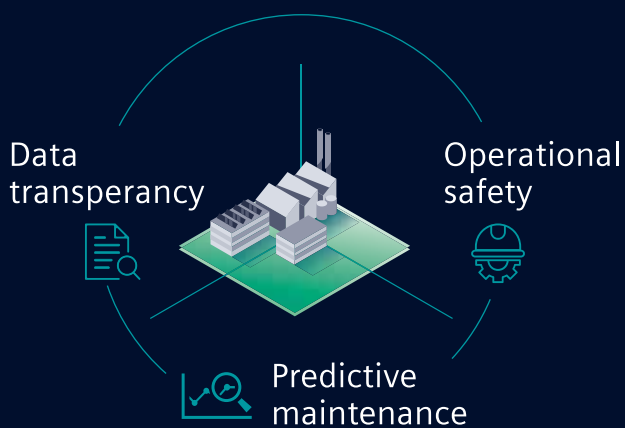
# SIEMENS



# SENTRON 3WT<sup>Plus</sup> Air Circuit Breakers

Powering smart installations

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



[www.siemens.co.in](http://www.siemens.co.in)

**SIEMENS**

# ACB: SENTRON 3WT<sup>Plus</sup>



- 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<sup>1)</sup> + Display

Frame Size	Rated current In (A)		Withdrawable design with Guide Frame <sup>2)</sup>				
			3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹	
I	630	MDO	3WT8061-6AA04-5AB2	509030.-	3WT8065-6AA04-5AB2	661750.-	
		EDO	3WT8061-6UA34-5AB2	658425.-	3WT8065-6UA34-5AB2	811145.-	
	800	MDO	3WT8081-6AA04-5AB2	537220.-	3WT8085-6AA04-5AB2	703240.-	
		EDO	3WT8081-6UA34-5AB2	686615.-	3WT8085-6UA34-5AB2	852635.-	
	1000	MDO	3WT8101-6AA04-5AB2	551800.-	3WT8105-6AA04-5AB2	715750.-	
		EDO	3WT8101-6UA34-5AB2	701195.-	3WT8105-6UA34-5AB2	865145.-	
	1250	MDO	3WT8121-6AA04-5AB2	677770.-	3WT8125-6AA04-5AB2	805740.-	
		EDO	3WT8121-6UA34-5AB2	827165.-	3WT8125-6UA34-5AB2	955135.-	
	● 1600	MDO	3WT8161-6AA04-5AB2	727435.-	3WT8165-6AA04-5AB2	880570.-	
		EDO	3WT8161-6UA34-5AB2	876830.-	3WT8165-6UA34-5AB2	1029965.-	
	II	● 2000	MDO	3WT8202-6AA04-5AB2	913960.-	3WT8206-6AA04-5AB2	1124855.-
			EDO	3WT8202-6UA34-5AB2	1063355.-	3WT8206-6UA34-5AB2	1274250.-
● 2500		MDO	3WT8252-6AA04-5AB2	1035245.-	3WT8256-6AA04-5AB2	1316155.-	
		EDO	3WT8252-6UA34-5AB2	1184640.-	3WT8256-6UA34-5AB2	1465550.-	
● 3200		MDO	3WT8322-6AA04-5AB2	1327250.-	3WT8326-6AA04-5AB2	1628540.-	
		EDO	3WT8322-6UA34-5AB2	1476645.-	3WT8326-6UA34-5AB2	1777935.-	

### Microprocessor based Trip Units

ETU35WT: LSI + Display



Reduce

690.-



Reduce

690.-

Microprocessor based trip unit ETU37WT: LSING<sup>1)</sup> + Display

Frame Size	Rated current In (A)		Fixed Mounted design <sup>3)</sup>				
			3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹	
I	630	MF	3WT8061-6AA00-0AA2	374070.-	3WT8065-6AA00-0AA2	506090.-	
		EF	3WT8061-6UA30-0AA2	523465.-	3WT8065-6UA30-0AA2	655485.-	
	800	MF	3WT8081-6AA00-0AA2	403775.-	3WT8085-6AA00-0AA2	555570.-	
		EF	3WT8081-6UA30-0AA2	553170.-	3WT8085-6UA30-0AA2	704965.-	
	1000	MF	3WT8101-6AA00-0AA2	411620.-	3WT8105-6AA00-0AA2	588550.-	
		EF	3WT8101-6UA30-0AA2	561015.-	3WT8105-6UA30-0AA2	737945.-	
	1250	MF	3WT8121-6AA00-0AA2	559880.-	3WT8125-6AA00-0AA2	662065.-	
		EF	3WT8121-6UA30-0AA2	709275.-	3WT8125-6UA30-0AA2	811460.-	
	● 1600	MF	3WT8161-6AA00-0AA2	571655.-	3WT8165-6AA00-0AA2	709180.-	
		EF	3WT8161-6UA30-0AA2	721050.-	3WT8165-6UA30-0AA2	858575.-	
	II	● 2000	MF	3WT8202-6AA00-0AA2	642910.-	3WT8206-6AA00-0AA2	922910.-
			EF	3WT8202-6UA30-0AA2	792305.-	3WT8206-6UA30-0AA2	1072305.-
● 2500		MF	3WT8252-6AA00-0AA2	725700.-	3WT8256-6AA00-0AA2	1083570.-	
		EF	3WT8252-6UA30-0AA2	875095.-	3WT8256-6UA30-0AA2	1232965.-	
● 3200	MF	3WT8322-6AA00-0AA2	1104935.-	3WT8326-6AA00-0AA2	1360790.-		
	EF	3WT8322-6UA30-0AA2	1254330.-	3WT8326-6UA30-0AA2	1510185.-		

### Microprocessor based Trip Units

ETU35WT: LSI + Display



Reduce

690.-



Reduce

690.-

**For Non-Automatic ACBs please deduct ₹ 1570/- 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<sup>1)</sup>

N: Neutral protection<sup>1)</sup>

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.

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

<sup>2)</sup> 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

<sup>3)</sup> 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<sup>Plus</sup> Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Motorized Operating Mechanism with Electrical closing	110-127	110-125	3WT9831-1JH00	160310.-
	220-240	220-250	3WT9831-1JK00	160310.-
Shunt Release or Closing Coil Suitable for continuous operation	-	24	3WT9851-1JB00	13735.-
	110-127	110-125	3WT9851-1JH00	13735.-
	220-240	220-250	3WT9851-1JK00	13735.-
Under Voltage Release Instantaneous	110-127	110-125	3WT9853-1JH00	14260.-
	208-240	220-250	3WT9853-1JK00	14260.-
	380-415	-	3WT9853-1JM00	14260.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9825-1JC00	10030.-
	Drawout circuit breaker		3WT9827-1JA00	10030.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	7675.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	31030.-
5 digit operating cycle counter			3WT9864-OCA00	25910.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	24085.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	24085.-
Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)			3WT9863-6JE00	22225.-
Castell Lock			3WX3663-6JEL_#	9065.-
Door Sealing Frame (Also suitable for 3WL ACB)			3WX3686-0JA00	5785.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	57280.-
	Size II		3WL9111-0AA22-0AA0	69650.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	62875.-
	Size II		3WL9111-0AA32-0AA0	72165.-

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

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

## Add-on options (Factory fitted)

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

## Retrofit solution

Description	Unit LP* ₹
Ready to fit kit for upgrading from our old or other make conventional Air Circuit Breaker to modern SETRON range of ACBs. <ul style="list-style-type: none"> <li>• Minimum Shut Down Time</li> <li>• No change in the existing panel except door cut out</li> <li>• No change in the existing panel bus-bars</li> <li>• Proven Siemens Design</li> <li>• No over heating</li> <li>• Cost Effective &amp; Quality Solution</li> </ul>	Upon enquiry

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

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price

# SENTRON Powerconfig

Parameterization and commissioning of LV power distribution

## Parameterization

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



## Diagnosis

- Measured value recording
- Communication test
- Device diagnosis

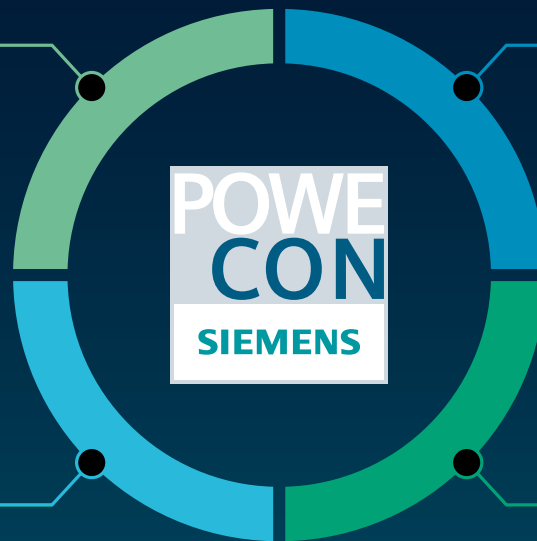
## Service

- Firmware update
- Function upgrade



## Documentation

- Project file
- Documentation export
- Device template



**SIEMENS**



# 3WJ air circuit breakers



Powering infrastructures across the globe

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



Reliable



Safe



Comprehensive



Efficient



Adaptable



Customizable



**SIEMENS**



# 3VA moulded case circuit breakers



Discover the perfect system

[www.siemens.com/3VA](http://www.siemens.com/3VA)

# SIEMENS



# MCCB: SENTRON 3VA

- Rated current: 16A to 1250A
- 1 pole<sup>^</sup>, 2 pole<sup>^</sup>, 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	17150.-	3VA1096-2ED42-0AA0	22230.-
		20	3VA1020-2ED32-0AA0	17150.-	3VA1020-2ED42-0AA0	22230.-
		25	3VA1025-2ED32-0AA0	17150.-	3VA1025-2ED42-0AA0	22230.-
		32	3VA1032-2ED32-0AA0	17150.-	3VA1032-2ED42-0AA0	22230.-
		40	3VA1040-2ED32-0AA0	17150.-	3VA1040-2ED42-0AA0	22230.-
		50	3VA1050-2ED32-0AA0	17150.-	3VA1050-2ED42-0AA0	22230.-
		63	3VA1063-2ED32-0AA0	17150.-	3VA1063-2ED42-0AA0	22230.-
		80	3VA1080-2ED32-0AA0	18755.-	3VA1080-2ED42-0AA0	24365.-
3VA10	25kA	100	3VA1010-2ED32-0AA0	21715.-	3VA1010-2ED42-0AA0	28280.-
		16	3VA1096-3ED32-0AA0	17615.-	3VA1096-3ED42-0AA0	22980.-
		20	3VA1020-3ED32-0AA0	17615.-	3VA1020-3ED42-0AA0	22980.-
		25	3VA1025-3ED32-0AA0	17615.-	3VA1025-3ED42-0AA0	22980.-
		32	3VA1032-3ED32-0AA0	17615.-	3VA1032-3ED42-0AA0	22980.-
		40	3VA1040-3ED32-0AA0	17615.-	3VA1040-3ED42-0AA0	22980.-
		50	3VA1050-3ED32-0AA0	17615.-	3VA1050-3ED42-0AA0	22980.-
		63	3VA1063-3ED32-0AA0	17615.-	3VA1063-3ED42-0AA0	22980.-
3VA11	25kA	80	3VA1080-3ED32-0AA0	19150.-	3VA1080-3ED42-0AA0	24925.-
		100	3VA1010-3ED32-0AA0	22585.-	3VA1010-3ED42-0AA0	28855.-
3VA11	25kA	125	3VA1112-3ED32-0AA0	38075.-	3VA1112-3ED42-0AA0	48515.-
		160	3VA1116-3ED32-0AA0	43475.-	3VA1116-3ED42-0AA0	56575.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	18590.-	3VA1196-4GD42-0AA0	25720.-
		20	3VA1020-4ED32-0AA0	18590.-	3VA1120-4GD42-0AA0	25720.-
		25	3VA1025-4ED32-0AA0	18590.-	3VA1125-4GD42-0AA0	25720.-
		32	3VA1032-4ED32-0AA0	18590.-	3VA1132-4GD42-0AA0	25720.-
		40	3VA1040-4ED32-0AA0	18590.-	3VA1140-4GD42-0AA0	25720.-
		50	3VA1050-4ED32-0AA0	18590.-	3VA1150-4GD42-0AA0	25720.-
		63	3VA1063-4ED32-0AA0	18590.-	3VA1163-4GD42-0AA0	25720.-
		80	3VA1080-4ED32-0AA0	19505.-	3VA1180-4GD42-0AA0	28205.-
3VA11	36kA	100	3VA1010-4ED32-0AA0	23480.-	3VA1110-4GD42-0AA0	32580.-
		125	3VA1112-4ED32-0AA0	40565.-	3VA1112-4GD42-0AA0	52735.-
3VA11	36kA	160	3VA1116-4ED32-0AA0	47300.-	3VA1116-4GD42-0AA0	61500.-
		16	3VA1196-5ED32-0AA0	21785.-	3VA1196-5GD42-0AA0	28280.-
3VA11	55kA	20	3VA1120-5ED32-0AA0	21785.-	3VA1120-5GD42-0AA0	28280.-
		25	3VA1125-5ED32-0AA0	21785.-	3VA1125-5GD42-0AA0	28280.-
		32	3VA1132-5ED32-0AA0	21785.-	3VA1132-5GD42-0AA0	28280.-
		40	3VA1140-5ED32-0AA0	21785.-	3VA1140-5GD42-0AA0	28280.-
		50	3VA1150-5ED32-0AA0	21785.-	3VA1150-5GD42-0AA0	28280.-
		63	3VA1163-5ED32-0AA0	22200.-	3VA1163-5GD42-0AA0	28280.-
		80	3VA1180-5ED32-0AA0	23905.-	3VA1180-5GD42-0AA0	31050.-
		100	3VA1110-5ED32-0AA0	27670.-	3VA1110-5GD42-0AA0	35885.-
		125	3VA1112-5ED32-0AA0	44585.-	3VA1112-5GD42-0AA0	57940.-
		160	3VA1116-5ED32-0AA0	51985.-	3VA1116-5GD42-0AA0	67655.-

<sup>^</sup> 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	22355.-	3VA1196-3GE42-0AA0	32020.-
		20	3VA1120-3EE32-0AA0	22355.-	3VA1120-3GE42-0AA0	32020.-
		25	3VA1125-3EE32-0AA0	22355.-	3VA1125-3GE42-0AA0	32020.-
		32	3VA1132-3EE32-0AA0	22355.-	3VA1132-3GE42-0AA0	32020.-
		40	3VA1140-3EE32-0AA0	22355.-	3VA1140-3GE42-0AA0	32020.-
		50	3VA1150-3EE32-0AA0	22355.-	3VA1150-3GE42-0AA0	32020.-
		63	3VA1163-3EE32-0AA0	22355.-	3VA1163-3GE42-0AA0	32020.-
		80	3VA1180-3EE32-0AA0	22355.-	3VA1180-3GE42-0AA0	32020.-
		100	3VA1110-3EE32-0AA0	23905.-	3VA1110-3GE42-0AA0	32020.-
		125	3VA1112-3EE32-0AA0	40565.-	3VA1112-3GE42-0AA0	49955.-
3VA11	36kA	160	3VA1116-3EE32-0AA0	44755.-	3VA1116-3GE42-0AA0	58020.-
		16	3VA1196-4EE32-0AA0	27605.-	3VA1196-4GE42-0AA0	36125.-
		20	3VA1120-4EE32-0AA0	27605.-	3VA1120-4GE42-0AA0	36125.-
		25	3VA1125-4EE32-0AA0	27605.-	3VA1125-4GE42-0AA0	36125.-
		32	3VA1132-4EE32-0AA0	27605.-	3VA1132-4GE42-0AA0	36125.-
		40	3VA1140-4EE32-0AA0	27605.-	3VA1140-4GE42-0AA0	36125.-
		50	3VA1150-4EE32-0AA0	27605.-	3VA1150-4GE42-0AA0	36125.-
		63	3VA1163-4EE32-0AA0	27605.-	3VA1163-4GE42-0AA0	36125.-
		80	3VA1180-4EE32-0AA0	27605.-	3VA1180-4GE42-0AA0	36125.-
		100	3VA1110-4EE32-0AA0	27605.-	3VA1110-4GE42-0AA0	36125.-
3VA12		125	3VA1112-4EE32-0AA0	42475.-	3VA1112-4GE42-0AA0	54110.-
		160	3VA1116-4EE32-0AA0	48620.-	3VA1116-4GE42-0AA0	63095.-
3VA13		200	3VA1220-4EE32-0AA0	61325.-	3VA1220-4GE42-0AA0	75560.-
		250	3VA1225-4EE32-0AA0	65010.-	3VA1225-4GE42-0AA0	81620.-
3VA14		320	3VA1332-4EE32-0AA0	87180.-	3VA1332-4GE42-0AA0	112865.-
		400	3VA1340-4EE32-0AA0	87180.-	3VA1340-4GE42-0AA0	112865.-
3VA14		500	3VA1450-4EE32-0AA0	112520.-	3VA1450-4GE42-0AA0	145760.-
		630	3VA1463-4EE32-0AA0	112520.-	3VA1463-4GE42-0AA0	145760.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	31450.-	3VA1196-5GE42-0AA0	39750.-
		20	3VA1120-5EE32-0AA0	31450.-	3VA1120-5GE42-0AA0	39750.-
		25	3VA1125-5EE32-0AA0	31450.-	3VA1125-5GE42-0AA0	39750.-
		32	3VA1132-5EE32-0AA0	31450.-	3VA1132-5GE42-0AA0	39750.-
		40	3VA1140-5EE32-0AA0	31450.-	3VA1140-5GE42-0AA0	39750.-
		50	3VA1150-5EE32-0AA0	31450.-	3VA1150-5GE42-0AA0	39750.-
		63	3VA1163-5EE32-0AA0	31450.-	3VA1163-5GE42-0AA0	39750.-
		80	3VA1180-5EE32-0AA0	31450.-	3VA1180-5GE42-0AA0	39750.-
		100	3VA1110-5EE32-0AA0	31450.-	3VA1110-5GE42-0AA0	39750.-
		125	3VA1112-5EE32-0AA0	49400.-	3VA1112-5GE42-0AA0	59330.-
3VA12		160	3VA1116-5EE32-0AA0	53440.-	3VA1116-5GE42-0AA0	68970.-
		200	3VA1220-5EE32-0AA0	63860.-	3VA1220-5GE42-0AA0	77990.-
3VA13		250	3VA1225-5EE32-0AA0	67705.-	3VA1225-5GE42-0AA0	85780.-
		320	3VA1332-5EE32-0AA0	99410.-	3VA1332-5GE42-0AA0	124525.-
3VA14		400	3VA1340-5EE32-0AA0	99410.-	3VA1340-5GE42-0AA0	124525.-
		500	3VA1450-5EE32-0AA0	128570.-	3VA1450-5GE42-0AA0	160615.-
3VA14		630	3VA1463-5EE32-0AA0	128570.-	3VA1463-5GE42-0AA0	160615.-
		800#	3VA1580-5EF32-0AA0	192085.-	3VA1580-5GF42-0AA0	248920.-
3VA15		1000#	3VA1510-5EF32-0AA0	268345.-	3VA1510-5GF42-0AA0	348210.-
		16	3VA1196-6EE32-0AA0	43040.-	3VA1196-6GE42-0AA0	54090.-
3VA11	70kA	20	3VA1120-6EE32-0AA0	43040.-	3VA1120-6GE42-0AA0	54090.-
		25	3VA1125-6EE32-0AA0	43040.-	3VA1125-6GE42-0AA0	54090.-
		32	3VA1132-6EE32-0AA0	43040.-	3VA1132-6GE42-0AA0	54090.-
		40	3VA1140-6EE32-0AA0	43040.-	3VA1140-6GE42-0AA0	54090.-
		50	3VA1150-6EE32-0AA0	43040.-	3VA1150-6GE42-0AA0	54090.-
		63	3VA1163-6EE32-0AA0	43040.-	3VA1163-6GE42-0AA0	54090.-
		80	3VA1180-6EE32-0AA0	43040.-	3VA1180-6GE42-0AA0	54090.-
		100	3VA1110-6EE32-0AA0	43040.-	3VA1110-6GE42-0AA0	54090.-
		125	3VA1112-6EE32-0AA0	80020.-	3VA1112-6GE42-0AA0	85800.-
		160	3VA1116-6EE32-0AA0	80020.-	3VA1116-6GE42-0AA0	85800.-
3VA12		200	3VA1220-6EE32-0AA0	86120.-	3VA1220-6GE42-0AA0	110820.-
		250	3VA1225-6EE32-0AA0	96515.-	3VA1225-6GE42-0AA0	110820.-
3VA13		320	3VA1332-6EE32-0AA0	108960.-	3VA1332-6GE42-0AA0	140855.-
		400	3VA1340-6EE32-0AA0	108960.-	3VA1340-6GE42-0AA0	140855.-
3VA14		500	3VA1450-6EE32-0AA0	154885.-	3VA1450-6GE42-0AA0	200810.-
		630	3VA1463-6EE32-0AA0	154885.-	3VA1463-6GE42-0AA0	200810.-
3VA15		800#	3VA1580-6EF32-0AA0	211520.-	3VA1580-6GF42-0AA0	274110.-
		1000#	3VA1510-6EF32-0AA0	294960.-	3VA1510-6GF42-0AA0	383440.-

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

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA12	36kA	250	3VA1225-4EF32-0AA0	POR	3VA1225-4GF42-0AA0	POR
3VA13		320	3VA1332-4EF32-0AA0		3VA1332-4GF42-0AA0	
3VA14		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
		500	3VA1450-4EF32-0AA0		3VA1450-4GF42-0AA0	
3VA12	55kA	630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA13		250	3VA1225-5EF32-0AA0		3VA1225-5GF42-0AA0	
		320	3VA1332-5EF32-0AA0		3VA1332-5GF42-0AA0	
3VA14		400	3VA1340-5EF32-0AA0		3VA1340-5GF42-0AA0	
3VA14	500	3VA1450-5EF32-0AA0	3VA1450-5GF42-0AA0			
	630	3VA1463-5EF32-0AA0	3VA1463-5GF42-0AA0			
3VA12	70kA	250	3VA1225-6EF32-0AA0		3VA1225-6GF42-0AA0	
3VA13		320	3VA1332-6EF32-0AA0		3VA1332-6GF42-0AA0	
		400	3VA1340-6EF32-0AA0	3VA1340-6GF42-0AA0		
3VA14		500	3VA1450-6EF32-0AA0	3VA1450-6GF42-0AA0		
3VA14	630	3VA1463-6EF32-0AA0	3VA1463-6GF42-0AA0			

For lower ratings, please contact your nearest Siemens Sales Office

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

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50/60Hz)		Breaking Capacity (70kA, 415V, 50/60Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0*	28925.-	3VA1181-6MG32-0AA0*	35520.-
	2	3VA1102-5MG32-0AA0*	28925.-	3VA1102-6MG32-0AA0*	35520.-
	4	3VA1104-5MG32-0AA0*	28925.-	3VA1104-6MG32-0AA0*	35520.-
	8	3VA1108-5MG32-0AA0*	28925.-	3VA1108-6MG32-0AA0*	35520.-
	12.5	3VA1192-5MG32-0AA0*	28925.-	3VA1192-6MG32-0AA0*	35520.-
	20	3VA1120-5MH32-0AA0	28925.-	3VA1120-6MH32-0AA0	35520.-
	32	3VA1132-5MH32-0AA0	34550.-	3VA1132-6MH32-0AA0	37230.-
	40	3VA1140-5MH32-0AA0	34550.-	3VA1140-6MH32-0AA0	37230.-
	50	3VA1150-5MH32-0AA0	34550.-	3VA1150-6MH32-0AA0	37230.-
	63	3VA1163-5MH32-0AA0	34550.-	3VA1163-6MH32-0AA0	37230.-
	80	3VA1180-5MH32-0AA0	34550.-	3VA1180-6MH32-0AA0	37230.-
	100	3VA1110-5MH32-0AA0	34550.-	3VA1110-6MH32-0AA0	37230.-
	125	3VA1112-5MH32-0AA0	49560.-	3VA1112-6MH32-0AA0	53575.-
	3VA12	160	3VA1216-5MH32-0AA0	52010.-	3VA1216-6MH32-0AA0
200		3VA1220-5MH32-0AA0	71525.-	3VA1220-6MH32-0AA0	87775.-
3VA13	250	3VA1325-5MH32-0AA0	78050.-	3VA1325-6MH32-0AA0	88830.-
	320	3VA1332-5MH32-0AA0	107095.-	3VA1332-6MH32-0AA0	122040.-
3VA14	400	3VA1440-5MH32-0AA0	122590.-	3VA1440-6MH32-0AA0	128095.-
	500	3VA1450-5MH32-0AA0	141125.-	3VA1450-6MH32-0AA0	160230.-
3VA15	630	3VA1563-5MH32-0AA0	162695.-	3VA1563-6MH32-0AA0	177240.-
	800	3VA1580-5MH32-0AA0	216110.-	3VA1580-6MH32-0AA0	237965.-

POR: Price On Request

Std. Pkg. = 1 unit

& Fixed magnetic trip unit

\* LP - List Price

SETRON 3VA MCCB, Switch Disconnector (without protection)

Frame Size	Breaking Capacity	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	NA	63	3VA1163-1AA32-0AA0	24275.-	3VA1163-1AA42-0AA0	35875.-
		100	3VA1110-1AA32-0AA0	24275.-	3VA1110-1AA42-0AA0	35875.-
		125	3VA1112-1AA32-0AA0	49660.-	3VA1112-1AA42-0AA0	66205.-
		160	3VA1116-1AA32-0AA0	49660.-	3VA1116-1AA42-0AA0	66205.-
3VA12	NA	250	3VA1225-1AA32-0AA0	49660.-	3VA1225-1AA42-0AA0	66205.-
3VA13	NA	400	3VA1340-1AA32-0AA0	64045.-	3VA1340-1AA42-0AA0	83285.-

NA - Not Applicable

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

### Earth fault monitoring relay

Description	Type	Unit LP* ₹	
Earth fault monitoring relay	7UG0861-1BU20	8870.-	
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	3060.-
	4P	7UG09911	3490.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 160A/250A	3P	7UG09912	3695.-
	4P	7UG09913	4355.-
CBCT for EFR: 630 frame Suitable for 3VA1/3VA2 400A/ 630A	3P	7UG09914	5450.-
	4P	7UG09915	5900.-



### Earth leakage monitoring relay

Description	Type	Unit LP* ₹	
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	8580.-
	230VAC	7UG0842-1CD20	8670.-
CBCT for ELR	35 mm dia	7UG0996	3120.-
	70 mm dia	7UG0997	3570.-
	120 mm dia	7UG0999	6080.-
	210 mm dia	7UG0994	11690.-
	310 mm dia	7UG0995	17425.-



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



MCCB with O/L & S/C protection

+



Shunt release

+



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

=



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

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

Inbuilt  
in ETU5

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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



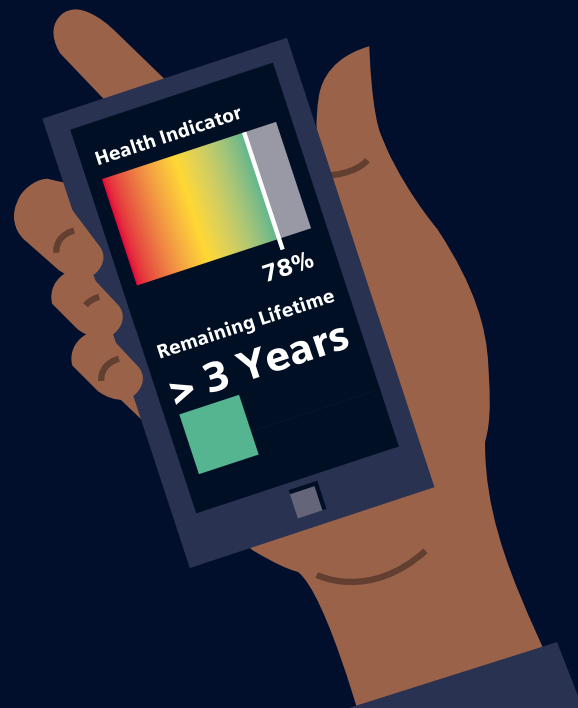
Reduced time and costs for  
maintenance



### 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 - Flying on the wings of technology

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole		4 Pole		
			Type	Unit LP* ₹	Type	Unit LP* ₹	
3VA20	36kA	25	3VA2025-4HL32-0AA0	57025.-	3VA2025-4HL42-0AA0	73520.-	
		40	3VA2040-4HL32-0AA0	57025.-	3VA2040-4HL42-0AA0	73520.-	
		63	3VA2063-4HL32-0AA0	57025.-	3VA2063-4HL42-0AA0	73520.-	
		100	3VA2010-4HL32-0AA0	57025.-	3VA2010-4HL42-0AA0	73520.-	
		160	3VA2116-4HL32-0AA0	77105.-	3VA2116-4HL42-0AA0	107620.-	
		250	3VA2225-4HL32-0AA0	105815.-	3VA2225-4HL42-0AA0	143480.-	
3VA21	36kA	400	3VA2340-4HL32-0AA0	141380.-	3VA2340-4HL42-0AA0	186080.-	
3VA22		630	3VA2463-4HL32-0AA0	146980.-	3VA2463-4HL42-0AA0	194765.-	
3VA23		25	3VA2025-5HL32-0AA0	72525.-	3VA2025-5HL42-0AA0	99355.-	
3VA24		40	3VA2040-5HL32-0AA0	72525.-	3VA2040-5HL42-0AA0	99355.-	
3VA20		55kA	63	3VA2063-5HL32-0AA0	72525.-	3VA2063-5HL42-0AA0	99355.-
			100	3VA2010-5HL32-0AA0	72525.-	3VA2010-5HL42-0AA0	99355.-
	160		3VA2116-5HL32-0AA0	91930.-	3VA2116-5HL42-0AA0	119040.-	
	250		3VA2225-5HL32-0AA0	120105.-	3VA2225-5HL42-0AA0	158580.-	
	400		3VA2340-5HL32-0AA0	152440.-	3VA2340-5HL42-0AA0	199780.-	
	630		3VA2463-5HL32-0AA0	187260.-	3VA2463-5HL42-0AA0	209120.-	
3VA21	55kA	800	3VA2580-5HL32-0AA0	273800.-	3VA2580-5HL42-0AA0	350245.-	
3VA22		1000	3VA2510-5HL32-0AA0	362800.-	3VA2510-5HL42-0AA0	484350.-	
3VA23		1250	3VA2612-5HL32-0AA0	514380.-	3VA2612-5HL42-0AA0	686860.-	
3VA24		25	3VA2025-6HL32-0AA0	94815.-	3VA2025-6HL42-0AA0	117460.-	
3VA20		85kA	40	3VA2040-6HL32-0AA0	94815.-	3VA2040-6HL42-0AA0	117460.-
			63	3VA2063-6HL32-0AA0	94815.-	3VA2063-6HL42-0AA0	117460.-
	100		3VA2010-6HL32-0AA0	94815.-	3VA2010-6HL42-0AA0	117460.-	
	160		3VA2116-6HL32-0AA0	124325.-	3VA2116-6HL42-0AA0	158710.-	
	250		3VA2225-6HL32-0AA0	138080.-	3VA2225-6HL42-0AA0	201080.-	
	400		3VA2340-6HL32-0AA0	173265.-	3VA2340-6HL42-0AA0	227505.-	
3VA21	85kA	630	3VA2463-6HL32-0AA0	206995.-	3VA2463-6HL42-0AA0	276185.-	
3VA22		800	3VA2580-6HL32-0AA0	301035.-	3VA2580-6HL42-0AA0	400420.-	
3VA23		1000	3VA2510-6HL32-0AA0	414900.-	3VA2510-6HL42-0AA0	553825.-	
3VA24		1250	3VA2612-6HL32-0AA0	587855.-	3VA2612-6HL42-0AA0	786875.-	
3VA25		85kA	25	3VA2025-6HM32-0AA0	78545.-	3VA2025-6HM42-0AA0	96835.-
3VA26			40	3VA2040-6HM32-0AA0	78545.-	3VA2040-6HM42-0AA0	96835.-

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	78545.-	3VA2025-4HM42-0AA0	96835.-	
		40	3VA2040-4HM32-0AA0	78545.-	3VA2040-4HM42-0AA0	96835.-	
		63	3VA2063-4HM32-0AA0	78545.-	3VA2063-4HM42-0AA0	96835.-	
		100	3VA2010-4HM32-0AA0	78545.-	3VA2010-4HM42-0AA0	96835.-	
		160	3VA2116-4HM32-0AA0	99355.-	3VA2116-4HM42-0AA0	123735.-	
		250	3VA2225-4HM32-0AA0	125565.-	3VA2225-4HM42-0AA0	157825.-	
3VA21	36kA	400	3VA2340-4HM32-0AA0	168875.-	3VA2340-4HM42-0AA0	213000.-	
3VA22		630	3VA2463-4HM32-0AA0	185755.-	3VA2463-4HM42-0AA0	234260.-	
3VA23		25	3VA2025-5HM32-0AA0	89540.-	3VA2025-5HM42-0AA0	102605.-	
3VA24		40	3VA2040-5HM32-0AA0	89540.-	3VA2040-5HM42-0AA0	102605.-	
3VA20		55kA	63	3VA2063-5HM32-0AA0	89540.-	3VA2063-5HM42-0AA0	102605.-
			100	3VA2010-5HM32-0AA0	91385.-	3VA2010-5HM42-0AA0	107235.-
	160		3VA2116-5HM32-0AA0	123115.-	3VA2116-5HM42-0AA0	147740.-	
	250		3VA2225-5HM32-0AA0	150135.-	3VA2225-5HM42-0AA0	187390.-	
	400		3VA2340-5HM32-0AA0	181300.-	3VA2340-5HM42-0AA0	228690.-	
	630		3VA2463-5HM32-0AA0	199470.-	3VA2463-5HM42-0AA0	251510.-	
3VA21	55kA	800	3VA2580-5HM32-0AA0	289450.-	3VA2580-5HM42-0AA0	376305.-	
3VA22		1000	3VA2510-5HM32-0AA0	388850.-	3VA2510-5HM42-0AA0	510415.-	
3VA23		1250	3VA2612-5HM32-0AA0	543965.-	3VA2612-5HM42-0AA0	718495.-	
3VA24		25	3VA2025-6HM32-0AA0	111795.-	3VA2025-6HM42-0AA0	135960.-	
3VA20		85kA	40	3VA2040-6HM32-0AA0	111795.-	3VA2040-6HM42-0AA0	135960.-
			63	3VA2063-6HM32-0AA0	111795.-	3VA2063-6HM42-0AA0	135960.-
	100		3VA2010-6HM32-0AA0	111795.-	3VA2010-6HM42-0AA0	135960.-	
	160		3VA2116-6HM32-0AA0	142435.-	3VA2116-6HM42-0AA0	178790.-	
	250		3VA2225-6HM32-0AA0	166825.-	3VA2225-6HM42-0AA0	234050.-	
	400		3VA2340-6HM32-0AA0	202130.-	3VA2340-6HM42-0AA0	256380.-	
3VA21	85kA	630	3VA2463-6HM32-0AA0	222325.-	3VA2463-6HM42-0AA0	282050.-	
3VA22		800	3VA2580-6HM32-0AA0	326140.-	3VA2580-6HM42-0AA0	426480.-	
3VA23		1000	3VA2510-6HM32-0AA0	439985.-	3VA2510-6HM42-0AA0	579870.-	
3VA24		1250	3VA2612-6HM32-0AA0	618475.-	3VA2612-6HM42-0AA0	818500.-	
3VA25		85kA	25	3VA2025-6HM32-0AA0	111795.-	3VA2025-6HM42-0AA0	135960.-
3VA26			40	3VA2040-6HM32-0AA0	111795.-	3VA2040-6HM42-0AA0	135960.-

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)	3920.-	3VA9988-0AA12 (1 C/O)	3920.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	6060.-	3VA9988-0AB12 (1 C/O)	6060.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	3230.- 3230.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA9988-0AB22	3230.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz	3VA9908-0BB24	9275.-	3VA9908-0BB24	9275.-
208-230 V AC 50/60 Hz	3VA9908-0BB25	9275.-	3VA9908-0BB25	9275.-
380-400 V AC 50/60 Hz	3VA9908-0BB26	9275.-	3VA9908-0BB26	9275.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz	3VA9988-0BA22	6985.-	3VA9988-0BA22	6985.-
208-277 V AC 50/60 Hz	3VA9988-0BA23	6985.-	3VA9988-0BA23	6985.-
380-500 V AC 50/60 Hz	3VA9988-0BA24	6985.-	3VA9988-0BA24	6985.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz	3VA9988-0BL32	6985.-	3VA9988-0BL32	6985.-
208-277 V AC 50/60 Hz	3VA9988-0BL33	6985.-	3VA9988-0BL33	6985.-
380-500 V AC 50/60 Hz	3VA9988-0BL20	6985.-	3VA9988-0BL20	6985.-
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)	4280.- 4495.- 7045.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)	4495.- 7045.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	20030.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	20030.-
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)	11960.- 13150.- 16710.- 21995.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	13150.- 16710.- 21995.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	8970.- 8970.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	8970.- 8970.-
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)	11960.- 12415.- 14020.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	13150.- 14020.-
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)	3650.- 4810.- 10385.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	4810.- 10385.-
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)	40130.- 52520.- 62010.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	52520.- 62010.-
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)	1800.- 2300.- 2245.- 2980.- 3005.- 3895.-	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)	2425.- 3160.- 3005.- 3895.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	11010.- 14710.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	11010.- 14710.-
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)	4100.- 5540.- 5240.- 7010.- 8510.- 11345.-	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)	5240.- 7010.- 8510.- 11345.-
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)	780.- 780.- 1840.- 1850.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	780.- 1840.- 1850.-
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 <sup>5</sup> (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	549225.-	3VA2712-5AB13-0AA0	738710.-
		1600	3VA2716-5AB03-0AA0	760115.-	3VA2716-5AB13-0AA0	1022900.-
	85kA	1250	3VA2712-6AB03-0AA0	603365.-	3VA2712-6AB13-0AA0	811995.-
		1600	3VA2716-6AB03-0AA0	834550.-	3VA2716-6AB13-0AA0	1124395.-

### SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIG, Ics = 100% Icu, 415VAC, 50Hz <sup>5</sup> (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	594340.-	3VA2712-5AD13-0AA0	782680.-
		1600	3VA2716-5AD03-0AA0	804095.-	3VA2716-5AD13-0AA0	1066870.-
	85kA	1250	3VA2712-6AD03-0AA0	647340.-	3VA2712-6AD13-0AA0	857105.-
		1600	3VA2716-6AD03-0AA0	878555.-	3VA2716-6AD13-0AA0	1172880.-

## Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	9050.-	1
	Alarm switch (TAS)	3VW9011-0AH14	4465.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	20810.- 20810.-	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	22525.- 22525.- 22525.-	1
	Extended Door Mounted Rotary Operator <sup>^</sup> (Standard - Gray)	3VW9727-0FK21	20030.-	1

<sup>5</sup> Toggle lever variants <sup>^</sup>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](http://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](mailto:ics.india@siemens.com)

[www.siemens.com/3VA](http://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

[www.siemens.co.in](http://www.siemens.co.in)

## 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 <sup>®</sup> ₹	4 Pole Type	Unit MRP <sup>®</sup> ₹
3VM10	16kA	16	3VM1096-2ED32-0AA0	15470.-	3VM1096-2ED42-0AA0	20050.-
		20	3VM1020-2ED32-0AA0	15470.-	3VM1020-2ED42-0AA0	20050.-
		25	3VM1025-2ED32-0AA0	15470.-	3VM1025-2ED42-0AA0	20050.-
		32	3VM1032-2ED32-0AA0	15470.-	3VM1032-2ED42-0AA0	20050.-
		40	3VM1040-2ED32-0AA0	15470.-	3VM1040-2ED42-0AA0	20050.-
		50	3VM1050-2ED32-0AA0	15470.-	3VM1050-2ED42-0AA0	20050.-
		63	3VM1063-2ED32-0AA0	15470.-	3VM1063-2ED42-0AA0	20050.-
		80	3VM1080-2ED32-0AA0	16905.-	3VM1080-2ED42-0AA0	21950.-
3VM10	25kA	100	3VM1010-2ED32-0AA0	18350.-	3VM1010-2ED42-0AA0	23905.-
		16	3VM1096-3ED32-0AA0	16030.-	3VM1096-3ED42-0AA0	20930.-
		20	3VM1020-3ED32-0AA0	16030.-	3VM1020-3ED42-0AA0	20930.-
		25	3VM1025-3ED32-0AA0	16030.-	3VM1025-3ED42-0AA0	20930.-
		32	3VM1032-3ED32-0AA0	16030.-	3VM1032-3ED42-0AA0	20930.-
		40	3VM1040-3ED32-0AA0	16030.-	3VM1040-3ED42-0AA0	20930.-
		50	3VM1050-3ED32-0AA0	16030.-	3VM1050-3ED42-0AA0	20930.-
		63	3VM1063-3ED32-0AA0	16030.-	3VM1063-3ED42-0AA0	20930.-
3VM11		80	3VM1080-3ED32-0AA0	17455.-	3VM1080-3ED42-0AA0	22700.-
		100	3VM1010-3ED32-0AA0	18745.-	3VM1010-3ED42-0AA0	24395.-
		125	3VM1112-3ED32-0AA0	24025.-	3VM1112-3ED42-0AA0	31725.-
		160	3VM1116-3ED32-0AA0	31340.-	3VM1116-3ED42-0AA0	39690.-

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	16915.-	3VM1196-4GD42-0AA0	23415.-
		20	3VM1120-4ED32-0AA0	16915.-	3VM1120-4GD42-0AA0	23415.-
		25	3VM1125-4ED32-0AA0	16915.-	3VM1125-4GD42-0AA0	23415.-
		32	3VM1132-4ED32-0AA0	16915.-	3VM1132-4GD42-0AA0	23415.-
		40	3VM1140-4ED32-0AA0	16915.-	3VM1140-4GD42-0AA0	23415.-
		50	3VM1150-4ED32-0AA0	16915.-	3VM1150-4GD42-0AA0	23415.-
		63	3VM1163-4ED32-0AA0	16915.-	3VM1163-4GD42-0AA0	23415.-
		80	3VM1180-4ED32-0AA0	17770.-	3VM1180-4GD42-0AA0	25680.-
		100	3VM1110-4ED32-0AA0	20615.-	3VM1110-4GD42-0AA0	29680.-
		125	3VM1112-4ED32-0AA0	36190.-	3VM1112-4GD42-0AA0	47050.-
		160	3VM1116-4ED32-0AA0	39975.-	3VM1116-4GD42-0AA0	51990.-
3VM12		200	3VM1220-4ED32-0AA0	42950.-	3VM1220-4GD42-0AA0	53165.-
		250	3VM1225-4ED32-0AA0	57290.-	3VM1225-4GD42-0AA0	67500.-
3VM13		320	3VM1332-4ED32-0AA0	87180.-	3VM1332-4GD42-0AA0	112865.-
		400	3VM1340-4ED32-0AA0	87180.-	3VM1340-4GD42-0AA0	112865.-
3VM14		500	3VM1450-4ED32-0AA0	112520.-	3VM1450-4GD42-0AA0	145760.-
		630	3VM1463-4ED32-0AA0	112520.-	3VM1463-4GD42-0AA0	145760.-

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

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

\* LP - List Price

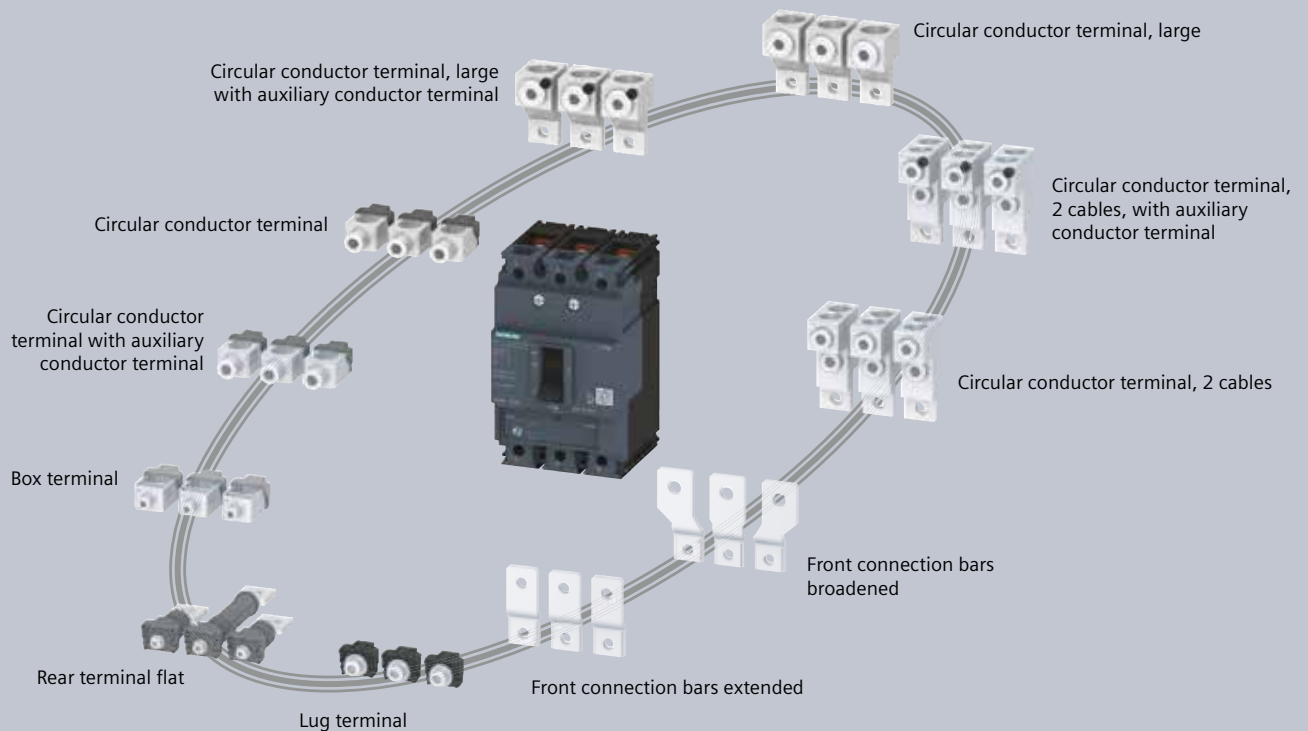
® MRP - Max. Retail Price

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM1196-5ED32-0AA0	19445.-	3VM1196-5GD42-0AA0	25225.-
		20	3VM1120-5ED32-0AA0	19445.-	3VM1120-5GD42-0AA0	25225.-
		25	3VM1125-5ED32-0AA0	19445.-	3VM1125-5GD42-0AA0	25225.-
		32	3VM1132-5ED32-0AA0	19445.-	3VM1132-5GD42-0AA0	25225.-
		40	3VM1140-5ED32-0AA0	19445.-	3VM1140-5GD42-0AA0	25225.-
		50	3VM1150-5ED32-0AA0	19445.-	3VM1150-5GD42-0AA0	25225.-
		63	3VM1163-5ED32-0AA0	19445.-	3VM1163-5GD42-0AA0	25225.-
		80	3VM1180-5ED32-0AA0	21305.-	3VM1180-5GD42-0AA0	27695.-
		100	3VM1110-5ED32-0AA0	24680.-	3VM1110-5GD42-0AA0	32040.-
		125	3VM1112-5ED32-0AA0	39775.-	3VM1112-5GD42-0AA0	51705.-
		160	3VM1116-5ED32-0AA0	43940.-	3VM1116-5GD42-0AA0	57170.-
3VM12		200	3VM1220-5ED32-0AA0	47530.-	3VM1220-5GD42-0AA0	60225.-
		250	3VM1225-5ED32-0AA0	61870.-	3VM1225-5GD42-0AA0	74570.-
3VM13		320	3VM1332-5ED32-0AA0	99410.-	3VM1332-5GD42-0AA0	124525.-
		400	3VM1340-5ED32-0AA0	99410.-	3VM1340-5GD42-0AA0	124525.-
3VM14		500	3VM1450-5ED32-0AA0	128570.-	3VM1450-5GD42-0AA0	160615.-
		630	3VM1463-5ED32-0AA0	128570.-	3VM1463-5GD42-0AA0	160615.-

Circuit Breakers

## An extensive portfolio of connection components....



**..to meet ALL installation requirements.**

Std. Pkg. = 1 unit

\* LP - List Price

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

Frame Size	Breaking Capacity @ 415VAC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	25kA	16	3VM1196-3EE32-0AA0	19050.-	3VM1196-3GE42-0AA0	28700.-
		20	3VM1120-3EE32-0AA0	19050.-	3VM1120-3GE42-0AA0	28700.-
		25	3VM1125-3EE32-0AA0	19050.-	3VM1125-3GE42-0AA0	28700.-
		32	3VM1132-3EE32-0AA0	19050.-	3VM1132-3GE42-0AA0	28700.-
		40	3VM1140-3EE32-0AA0	19050.-	3VM1140-3GE42-0AA0	28700.-
		50	3VM1150-3EE32-0AA0	19050.-	3VM1150-3GE42-0AA0	28700.-
		63	3VM1163-3EE32-0AA0	19050.-	3VM1163-3GE42-0AA0	28700.-
		80	3VM1180-3EE32-0AA0	19050.-	3VM1180-3GE42-0AA0	28700.-
		100	3VM1110-3EE32-0AA0	19050.-	3VM1110-3GE42-0AA0	28700.-
		125	3VM1112-3EE32-0AA0	24575.-	3VM1112-3GE42-0AA0	33640.-
		160	3VM1116-3EE32-0AA0	33820.-	3VM1116-3GE42-0AA0	43050.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	24640.-	3VM1196-4GE42-0AA0	32240.-
		20	3VM1120-4EE32-0AA0	24640.-	3VM1120-4GE42-0AA0	32240.-
		25	3VM1125-4EE32-0AA0	24640.-	3VM1125-4GE42-0AA0	32240.-
		32	3VM1132-4EE32-0AA0	24640.-	3VM1132-4GE42-0AA0	32240.-
		40	3VM1140-4EE32-0AA0	24640.-	3VM1140-4GE42-0AA0	32240.-
		50	3VM1150-4EE32-0AA0	24640.-	3VM1150-4GE42-0AA0	32240.-
		63	3VM1163-4EE32-0AA0	24640.-	3VM1163-4GE42-0AA0	32240.-
		80	3VM1180-4EE32-0AA0	24640.-	3VM1180-4GE42-0AA0	32240.-
		100	3VM1110-4EE32-0AA0	24640.-	3VM1110-4GE42-0AA0	32240.-
		125	3VM1112-4EE32-0AA0	37915.-	3VM1112-4GE42-0AA0	48280.-
		160	3VM1116-4EE32-0AA0	41075.-	3VM1116-4GE42-0AA0	53330.-
3VM12		200	3VM1220-4EE32-0AA0	59420.-	3VM1220-4GE42-0AA0	69345.-
		250	3VM1225-4EE32-0AA0	59420.-	3VM1225-4GE42-0AA0	69345.-
3VM13		320	3VM1332-4EE32-0AA0	87180.-	3VM1332-4GE42-0AA0	112865.-
		400	3VM1340-4EE32-0AA0	87180.-	3VM1340-4GE42-0AA0	112865.-
3VM14		500	3VM1450-4EE32-0AA0	112520.-	3VM1450-4GE42-0AA0	145760.-
		630	3VM1463-4EE32-0AA0	112520.-	3VM1463-4GE42-0AA0	145760.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	28070.-	3VM1196-5GE42-0AA0	35465.-
		20	3VM1120-5EE32-0AA0	28070.-	3VM1120-5GE42-0AA0	35465.-
		25	3VM1125-5EE32-0AA0	28070.-	3VM1125-5GE42-0AA0	35465.-
		32	3VM1132-5EE32-0AA0	28070.-	3VM1132-5GE42-0AA0	35465.-
		40	3VM1140-5EE32-0AA0	28070.-	3VM1140-5GE42-0AA0	35465.-
		50	3VM1150-5EE32-0AA0	28070.-	3VM1150-5GE42-0AA0	35465.-
		63	3VM1163-5EE32-0AA0	28070.-	3VM1163-5GE42-0AA0	35465.-
		80	3VM1180-5EE32-0AA0	28070.-	3VM1180-5GE42-0AA0	35465.-
		100	3VM1110-5EE32-0AA0	28070.-	3VM1110-5GE42-0AA0	35465.-
		125	3VM1112-5EE32-0AA0	44065.-	3VM1112-5GE42-0AA0	52930.-
		160	3VM1116-5EE32-0AA0	45175.-	3VM1116-5GE42-0AA0	58300.-
3VM12		200	3VM1220-5EE32-0AA0	63855.-	3VM1220-5GE42-0AA0	76190.-
		250	3VM1225-5EE32-0AA0	63855.-	3VM1225-5GE42-0AA0	76190.-
3VM13		320	3VM1332-5EE32-0AA0	99410.-	3VM1332-5GE42-0AA0	124525.-
		400	3VM1340-5EE32-0AA0	99410.-	3VM1340-5GE42-0AA0	124525.-
3VM14		500	3VM1450-5EE32-0AA0	128570.-	3VM1450-5GE42-0AA0	160615.-
		630	3VM1463-5EE32-0AA0	128570.-	3VM1463-5GE42-0AA0	160615.-

Circuit Breakers

Std. Pkg. = 1 unit

\* LP - List Price

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

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50/60Hz)	Unit LP* ₹
3VM11	8 <sup>1)</sup>	3VM1108-5MG32-0AA0	24445.-
	12.5 <sup>1)</sup>	3VM1192-5MG32-0AA0	24445.-
	20	3VM1120-5MH32-0AA0	24445.-
	32	3VM1132-5MH32-0AA0	29215.-
	40	3VM1140-5MH32-0AA0	29215.-
	50	3VM1150-5MH32-0AA0	29215.-
	63	3VM1163-5MH32-0AA0	29215.-
	80	3VM1180-5MH32-0AA0	29215.-
	100	3VM1110-5MH32-0AA0	29215.-
3VM12	125	3VM1112-5MH32-0AA0	43475.-
	160	3VM1216-5MH32-0AA0	43475.-
3VM13	200	3VM1220-5MH32-0AA0	65955.-
	250	3VM1325-5MH32-0AA0	78050.-
3VM14	320	3VM1332-5MH32-0AA0	107095.-
	400	3VM1440-5MH32-0AA0	122590.-
	500	3VM1450-5MH32-0AA0	141125.-



Please refer recommended Type-2 coordination chart.

SETRON 3VM, Switch Disconnecter (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	18250.-	3VM1163-1AA42-0AA0	26955.-
	100	3VM1110-1AA32-0AA0	18250.-	3VM1110-1AA42-0AA0	26955.-
	125	3VM1112-1AA32-0AA0	26615.-	3VM1112-1AA42-0AA0	33500.-
	160	3VM1116-1AA32-0AA0	26615.-	3VM1116-1AA42-0AA0	33500.-
3VM12	250	3VM1225-1AA32-0AA0	44295.-	3VM1225-1AA42-0AA0	59080.-
3VM13	400	3VM1340-1AA32-0AA0	64045.-	3VM1340-1AA42-0AA0	83285.-

<sup>1)</sup> Fixed magnetic

## 3VM Plug in Portfolio

16A-630A, 3P & 4P



3VM MCCB



Plug in kit

### Plug in technology



Easy to handle



Quick Replacement



Safe Installation

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

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

Frame Size	Breaking Capacity	Rated Current In (A)	1 Pole Type	Unit LP* ₹	2 Pole Type	Unit LP* ₹
3VM11	25kA <sup>1)</sup>	16	3VM1196-3ED12-0AA0	7120.-	3VM1196-3ED22-0AA0	12765.-
		20	3VM1120-3ED12-0AA0	7120.-	3VM1120-3ED22-0AA0	12765.-
		25	3VM1125-3ED12-0AA0	7120.-	3VM1125-3ED22-0AA0	12765.-
		32	3VM1132-3ED12-0AA0	7120.-	3VM1132-3ED22-0AA0	12765.-
		40	3VM1140-3ED12-0AA0	7120.-	3VM1140-3ED22-0AA0	12765.-
		50	3VM1150-3ED12-0AA0	7120.-	3VM1150-3ED22-0AA0	12765.-
		63	3VM1163-3ED12-0AA0	7120.-	3VM1163-3ED22-0AA0	12765.-
		80	3VM1180-3ED12-0AA0	7825.-	3VM1180-3ED22-0AA0	13980.-
		100	3VM1110-3ED12-0AA0	9030.-	3VM1110-3ED22-0AA0	16380.-
		125	3VM1112-3ED12-0AA0	14590.-	3VM1112-3ED22-0AA0	26505.-
3VM11	36kA <sup>1)</sup>	160	3VM1116-3ED12-0AA0	17000.-	3VM1116-3ED22-0AA0	30615.-
		16	3VM1196-4ED12-0AA0	7700.-	3VM1196-4ED22-0AA0	13980.-
		20	3VM1120-4ED12-0AA0	7700.-	3VM1120-4ED22-0AA0	13980.-
		25	3VM1125-4ED12-0AA0	7700.-	3VM1125-4ED22-0AA0	13980.-
		32	3VM1132-4ED12-0AA0	7700.-	3VM1132-4ED22-0AA0	13980.-
		40	3VM1140-4ED12-0AA0	7700.-	3VM1140-4ED22-0AA0	13980.-
		50	3VM1150-4ED12-0AA0	7700.-	3VM1150-4ED22-0AA0	13980.-
		63	3VM1163-4ED12-0AA0	7700.-	3VM1163-4ED22-0AA0	13980.-
		80	3VM1180-4ED12-0AA0	8555.-	3VM1180-4ED22-0AA0	15440.-
		100	3VM1110-4ED12-0AA0	9215.-	3VM1110-4ED22-0AA0	17830.-
125	3VM1112-4ED12-0AA0	15815.-	3VM1112-4ED22-0AA0	28425.-		
160	3VM1116-4ED12-0AA0	18430.-	3VM1116-4ED22-0AA0	33255.-		

<sup>1)</sup> 1pole : Icu 25kA/ 36kA @ 240VAC, 2pole : Icu 25kA/ 36kA @ 415VAC

Earth fault protection for SENTRON 3VM moulded case circuit breaker

Description	Type	Unit LP* ₹	
Earth fault monitoring relay • Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	8870.-	
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	3060.-
	4P	7UG09911	3490.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	3695.-
	4P	7UG09913	4355.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	5450.-
	4P	7UG09915	5900.-

Earth leakage protection for SENTRON 3VM moulded case circuit breaker

Description	Type	Unit LP* ₹	
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	8580.-
	230VAC	7UG0842-1CD20	8670.-
CBCT for ELR	35 mm dia	7UG0996	3120.-
	70 mm dia	7UG0997	3570.-
	120 mm dia	7UG0999	6080.-
	210 mm dia	7UG0994	11690.-
	310 mm dia	7UG0995	17425.-

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

Std. Pkg. = 1 unit

\* LP - List Price

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

MLFB	Description	Unit LP*₹
<b>Auxiliary Switches and Alarm Switches (1 C/O)</b>		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	3070.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	3070.-
<b>Undervoltage releases</b>		
3VM9908-0BB11	UVR 24V DC	6840.-
3VM9908-0BB12	UVR 48V DC	6840.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	6840.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	6840.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	6840.-
<b>Shunt release (Left)</b>		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	5545.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	5545.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	5545.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	5545.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	5545.-

External Accessories:

MLFB	Description	Unit LP*₹
<b>Rotary Handles <sup>1)</sup></b>		
3VM9117-0FK51 <sup>®</sup>	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	3455.-
3VM9217-0FK51 <sup>®</sup>	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	4360.-
3VM9417-0FK51 <sup>®</sup>	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	4920.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	4380.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	5750.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	6345.-
<b>Spreaders (incl. Phase barriers)</b>		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	1810.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	2315.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	2260.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	3005.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	3030.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	3935.-
<b>Extended terminals (incl. Phase barriers)</b>		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	1525.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	2035.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	2050.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	2670.-
<b>Phase barriers</b>		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	1290.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	1795.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	1795.-
<b>Locking device for breaker with Toggle lever</b>		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	3405.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	4490.-
<b>Interlocking (for MCCBs with 8UC handles)</b>		
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	8970.-



Notes:

# The 11<sup>th</sup> and 12<sup>th</sup> 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. 11<sup>th</sup> place will be A, B, C, D for castell lock type A, B, C, D respectively. 11<sup>th</sup> and 12<sup>th</sup> place will be A0, 0B, 0C, AB, AC for castell lock type A-, -B, -C, AB, AC respectively

<sup>®</sup> 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.

<sup>1)</sup> 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  
Efficient design



Versatile  
For various applications



Reliable  
Siemens trusted quality



Operational efficiency  
Reduced downtime

**NEW**



## Product highlights

### Range

Current rating from  
**160A to 630A**

Ics = Icu =  
**55kA**

### Microprocessor Based trip units



Color coded knob switches & Display options

3P, 4P  
LSI, LSIG

### Enhanced protection

Microprocessor trip units

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



### Approbations

RoHS

IEC 60947-1  
General rules

IEC 60947-2  
Circuit breakers

IEC 60947-5-1

Control circuit devices and switching elements - Electromechanical control circuit devices

[www.siemens.co.in](http://www.siemens.co.in)

**SIEMENS**

THE POWER OF **SIMPLICITY**

# SINOPLUS 3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit



Compact  
Efficient design



Versatile  
For various  
applications



Reliable  
Siemens trusted  
quality



Operational  
efficiency  
Reduced  
downtime



[www.siemens.co.in](http://www.siemens.co.in)

**SIEMENS**

# 3VJ Moulded Case Circuit Breaker

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	4205.-	3VJ1096-0DA32-0AA0	5220.-	3VJ1096-0EA42-0AA0	7480.-
		20	3VJ1002-0DA22-0AA0	4205.-	3VJ1002-0DA32-0AA0	5220.-	3VJ1002-0EA42-0AA0	7480.-
		25	3VJ1092-0DA22-0AA0	4205.-	3VJ1092-0DA32-0AA0	5220.-	3VJ1092-0EA42-0AA0	7480.-
		32	3VJ1003-0DA22-0AA0	4205.-	3VJ1003-0DA32-0AA0	5220.-	3VJ1003-0EA42-0AA0	7480.-
		40	3VJ1004-0DA22-0AA0	4205.-	3VJ1004-0DA32-0AA0	5220.-	3VJ1004-0EA42-0AA0	7480.-
		50	3VJ1005-0DA22-0AA0	4205.-	3VJ1005-0DA32-0AA0	5220.-	3VJ1005-0EA42-0AA0	7480.-
		63	3VJ1006-0DA22-0AA0	4205.-	3VJ1006-0DA32-0AA0	5220.-	3VJ1006-0EA42-0AA0	7480.-
		80	3VJ1008-0DA22-0AA0	4205.-	3VJ1008-0DA32-0AA0	5220.-	3VJ1008-0EA42-0AA0	7480.-
		100	3VJ1010-0DA22-0AA0	4205.-	3VJ1010-0DA32-0AA0	5220.-	3VJ1010-0EA42-0AA0	7480.-
	125	3VJ1012-0DA22-0AA0	6500.-	3VJ1012-0DA32-0AA0	7830.-	3VJ1012-0EA42-0AA0	11215.-	
	18kA	16	3VJ1096-1DA22-0AA0	5815.-	3VJ1096-1DA32-0AA0	8395.-	3VJ1096-1EA42-0AA0	10765.-
		20	3VJ1002-1DA22-0AA0	5815.-	3VJ1002-1DA32-0AA0	8395.-	3VJ1002-1EA42-0AA0	10765.-
		25	3VJ1092-1DA22-0AA0	5815.-	3VJ1092-1DA32-0AA0	8395.-	3VJ1092-1EA42-0AA0	10765.-
		32	3VJ1003-1DA22-0AA0	5815.-	3VJ1003-1DA32-0AA0	8395.-	3VJ1003-1EA42-0AA0	10765.-
		40	3VJ1004-1DA22-0AA0	5815.-	3VJ1004-1DA32-0AA0	8395.-	3VJ1004-1EA42-0AA0	10765.-
		50	3VJ1005-1DA22-0AA0	5815.-	3VJ1005-1DA32-0AA0	8395.-	3VJ1005-1EA42-0AA0	10765.-
		63	3VJ1006-1DA22-0AA0	5815.-	3VJ1006-1DA32-0AA0	8395.-	3VJ1006-1EA42-0AA0	10765.-
		80	3VJ1008-1DA22-0AA0	5815.-	3VJ1008-1DA32-0AA0	8395.-	3VJ1008-1EA42-0AA0	10765.-
		100	3VJ1010-1DA22-0AA0	5815.-	3VJ1010-1DA32-0AA0	8395.-	3VJ1010-1EA42-0AA0	10765.-
	125	3VJ1012-1DA22-0AA0	6725.-	3VJ1012-1DA32-0AA0	9625.-	3VJ1012-1EA42-0AA0	12520.-	
	25kA	16	3VJ1096-3DA22-0AA0	6980.-	3VJ1096-3DA32-0AA0	9150.-	3VJ1096-3EA42-0AA0	12140.-
		20	3VJ1002-3DA22-0AA0	6980.-	3VJ1002-3DA32-0AA0	9150.-	3VJ1002-3EA42-0AA0	12140.-
		25	3VJ1092-3DA22-0AA0	6980.-	3VJ1092-3DA32-0AA0	9150.-	3VJ1092-3EA42-0AA0	12140.-
		32	3VJ1003-3DA22-0AA0	6980.-	3VJ1003-3DA32-0AA0	9150.-	3VJ1003-3EA42-0AA0	12140.-
		40	3VJ1004-3DA22-0AA0	6980.-	3VJ1004-3DA32-0AA0	9150.-	3VJ1004-3EA42-0AA0	12140.-
		50	3VJ1005-3DA22-0AA0	6980.-	3VJ1005-3DA32-0AA0	9150.-	3VJ1005-3EA42-0AA0	12140.-
		63	3VJ1006-3DA22-0AA0	6980.-	3VJ1006-3DA32-0AA0	9150.-	3VJ1006-3EA42-0AA0	12140.-
		80	3VJ1008-3DA22-0AA0	6980.-	3VJ1008-3DA32-0AA0	9150.-	3VJ1008-3EA42-0AA0	12140.-
		100	3VJ1010-3DA22-0AA0	6980.-	3VJ1010-3DA32-0AA0	9150.-	3VJ1010-3EA42-0AA0	12140.-
	125	3VJ1012-3DA22-0AA0	6980.-	3VJ1012-3DA32-0AA0	10460.-	3VJ1012-3EA42-0AA0	13345.-	

**Notes:**

Phase barriers are included in the standard MCCB packing

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

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

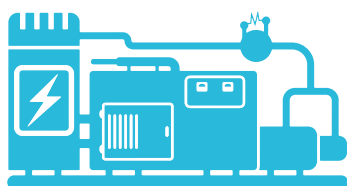


Circuit Breakers

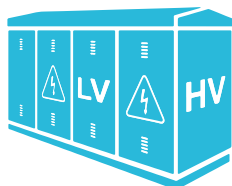
### 3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	14170.-	3VJ1216-3DA32-0AA0	16430.-	3VJ1216-3EA42-0AA0	21610.-
		200	3VJ1220-3DA22-0AA0	14335.-	3VJ1220-3DA32-0AA0	16685.-	3VJ1220-3EA42-0AA0	23730.-
		250	3VJ1225-3DA22-0AA0	14480.-	3VJ1225-3DA32-0AA0	18775.-	3VJ1225-3EA42-0AA0	24720.-
		320	-	-	3VJ1332-3DA32-0AA0	37190.-	3VJ1332-3EA42-0AA0	47900.-
3VJ13 (VJ1 400)		400	-	-	3VJ1340-3DA32-0AA0	37190.-	3VJ1340-3EA42-0AA0	47900.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	10740.-	3VJ1196-5DA32-0AA0	12775.-	3VJ1196-5EA42-0AA0	16870.-
		20	3VJ1102-5DA22-0AA0	10740.-	3VJ1102-5DA32-0AA0	12775.-	3VJ1102-5EA42-0AA0	16870.-
		25	3VJ1192-5DA22-0AA0	10740.-	3VJ1192-5DA32-0AA0	12775.-	3VJ1192-5EA42-0AA0	16870.-
		32	3VJ1103-5DA22-0AA0	10740.-	3VJ1103-5DA32-0AA0	12775.-	3VJ1103-5EA42-0AA0	16870.-
		40	3VJ1104-5DA22-0AA0	10740.-	3VJ1104-5DA32-0AA0	12775.-	3VJ1104-5EA42-0AA0	16870.-
		50	3VJ1105-5DA22-0AA0	10740.-	3VJ1105-5DA32-0AA0	12775.-	3VJ1105-5EA42-0AA0	16870.-
		63	3VJ1106-5DA22-0AA0	10740.-	3VJ1106-5DA32-0AA0	12775.-	3VJ1106-5EA42-0AA0	16870.-
		80	3VJ1108-5DA22-0AA0	10740.-	3VJ1108-5DA32-0AA0	13150.-	3VJ1108-5EA42-0AA0	17395.-
		100	3VJ1110-5DA22-0AA0	10740.-	3VJ1110-5DA32-0AA0	13150.-	3VJ1110-5EA42-0AA0	17395.-
		125	3VJ1112-5DA22-0AA0	10740.-	3VJ1112-5DA32-0AA0	14465.-	3VJ1112-5EA42-0AA0	18905.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	14945.-	3VJ1216-5DA32-0AA0	18395.-	3VJ1216-5EA42-0AA0	22375.-
		200	3VJ1220-5DA22-0AA0	15745.-	3VJ1220-5DA32-0AA0	22685.-	3VJ1220-5EA42-0AA0	29275.-
		250	3VJ1225-5DA22-0AA0	17770.-	3VJ1225-5DA32-0AA0	26070.-	3VJ1225-5EA42-0AA0	33550.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-5DA32-0AA0	38120.-	3VJ1332-5EA42-0AA0	48830.-
		400	-	-	3VJ1340-5DA32-0AA0	38120.-	3VJ1340-5EA42-0AA0	48830.-
3VJ14 (VJ1 630)		500	-	-	3VJ1450-5DA32-0AA0	57185.-	3VJ1450-5EA42-0AA0	73250.-
		630	-	-	3VJ1463-5DA32-0AA0	57185.-	3VJ1463-5EA42-0AA0	73250.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	11300.-	3VJ1196-7DA32-0AA0	16340.-	3VJ1196-7EA42-0AA0	21560.-
		20	3VJ1102-7DA22-0AA0	11300.-	3VJ1102-7DA32-0AA0	16340.-	3VJ1102-7EA42-0AA0	21560.-
		25	3VJ1192-7DA22-0AA0	11300.-	3VJ1192-7DA32-0AA0	16340.-	3VJ1192-7EA42-0AA0	21560.-
		32	3VJ1103-7DA22-0AA0	11300.-	3VJ1103-7DA32-0AA0	16340.-	3VJ1103-7EA42-0AA0	21560.-
		40	3VJ1104-7DA22-0AA0	11300.-	3VJ1104-7DA32-0AA0	16340.-	3VJ1104-7EA42-0AA0	21560.-
		50	3VJ1105-7DA22-0AA0	11300.-	3VJ1105-7DA32-0AA0	16340.-	3VJ1105-7EA42-0AA0	21560.-
		63	3VJ1106-7DA22-0AA0	11300.-	3VJ1106-7DA32-0AA0	16340.-	3VJ1106-7EA42-0AA0	21560.-
		80	3VJ1108-7DA22-0AA0	11300.-	3VJ1108-7DA32-0AA0	16340.-	3VJ1108-7EA42-0AA0	21560.-
		100	3VJ1110-7DA22-0AA0	11300.-	3VJ1110-7DA32-0AA0	16340.-	3VJ1110-7EA42-0AA0	21560.-
		125	3VJ1112-7DA22-0AA0	11300.-	3VJ1112-7DA32-0AA0	17980.-	3VJ1112-7EA42-0AA0	23710.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	16200.-	3VJ1216-7DA32-0AA0	22760.-	3VJ1216-7EA42-0AA0	30060.-
		200	3VJ1220-7DA22-0AA0	16525.-	3VJ1220-7DA32-0AA0	26165.-	3VJ1220-7EA42-0AA0	34555.-
		250	3VJ1225-7DA22-0AA0	18095.-	3VJ1225-7DA32-0AA0	30090.-	3VJ1225-7EA42-0AA0	39745.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-7DA32-0AA0	39055.-	3VJ1332-7EA42-0AA0	50230.-
		400	-	-	3VJ1340-7DA32-0AA0	39055.-	3VJ1340-7EA42-0AA0	50230.-
3VJ14 (VJ1 630)		500	-	-	3VJ1450-7DA32-0AA0	58580.-	3VJ1450-7EA42-0AA0	75330.-
		630	-	-	3VJ1463-7DA32-0AA0	58580.-	3VJ1463-7EA42-0AA0	75330.-

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	6650.-	3VJ1096-0EB42-0AA0	8980.-
		20	3VJ1002-0DB32-0AA0	6650.-	3VJ1002-0EB42-0AA0	8980.-
		25	3VJ1092-0DB32-0AA0	6650.-	3VJ1092-0EB42-0AA0	8980.-
		32	3VJ1003-0DB32-0AA0	6650.-	3VJ1003-0EB42-0AA0	8980.-
		40	3VJ1004-0DB32-0AA0	6650.-	3VJ1004-0EB42-0AA0	8980.-
		50	3VJ1005-0DB32-0AA0	6650.-	3VJ1005-0EB42-0AA0	8980.-
		63	3VJ1006-0DB32-0AA0	6650.-	3VJ1006-0EB42-0AA0	8980.-
		80	3VJ1008-0DB32-0AA0	6650.-	3VJ1008-0EB42-0AA0	8980.-
		100	3VJ1010-0DB32-0AA0	6650.-	3VJ1010-0EB42-0AA0	8980.-
	125	3VJ1012-0DB32-0AA0	9565.-	3VJ1012-0EB42-0AA0	13500.-	
	18kA	16	3VJ1096-1DB32-0AA0	10055.-	3VJ1096-1EB42-0AA0	12905.-
		20	3VJ1002-1DB32-0AA0	10055.-	3VJ1002-1EB42-0AA0	12905.-
		25	3VJ1092-1DB32-0AA0	10055.-	3VJ1092-1EB42-0AA0	12905.-
		32	3VJ1003-1DB32-0AA0	10055.-	3VJ1003-1EB42-0AA0	12905.-
		40	3VJ1004-1DB32-0AA0	10055.-	3VJ1004-1EB42-0AA0	12905.-
		50	3VJ1005-1DB32-0AA0	10055.-	3VJ1005-1EB42-0AA0	12905.-
		63	3VJ1006-1DB32-0AA0	10055.-	3VJ1006-1EB42-0AA0	12905.-
		80	3VJ1008-1DB32-0AA0	10055.-	3VJ1008-1EB42-0AA0	12905.-
		100	3VJ1010-1DB32-0AA0	10055.-	3VJ1010-1EB42-0AA0	12905.-
	125	3VJ1012-1DB32-0AA0	11525.-	3VJ1012-1EB42-0AA0	15010.-	
	25kA	16	3VJ1096-3DB32-0AA0	11550.-	3VJ1096-3EB42-0AA0	15320.-
		20	3VJ1002-3DB32-0AA0	11550.-	3VJ1002-3EB42-0AA0	15320.-
		25	3VJ1092-3DB32-0AA0	11550.-	3VJ1092-3EB42-0AA0	15320.-
		32	3VJ1003-3DB32-0AA0	11550.-	3VJ1003-3EB42-0AA0	15320.-
		40	3VJ1004-3DB32-0AA0	11550.-	3VJ1004-3EB42-0AA0	15320.-
		50	3VJ1005-3DB32-0AA0	11550.-	3VJ1005-3EB42-0AA0	15320.-
		63	3VJ1006-3DB32-0AA0	11550.-	3VJ1006-3EB42-0AA0	15320.-
		80	3VJ1008-3DB32-0AA0	11550.-	3VJ1008-3EB42-0AA0	15320.-
		100	3VJ1010-3DB32-0AA0	11550.-	3VJ1010-3EB42-0AA0	15320.-
	125	3VJ1012-3DB32-0AA0	13175.-	3VJ1012-3EB42-0AA0	16840.-	

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

Circuit Breakers



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹		
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	18520.-	3VJ1216-3EB42-0AA0	22550.-		
		200	3VJ1220-3DB32-0AA0	20005.-	3VJ1220-3EB42-0AA0	25175.-		
		250	3VJ1225-3DB32-0AA0	22510.-	3VJ1225-3EB42-0AA0	29645.-		
3VJ13 (VJ1 400)	25kA	320	3VJ1332-3DB32-0AA0	42125.-	3VJ1332-3EB42-0AA0	54250.-		
		400	3VJ1340-3DB32-0AA0	42125.-	3VJ1340-3EB42-0AA0	54250.-		
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	15320.-	3VJ1196-5EB42-0AA0	20230.-		
		20	3VJ1102-5DB32-0AA0	15320.-	3VJ1102-5EB42-0AA0	20230.-		
		25	3VJ1192-5DB32-0AA0	15320.-	3VJ1192-5EB42-0AA0	20230.-		
		32	3VJ1103-5DB32-0AA0	15320.-	3VJ1103-5EB42-0AA0	20230.-		
		40	3VJ1104-5DB32-0AA0	15320.-	3VJ1104-5EB42-0AA0	20230.-		
		50	3VJ1105-5DB32-0AA0	15320.-	3VJ1105-5EB42-0AA0	20230.-		
		63	3VJ1106-5DB32-0AA0	15320.-	3VJ1106-5EB42-0AA0	20230.-		
		80	3VJ1108-5DB32-0AA0	15320.-	3VJ1108-5EB42-0AA0	20230.-		
		100	3VJ1110-5DB32-0AA0	15320.-	3VJ1110-5EB42-0AA0	20230.-		
		125	3VJ1112-5DB32-0AA0	17350.-	3VJ1112-5EB42-0AA0	21995.-		
		3VJ12 (VJ1 250)	36kA	160	3VJ1216-5DB32-0AA0	21010.-	3VJ1216-5EB42-0AA0	25550.-
				200	3VJ1220-5DB32-0AA0	27200.-	3VJ1220-5EB42-0AA0	35105.-
250	3VJ1225-5DB32-0AA0			31270.-	3VJ1225-5EB42-0AA0	40235.-		
3VJ13 (VJ1 400)	36kA	320	3VJ1332-5DB32-0AA0	43175.-	3VJ1332-5EB42-0AA0	55300.-		
		400	3VJ1340-5DB32-0AA0	43175.-	3VJ1340-5EB42-0AA0	55300.-		
3VJ14 (VJ1 630)	36kA	500	3VJ1450-5DB32-0AA0	64770.-	3VJ1450-5EB42-0AA0	82955.-		
		630	3VJ1463-5DB32-0AA0	64770.-	3VJ1463-5EB42-0AA0	82955.-		
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DB32-0AA0	18505.-	3VJ1196-7EB42-0AA0	24410.-		
		20	3VJ1102-7DB32-0AA0	18505.-	3VJ1102-7EB42-0AA0	24410.-		
		25	3VJ1192-7DB32-0AA0	18505.-	3VJ1192-7EB42-0AA0	24410.-		
		32	3VJ1103-7DB32-0AA0	18505.-	3VJ1103-7EB42-0AA0	24410.-		
		40	3VJ1104-7DB32-0AA0	18505.-	3VJ1104-7EB42-0AA0	24410.-		
		50	3VJ1105-7DB32-0AA0	18505.-	3VJ1105-7EB42-0AA0	24410.-		
		63	3VJ1106-7DB32-0AA0	18505.-	3VJ1106-7EB42-0AA0	24410.-		
		80	3VJ1108-7DB32-0AA0	18505.-	3VJ1108-7EB42-0AA0	24410.-		
		100	3VJ1110-7DB32-0AA0	18505.-	3VJ1110-7EB42-0AA0	24410.-		
		125	3VJ1112-7DB32-0AA0	20360.-	3VJ1112-7EB42-0AA0	26855.-		
		3VJ12 (VJ1 250)	55kA	160	3VJ1216-7DB32-0AA0	24360.-	3VJ1216-7EB42-0AA0	32180.-
				200	3VJ1220-7DB32-0AA0	28020.-	3VJ1220-7EB42-0AA0	36990.-
250	3VJ1225-7DB32-0AA0			32200.-	3VJ1225-7EB42-0AA0	42545.-		
3VJ13 (VJ1 400)	55kA	320	3VJ1332-7DB32-0AA0	44230.-	3VJ1332-7EB42-0AA0	56890.-		
		400	3VJ1340-7DB32-0AA0	44230.-	3VJ1340-7EB42-0AA0	56890.-		
3VJ14 (VJ1 630)	55kA	500	3VJ1450-7DB32-0AA0	66355.-	3VJ1450-7EB42-0AA0	85325.-		
		630	3VJ1463-7DB32-0AA0	66355.-	3VJ1463-7EB42-0AA0	85325.-		

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	8870.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P: 7UG09910 4P: 7UG09911	3060.- 3490.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P: 7UG09911 4P: 7UG09911	3490.- 3490.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P: 7UG09912 4P: 7UG09913	3695.- 4355.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P: 7UG09915	5900.-

Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC: 7UG0841-1CB20	8580.-
	230VAC: 7UG0842-1CD20	8670.-
CBCT for ELR	35 mm dia: 7UG0996	3120.-
	70 mm dia: 7UG0997	3570.-
	120 mm dia: 7UG0999	6080.-
	210 mm dia: 7UG0994	11690.-
	310 mm dia: 7UG0995	17425.-

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

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price

LP = List Price

Circuit Breakers

## 3VJ Internal accessories

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Accessory									
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	2395.-	3VJ9218-0AN11	2470.-	3VJ9218-0AN11	2470.-	3VJ9417-0AN11	2680.-
	Right	-	-	3VJ9218-0AN21	2470.-	3VJ9218-0AN21	2470.-	3VJ9417-0AN21	2680.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	2395.-	3VJ9118-0AA11	2395.-	3VJ9218-0AA11	2470.-	3VJ9417-0AA11	2680.-
	Right	-	-	3VJ9118-0AA21	2395.-	3VJ9218-0AA21	2470.-	3VJ9417-0AA21	2680.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3875.-	3VJ9118-0AD11	3875.-	3VJ9218-0AD11	4065.-	3VJ9417-0AD11	4620.-
	Right	-	-	3VJ9118-0AD21	3875.-	3VJ9218-0AD21	4065.-	3VJ9417-0AD21	4620.-
Shunt Trip (Right) (ST)	24V DC	-	-	3VJ9218-0ST11	4930.-	3VJ9218-0ST11	4930.-	-	-
	24V AC/DC	-	-	-	-	-	-	3VJ9417-0ST21	5545.-
	48V DC	-	-	3VJ9218-0ST12	4930.-	3VJ9218-0ST12	4930.-	-	-
	48V AC/DC	-	-	-	-	-	-	3VJ9417-0ST22	5545.-
	110V DC	3VJ9018-0ST15	3590.-	3VJ9218-0ST15	4930.-	3VJ9218-0ST15	4930.-	-	-
	110V AC/DC	-	-	-	-	-	-	3VJ9417-0ST25	5545.-
	110V AC	3VJ9018-0ST35	3590.-	3VJ9218-0ST35	5120.-	3VJ9218-0ST35	5120.-	-	-
	220V AC	3VJ9018-0ST36	3890.-	3VJ9218-0ST36	5290.-	3VJ9218-0ST36	5290.-	3VJ9417-0ST36	6100.-
	415V AC	3VJ9018-0ST37	3890.-	3VJ9218-0ST37	5290.-	3VJ9218-0ST37	5290.-	3VJ9417-0ST37	6100.-
Undervoltage Release (Left) (UVR)	24V DC	-	-	3VJ9218-0UV11	7065.-	3VJ9218-0UV11	7065.-	-	-
	48V DC	-	-	3VJ9218-0UV12	7065.-	3VJ9218-0UV12	7065.-	-	-
	220V AC	-	-	3VJ9218-0UV36	7420.-	3VJ9218-0UV36	7420.-	3VJ9417-0UV36	18490.-
	415V AC	-	-	3VJ9218-0UV37	7940.-	3VJ9218-0UV37	7940.-	3VJ9417-0UV37	18490.-

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

## 3VJ External accessories

Frame Size	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Accessory											
Extended Door Mounted Rotary Operator (including 8UC handle)@	-	3VJ9018-0HD11	3535.-	3VJ9118-0HD11	3805.-	3VJ9218-0HD11	4450.-	3VJ9417-0HD11	5880.-	3VJ9417-0HD11	5880.-
Spreader Links^	2P	3VJ9012-0ED00	320.-	3VJ9112-0ED00	350.-	3VJ9212-0ED00	1065.-	-	-	-	-
	3P	3VJ9013-0ED00	540.-	3VJ9113-0ED00	565.-	3VJ9213-0ED00	1720.-	3VJ9313-0ED00	3005.-	3VJ9413-0ED00	3770.-
	4P	3VJ9014-0ED00	700.-	3VJ9114-0ED00	730.-	3VJ9214-0ED00	2245.-	3VJ9314-0ED00	4230.-	3VJ9414-0ED00	5325.-
Phase Barriers#		3VJ9018-0CA00	250.-	3VJ9218-0CA00	390.-	3VJ9218-0CA00	390.-	3VJ9417-0CA00	445.-	3VJ9417-0CA00	445.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	570.-	3VJ9116-0CJ30	680.-	3VJ9216-0CJ30	975.-	3VJ9413-0CJ30	1270.-	3VJ9413-0CJ30	1270.-
	4P	3VJ9014-0CJ40	800.-	3VJ9114-0CJ40	865.-	3VJ9214-0CJ40	1140.-	3VJ9414-0CJ40	1565.-	3VJ9414-0CJ40	1565.-
Toggle handle extension	-	-	-	-	-	-	-	3VJ9417-0DH10	1005.-	3VJ9417-0DH10	1005.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	-	8UC60701YQ..	8970.-	8UC60701YQ..	8970.-	8UC60701YQ..	8970.-	8UC60702YQ..	9210.-	8UC60702YQ..	9210.-
SS Enclosures	2P/3P	3VJ9016-0DE11	3995.-	3VJ9116-0DE11	3995.-	3VJ9216-0DE12	8755.-	-	-	-	-
	4P	3VJ9014-0DE11	3995.-	3VJ9114-0DE11	3995.-	3VJ9214-0DE12	8755.-	-	-	-	-
Padlock on MCCB Dolly/ Knob	-	-	-	3VJ9118-0LM10	1600.-	3VJ9218-0LM10	1600.-	3VJ9317-0LM10	3875.-	3VJ9317-0LM10	3875.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	-	-	3VJ9116-0VM10	4370.-	3VJ9216-0VM10	8520.-	3VJ9313-0VM10	16605.-	3VJ9313-0VM10	16605.-
	4P	-	-	3VJ9114-0VM10	4555.-	3VJ9214-0VM10	10055.-	3VJ9314-0VM10	22215.-	3VJ9314-0VM10	22215.-

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

[www.siemens.com/switching-devices](http://www.siemens.com/switching-devices)

**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 <sub>e</sub>	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 <sup>1)</sup>   Communication Modules <sup>2)</sup>	LCD Display   USB Front interface <sup>1)</sup>   Communication Modules <sup>2)</sup>
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

<sup>1) 2)</sup> Available as accessory. Parameterization to be done via Powerconfig

Description	Type No	Unit LP* ₹	Std. pkg. (nos.)
<b>Automatic Transfer Controllers</b>			
3KC ATC 6300	3KC9000-8TL40	204875.-	1
3KC ATC 6500	3KC9000-8TL50	POR	1
<b>Accessories   Expandable DI /DO Modules (For both ATC 6300 &amp; 6500)</b>			
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
<b>Expansion modules with communication interfaces (For both ATC 6300 &amp; 6500)</b>			
ATC6 RS 485 expansion module	3KC9000-8TL74	POR	1
ATC6 Ethernet expansion module	3KC9000-8TL75	POR	1
<b>USB Front interface (For both ATC 6300 &amp; 6500)</b>			
ATC6 USB front interface	3KC9000-8TL73	POR	1
<b>IP 65 Protective Gasket</b>			
For ATC 6300 144 x 144 mm	3KC9000-8TL67	POR	1
For ATC 6500 171 x 131 mm	3KC9000-8TL68	POR	1

POR: Price On Request

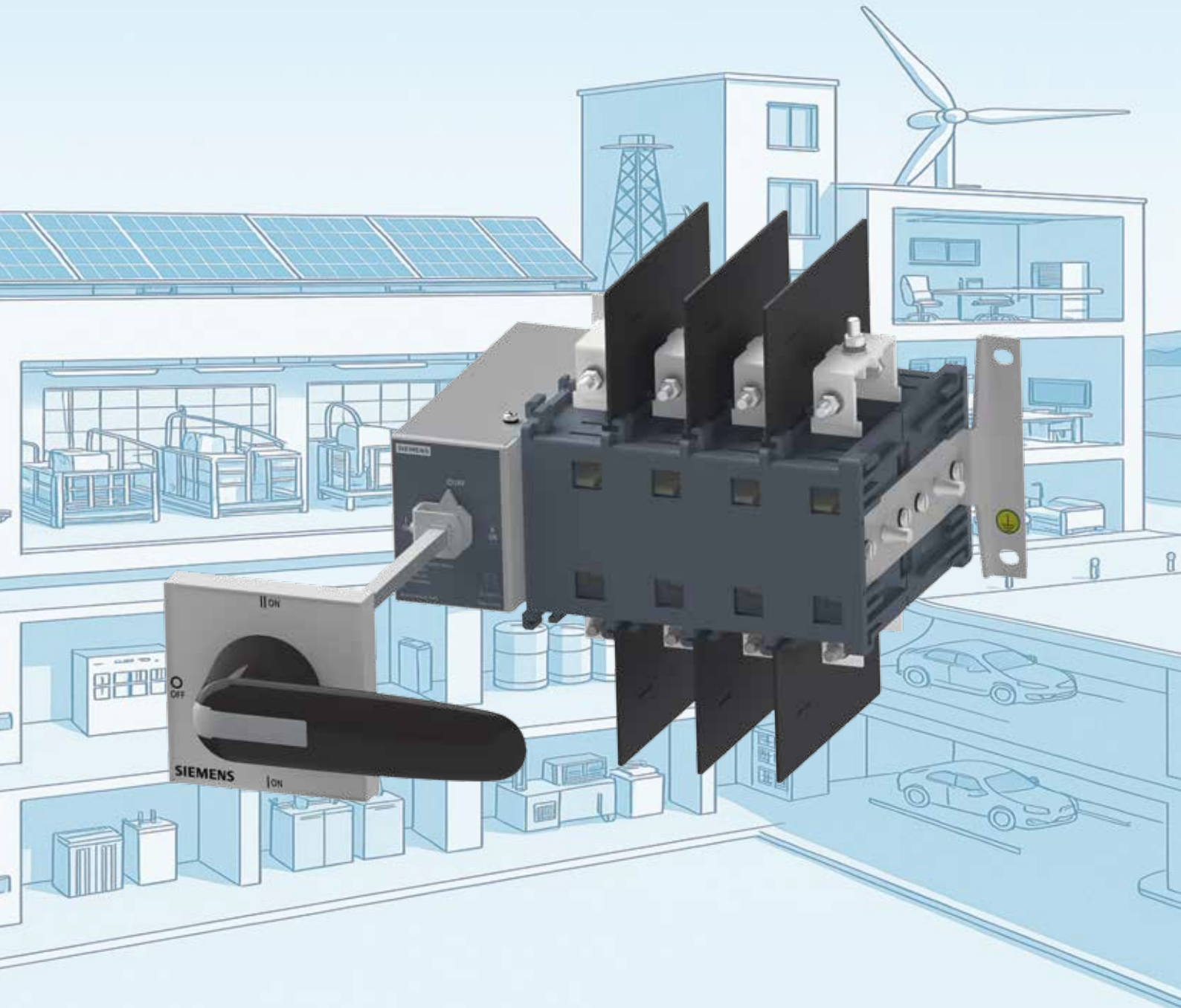
\* LP - List Price

Auto Transfer Controllers

Complete Auto changeover solution with SIEMENS circuit breakers

Designed and tested with





THE POWER OF **SIMPLICITY**

# SINOPLUS 3KJ On Load Changeover Switches

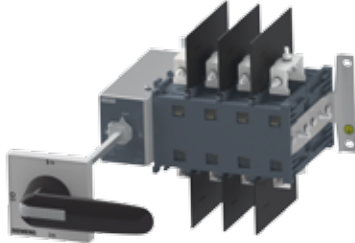
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

[www.siemens.co.in](http://www.siemens.co.in)

**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	9785.-	3KJ1126-4AA20-1AA0	19345.-	1
		100	3KJ1130-4AA20-0AA0	13010.-	3KJ1130-4AA20-1AA0	22730.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	19475.-	3KJ0132-4AA20-1AA0	26480.-	1
		160	3KJ0134-4AA20-0AA0	21400.-	3KJ0134-4AA20-1AA0	30320.-	1
		200	3KJ0236-4AA20-0AA0	27250.-	3KJ0236-4AA20-1AA0	35070.-	1
	2	250	3KJ0238-4AA20-0AA0	33360.-	3KJ0238-4AA20-1AA0	43580.-	1
		315	3KJ0240-4AA20-0AA0	43705.-	3KJ0240-4AA20-1AA0	53270.-	1
		400	3KJ0242-4AA20-0AA0	63440.-	3KJ0242-4AA20-1AA0	79195.-	1
	3	630	3KJ0346-4AA20-0AA0	75445.-	3KJ0346-4AA20-1AA0	91180.-	1
		800	3KJ0348-4AA20-0AA0	109435.-	3KJ0348-4AA20-1AA0	131135.-	1
	4	1000	3KJ0450-4AA30-0AA0	206110.-	3KJ0450-4AA30-1AA0	226650.-	1
		1250	3KJ0452-4AA30-0AA0	254010.-	3KJ0452-4AA30-1AA0	292720.-	1
		1600	3KJ0454-4AA30-0AA0	323815.-	3KJ0454-4AA30-1AA0	394780.-	1
	5	2000	3KJ0556-4AA30-0AA0	498475.-	3KJ0556-4AA30-1AA0	544140.-	1
		2500	3KJ0558-4AA30-0AA0	639095.-	3KJ0558-4AA30-1AA0	696260.-	1
		3150	3KJ0560-4AA30-0AA0	821760.-	3KJ0560-4AA30-1AA0	943745.-	1

Notes:

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

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price



Metro



Solar



Power Utilities



Port



Crane



Offshore



Metal



Oil



Mining

# Manual On Load Changeover Switch 3KJ



Auxiliary switch

Gland box

## Accessories and spares

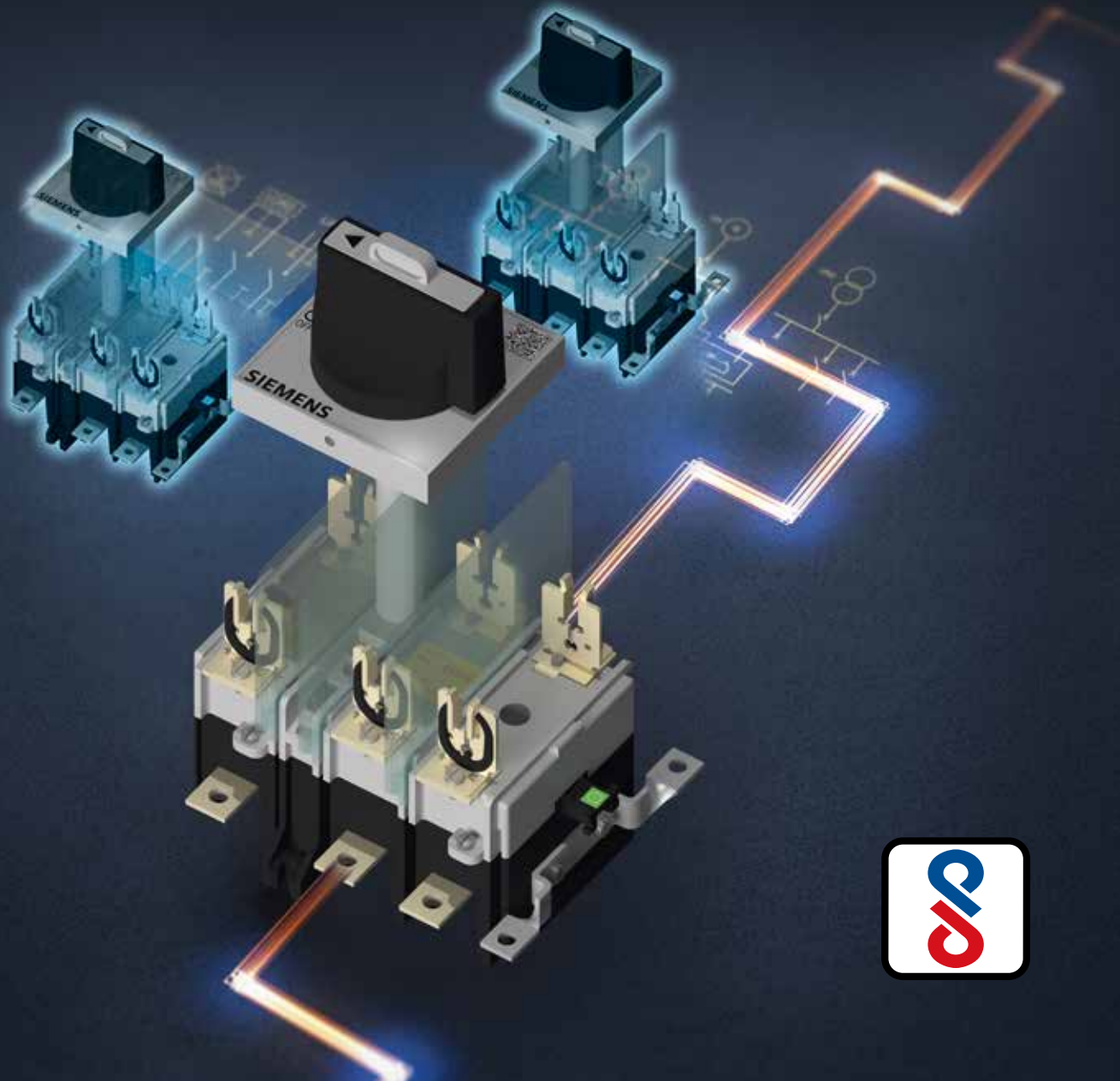
Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch <sup>1)</sup>	1CO	3KJ9101-1AB00	980.-					1
	2CO	3KJ9101-1AD00	1955.-					1
	1NO+1NC			3KJ9001-1AB00	2540.-	3KJ9001-5AB00	5135.-	1
	2NO+2NC			3KJ9001-1AD00	8845.-	3KJ9001-5AD00	19195.-	1
Gland box <sup>2)</sup>	With one gland plate			3KJ9013-1MA00	5275.-	3KJ9013-2MB00	11930.-	1
Spare Phase barrier		3KJ9103-1CA00	65.-	3KJ9003-1CA00	90.-	3KJ9003-3CA00	145.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	925.-	3KJ9006-2FT00	925.-	3KJ9006-2FT00	925.-	1
Spare Shaft		3KJ9107-1GA00	310.-	3KJ9007-2GA00	310.-	3KJ9007-2GA00	310.-	1
Spare pole <sup>3)</sup>				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
					315A 3KJ9008-2HG00	1		
					400A 3KJ9008-2HH00	1		
						400A 3KJ9008-2HE00		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A 3KJ9002-2BC00	POR	1
						250A,315A 3KJ9002-2BD00	POR	1
						400A 3KJ9002-2BE00	POR	1

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch <sup>1)</sup>	1NO+1NC	3KJ9001-5AB00	5135.-	3KJ9001-5AB00	5135.-	3KJ9001-5AB00	5135.-	1
	2NO+2NC	3KJ9001-5AD00	19195.-	3KJ9001-5AD00	19195.-	3KJ9001-5AD00	19195.-	1
Gland box <sup>2)</sup>	With one gland plate	3KJ9013-3MC00	18360.-					1
Spare Phase barrier	Lower side	3KJ9003-3CA00	145.-	3KJ9003-4CA00	515.-			1
	Front side					3KJ9003-5CA10	515.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	1050.-			3KJ9003-5CA20	565.-	1
	Metallic			3KJ9006-4FM00	3050.-	3KJ9006-5FM00	3270.-	1
Spare Shaft		3KJ9007-4GA00	665.-	3KJ9007-4GA00	665.-	3KJ9007-5GA00	665.-	1
		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
Spare pole <sup>3)</sup>		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
	Spare Extended link				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00	
				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR	2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
			1600A 3KJ9002-4BK10 3KJ9002-4BK20	3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1		
	Line side connection			2000A 3KJ9002-5BL10		1		
				2500A 3KJ9002-5BM10		1		
			3150A 3KJ9002-5BN10 3KJ9002-5BN20		1			

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

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

Load Break Switches



## SUPERSWITCH

# Switch Disconnecter Fuse - **3KL8**

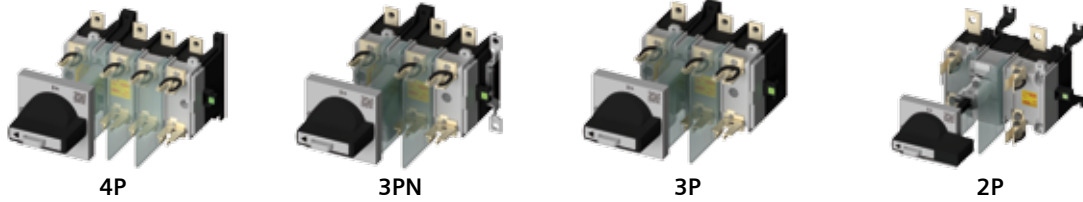
**Safe. Reliable. Efficient.**

- 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



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

Rated current I <sub>e</sub> @690V <sup>~</sup> 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	5200.-	3KL8111-4TJ00	5285.-	3KL8111-4TC00	5400.-	1
32A	3KL8121-4TA00	5380.-	3KL8121-4TJ00	5795.-	3KL8121-4TC00	5830.-	1
63A	3KL8151-4TA00	7240.-	3KL8151-4TJ00	7345.-	3KL8151-4TC00	7645.-	1
100A	3KL8171-4TA00	10870.-	-	-	-	-	1
100A	3KL8211-4TA00	15620.-	3KL8211-4TJ00	17030.-	-	-	1
125A	3KL8221-4TA00	19135.-	3KL8221-4TJ00	20275.-	-	-	1
160A	3KL8231-4TA00	21245.-	3KL8231-4TJ00	24635.-	-	-	1
200A	3KL8311-4UA00	30480.-	3KL8311-4UJ00	32000.-	-	-	1
250A	3KL8321-4UA00	35515.-	3KL8321-4UJ00	37925.-	-	-	1
315A	3KL8331-4UA00	42745.-	3KL8331-4UJ00	46795.-	-	-	1
400A	3KL8341-4UA00	47035.-	3KL8341-4UJ00	54060.-	-	-	1
500A	3KL8411-4UA00	76385.-	3KL8411-4UJ00	87130.-	-	-	1
630A	3KL8421-4UA00	79195.-	3KL8421-4UJ00	90280.-	-	-	1
800A <sup>§</sup>	3KL8431-4UA00	93605.-	3KL8431-4UJ00	97825.-	-	-	1

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

Rated current I <sub>e</sub> @690V <sup>~</sup> 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	4620.-	3KL8111-5TJ00	4630.-	3KL8111-5TC00	4655.-	1
32A	3KL8121-5TA00	4690.-	3KL8121-5TJ00	4720.-	3KL8121-5TC00	4760.-	1
63A	3KL8151-5TA00	6295.-	3KL8151-5TJ00	6425.-	3KL8151-5TC00	6485.-	1
100A	3KL8171-5TA00	9020.-	-	-	-	-	1
100A	3KL8211-5TA00	12560.-	3KL8211-5TJ00	12670.-	-	-	1
125A	3KL8221-5TA00	16165.-	3KL8221-5TJ00	16235.-	-	-	1
160A	3KL8231-5TA00	17300.-	3KL8231-5TJ00	17375.-	-	-	1
200A	3KL8311-5UA00	23740.-	3KL8311-5UJ00	24455.-	-	-	1
250A	3KL8321-5UA00	26970.-	3KL8321-5UJ00	27700.-	-	-	1
315A	3KL8331-5UA00	32110.-	3KL8331-5UJ00	32650.-	-	-	1
400A	3KL8341-5UA00	38695.-	3KL8341-5UJ00	39270.-	-	-	1
500A	3KL8411-5UA00	62240.-	3KL8411-5UJ00	63670.-	-	-	1
630A	3KL8421-5UA00	65550.-	3KL8421-5UJ00	68960.-	-	-	1
800A <sup>§</sup>	3KL8431-5UA00	69900.-	3KL8431-5UJ00	74720.-	-	-	1

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

Rated current I <sub>e</sub> @ 690V <sup>~</sup> 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	4480.-	1
32A	3KL8121-1TA00	4565.-	1
63A	3KL8151-1TA00	6200.-	1
100A	3KL8211-1TA00	12335.-	1
125A	3KL8221-1TA00	15685.-	1
160A	3KL8231-1TA00	16950.-	1
200A	3KL8311-1UA00	23005.-	1
250A	3KL8321-1UA00	26820.-	1
315A	3KL8331-1UA00	31625.-	1
400A	3KL8341-1UA00	38080.-	1
500A	3KL8411-1UA00	61290.-	1
630A	3KL8421-1UA00	65140.-	1
800A <sup>§</sup>	3KL8431-1UA00	69470.-	1

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

Notes:

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

3KL8: Unit MRPs are without fuses

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

Please scan the QR code for brochure and Operation manual (OM)

Refer the OM for changes in dimension

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

# Superswitch 3KL8

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

Rated current I <sub>e</sub> @690V <sup>c</sup> 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 <sup>®</sup>	3KL8111-2TA00	4175.-	-	-	3KL8111-2TC00	4260.-	1
32A <sup>®</sup>	3KL8121-2TA00	4260.-	-	-	3KL8121-2TC00	4440.-	1
63A <sup>®</sup>	3KL8151-2TA00	5540.-	-	-	3KL8151-2TC00	5590.-	1
100A <sup>®</sup>	3KL8171-2TA00	8570.-	-	-	-	-	1
100A	3KL8211-2TA00	11795.-	3KL8211-2TJ00	12065.-	-	-	1
125A	3KL8221-2TA00	13670.-	3KL8221-2TJ00	14890.-	-	-	1
160A	3KL8231-2TA00	14215.-	3KL8231-2TJ00	16040.-	-	-	1
200A	3KL8311-2UA00	20660.-	3KL8311-2UJ00	22580.-	-	-	1
250A	3KL8321-2UA00	22500.-	3KL8321-2UJ00	24935.-	-	-	1
315A	3KL8331-2UA00	27380.-	3KL8331-2UJ00	29045.-	-	-	1
400A	3KL8341-2UA00	32615.-	3KL8341-2UJ00	34290.-	-	-	1
500A	3KL8411-2UA00	51505.-	3KL8411-2UJ00	59970.-	-	-	1
630A	3KL8421-2UA00	52680.-	3KL8421-2UJ00	60845.-	-	-	1
800A <sup>§</sup>	3KL8431-2UA00	68525.-	3KL8431-2UJ00	68755.-	-	-	1



## Switch disconnecter fuse in SS<sup>^</sup> Enclosure (factory fitted)<sup>></sup>

Rated current I <sub>e</sub> @690V <sup>c</sup> 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	9655.-	3KL8111-4TA10	11130.-	1
	BS	3KL8111-5TJ10	9740.-	3KL8111-4TJ10	11150.-	1
	CYL	3KL8111-5TC10	9790.-	3KL8111-4TC10	11245.-	1
32A	DIN	3KL8121-5TA10	10330.-	3KL8121-4TA10	11480.-	1
	BS	3KL8121-5TJ10	10360.-	3KL8121-4TJ10	11610.-	1
	CYL	3KL8121-5TC10	10410.-	3KL8121-4TC10	11650.-	1
63A	DIN	3KL8151-5TA10	11470.-	3KL8151-4TA10	13535.-	1
	BS	3KL8151-5TJ10	11510.-	3KL8151-4TJ10	13870.-	1
	CYL	3KL8151-5TC10	11605.-	3KL8151-4TC10	13920.-	1
100A	DIN	3KL8211-5TA10	18390.-	3KL8211-4TA10	21800.-	1
	BS	3KL8211-5TJ10	18930.-	3KL8211-4TJ10	22020.-	1
125A	DIN	3KL8221-5TA10	21790.-	3KL8221-4TA10	26250.-	1
	BS	3KL8221-5TJ10	21955.-	3KL8221-4TJ10	27080.-	1
160A	DIN	3KL8231-5TA10	23380.-	3KL8231-4TA10	28860.-	1
	BS	3KL8231-5TJ10	23560.-	3KL8231-4TJ10	29050.-	1
200A	DIN	3KL8311-5UA10	33715.-	3KL8311-4UA10	47120.-	1
	BS	3KL8311-5UJ10	33980.-	3KL8311-4UJ10	48200.-	1
250A	DIN	3KL8321-5UA10	38225.-	3KL8321-4UA10	50170.-	1
	BS	3KL8321-5UJ10	38490.-	3KL8321-4UJ10	50525.-	1
315A	DIN	3KL8331-5UA10	45470.-	3KL8331-4UA10	59720.-	1
	BS	3KL8331-5UJ10	45720.-	3KL8331-4UJ10	60010.-	1
400A	DIN	3KL8341-5UA10	52445.-	3KL8341-4UA10	66960.-	1
	BS	3KL8341-5UJ10	53120.-	3KL8341-4UJ10	67240.-	1
500A	DIN	3KL8411-5UA10	78100.-	3KL8411-4UA10	98480.-	1
	BS	3KL8411-5UJ10	78335.-	3KL8411-4UJ10	99540.-	1
630A	DIN	3KL8421-5UA10	82225.-	3KL8421-4UA10	104580.-	1
	BS	3KL8421-5UJ10	82460.-	3KL8421-4UJ10	104885.-	1
800A <sup>§</sup>	DIN	3KL8431-5UA10	88265.-	3KL8431-4UA10	112270.-	1
	BS	3KL8431-5UJ10	88500.-	3KL8431-4UJ10	112565.-	1



Load Break Switches

## SS<sup>^</sup> Enclosure for 3KL8/ 3KA8

Rated current I <sub>e</sub> @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	7380.-	1
200A-400A	3KX8345-4AC	9825.-	1
500A-800A	3KX8435-4AC <sup>1)</sup>	16105.-	1
200A-800A	3KX8435-4AG <sup>#2)</sup>	27655.-	1

<sup>^</sup> SS stands for Sheet Steel

<sup>#</sup> 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

<sup>^</sup> SS stands for Sheet Steel

<sup>></sup> 3KL8 in SS Enclosure: Includes 3KL8 SDF without fuses, SS Enclosure, front drive (Handle) and phase barriers

<sup>§</sup> 3KL8431 (800A): 710A with fuse cover

<sup><</sup> 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

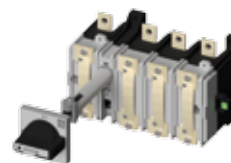
Refer the brochure for fuse selection guide

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 <sub>n</sub> @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 <sup>9</sup>	4880.-	3KA8151-5TE00	5890.-	3KA8151-4TE00	8375.-	1
100A	-	-	3KA8171-5TE00	9155.-	3KA8171-4TE00	16845.-	1
100A	3KA8211-2TE00	8545.-	3KA8211-5TE00	11645.-	3KA8211-4TE00	19475.-	1
125A	3KA8221-2TE00	10725.-	3KA8221-5TE00	13375.-	3KA8221-4TE00	20920.-	1
160A	3KA8231-2TE00	14295.-	3KA8231-5TE00	17400.-	3KA8231-4TE00	26355.-	1
200A	3KA8311-2UE00	18175.-	3KA8311-5UE00	22470.-	3KA8311-4UE00	30590.-	1
250A	3KA8321-2UE00	19890.-	3KA8321-5UE00	23725.-	3KA8321-4UE00	37575.-	1
400A	3KA8341-2UE00	27590.-	3KA8341-5UE00	35080.-	3KA8341-4UE00	51215.-	1
630A <sup>5</sup>	3KA842□-2UE00	44255.-	3KA842□-5UE00	55690.-	3KA842□-4UE00	73305.-	1
800A <sup>5</sup>	3KA843□-2UE00	46180.-	3KA843□-5UE00	57470.-	3KA843□-4UE00	84125.-	1
1000A <sup>5</sup>	3KA844□-2UE00	61795.-	3KA844□-5UE00	82550.-	3KA844□-4UE00	103665.-	1
1250A <sup>5</sup>	3KA845□-2UE00	81250.-	3KA845□-5UE00	107090.-	3KA845□-4UE00	124620.-	1
1600A <sup>5</sup>	3KA846□-2UE00	93705.-	3KA846□-5UE00	118520.-	3KA846□-4UE00	167840.-	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 <sup>2)</sup>	2P	DIN	3KX8150-0AE <sup>5)</sup>	480.-	3KX8230-0JF	1175.-	3KX8340-0AF	1725.-	3KX8430-0JF	2445.-	1				
		BS			3KX8230-0HF	1175.-			3KX8430-0HF	2445.-	1				
	3P	DIN			3KX8230-0JE	1175.-			3KX8340-0AE	1725.-	3KX8430-0JE	2445.-	1		
		BS			3KX8230-0HE	1175.-					3KX8430-0HE	2445.-	1		
	4P	DIN			3KX8230-0JG	1175.-					3KX8340-0AG	1725.-	3KX8430-0JG	2445.-	1
		BS			3KX8230-0HG	1175.-							3KX8430-0HG	2445.-	1
Terminal cover (1set = 2pieces)	2P	-	3KX8151-0AE	245.-	3KX8231-0AF	1000.-	3KX8341-0AF	1880.-					3KX8431-0AF	2205.-	1
	3P	-	3KX8151-0AE	245.-	3KX8231-0AE	1000.-	3KX8341-0AE	1880.-					3KX8431-0AE	2205.-	1
	4P	-	3KX8151-0AG	870.-	3KX8231-0AG	1000.-	3KX8341-0AG	1880.-	3KX8431-0AG	2205.-			1		
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	95.-	3KX8153-0AE (DIN)	95.-	3KX8343-0AE	300.-	3KX8433-0AE	455.-			1		
					3KX8233-0JE (BS)	95.-					1				
Fuse cover phase barrier kit <sup>3)</sup>	-	-	-	-	-	-	3KX8340-9AE	965.-	3KX8440-9AE	965.-	1				
Auxiliary switch (1NO+1NC)	-	-	3SB5400-0A* <sup>4)</sup>	350.-	3KX3522-1YC	1390.-	3KX3552-1YC	1675.-	3KX3582-1YC	2030.-	1				
Auxiliary switch (2NO+2NC)	-	-	-	-	3KX3522-1YD	2510.-	3KX3552-1YD	3625.-	3KX3582-1YD	3910.-	1				
Auxiliary switch cover	-	-	3KX8154-0AC	165.-	3KX8234-0AC	165.-	-	-	-	-	1				
Front drive (Handle)	-	-	8UC6114-1BB00	1715.-	8UC6214-1BB00	1940.-	8UC6314-1BB00	2930.-	8UC6414-1BB00	4285.-	1				
Operating shaft (300mm)	-	-	8UC6031	475.-	8UC60-32	575.-	8UC6034	1115.-	8UC6034	1115.-	1				
Castell interlock <sup>1)</sup>	-	-	8UC6070-0YQ..	8970.-	8UC6070-1YQ..	8970.-	8UC6070-2YQ..	9210.-	8UC6070-2YQ..	9210.-	1				
Depth setting template	-	-	8UC6046-2	100.-	8UC6046-2	100.-	8UC6046-2	100.-	8UC6046-2	100.-	1				
Fuse Monitor with auxiliary switch <sup>6)</sup> (1NO+1NC)	-	-	3RV1611-0BD10	14850.-	3RV1611-0BD10	14850.-	3RV1611-0BD10	14850.-	3RV1611-0BD10	14850.-	1				
	-	-	3RV2901-1E	1955.-	3RV2901-1E	1955.-	3RV2901-1E	1955.-	3RV2901-1E	1955.-	1				
Fuse safety barrier	-	-	3KX8150-1AC	255.-	3KX8230-1AC	330.-	-	-	-	-	1				
Gland box with gland plate (1no.)	-	-	3KX8235-4DC	8565.-	3KX8235-4DC	8565.-	3KX8345-4DC	11820.-	3KX8435-4DC	18005.-	1				
	-	-	-	-	-	-	-	3KX8435-4DG <sup>4)</sup>	29465.-	1					
	-	-	-	-	-	-	-	3KX8435-4GC	2615.-	1					
Gland plate	-	-	3KX8235-4GC	1815.-	3KX8235-4GC	1815.-	3KX8345-4GC	2355.-	3KX8435-4GG <sup>4)</sup>	2640.-	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



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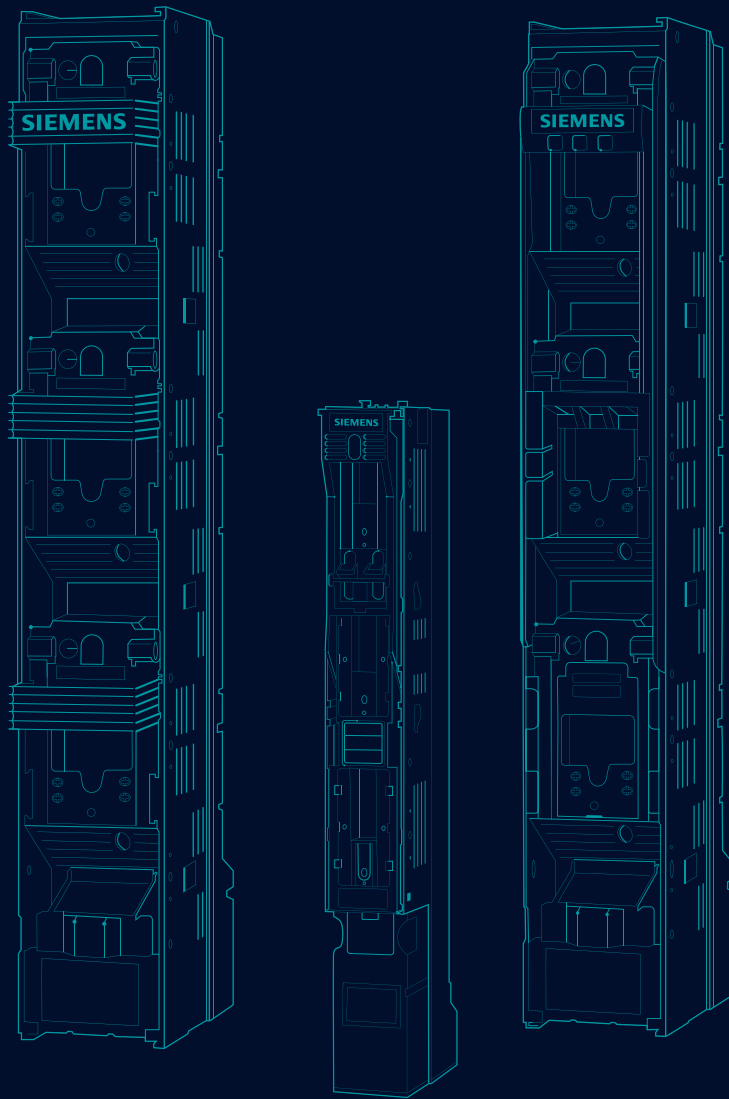
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**SIEMENS**



# 3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

## Product Features:

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Maximum safety and minimized mounting width
- Fuse visible Disconnection
- Contactless fuse removal
- Vertical /Direct mounting on busbars
- Cable connection from top and bottom

## Applications:

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

**SIEMENS**

# 3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient



## Overview :

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

## 3NJ4 Fuse Switch Disconnectors

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

## Accessories for fuse switch disconnecter 3NJ4



### Busbar connection assembly kits for NH2 and NH3

With flat terminals

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



### Covers

Additional touch protection when using cable lugs and as spacer

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



### Busbar terminals

Not for devices with transformer installation

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



### Auxiliary switch mounting kits

For 3-pole switchable switch disconnectors only

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

\* Applicable to 3NJ412, 3NJ413, 3NJ414

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

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price



**SENTRON**

# Fuse Switch Disconnectors - **3NP1**

**End to end safety for user and systems**

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

[www.siemens.com/switching-devices](http://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 <sup>4)</sup>	Type	Unit LP* ₹
100 <sup>1)</sup>	000	000	Box	1	3NP1121-1CA20	6510.-
				3	3NP1123-1CA20	11820.-
				4	3NP1124-1CA20	20645.-
160 <sup>2)</sup>	00	000,00	Flat	1	3NP1131-1CA10	6850.-
				3	3NP1133-1CA10	12370.-
				4	3NP1134-1CA10	21510.-
250 <sup>2)</sup>	1	00,1	Flat	1	3NP1141-1DA10	19960.-
				3	3NP1143-1DA10	36185.-
				4	3NP1144-1DA10	59325.-
400 <sup>2)</sup>	2	1,2	Flat	1	3NP1151-1DA10	27450.-
				3	3NP1153-1DA10	49580.-
				4	3NP1154-1DA10	80240.-
630 <sup>2)</sup>	3	2,3	Flat	1	3NP1161-1DA10	36530.-
				3	3NP1163-1DA10	66435.-
				4	3NP1164-1DA10	106465.-



1-pole



3-pole



2-pole



4-pole

**3NP1 with Electronic fuse monitoring <sup>3)</sup>**

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles <sup>4)</sup>	Type	Unit LP* ₹
100 <sup>1)</sup>	000	000	Box	1	3NP1121-1CA24	22795.-
				3	3NP1123-1CA24	35280.-
160 <sup>2)</sup>	00	000,00	Flat	1	3NP1131-1CA14	21770.-
				3	3NP1133-1CA14	35605.-
250 <sup>2)</sup>	1	00,1	Flat	1	3NP1141-1DA14	36225.-
				3	3NP1143-1DA14	59325.-
400 <sup>2)</sup>	2	1,2	Flat	1	3NP1151-1DA14	44030.-
				3	3NP1153-1DA14	73365.-
630 <sup>2)</sup>	3	2,3	Flat	1	3NP1161-1DA14	53085.-
				3	3NP1163-1DA14	89615.-



1-pole with EFM



3-pole with EFM

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

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

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

**Configurator for 3NP1**

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



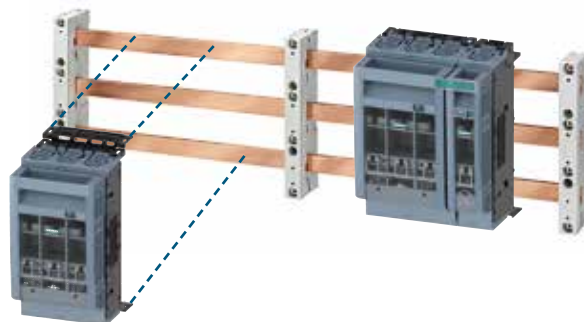
## 3NP1 mounting on 8US busbar

### 3NP1 mounting on 60mm 8US busbar system <sup>3)</sup>

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles <sup>4)</sup>	Type	Unit LP* ₹
100 <sup>1)</sup>	000	000	Box	3	3NP1123-1BC20	17505.-
				4	3NP1124-1BC20	29155.-
160 <sup>2)</sup>	00	00	Flat	3	3NP1133-1BC10	18780.-
				4	3NP1134-1BC10	31420.-
250 <sup>2)</sup>	1	1	Flat	3	3NP1143-1BC10	59890.-
				4	3NP1144-1BC10	93350.-
400 <sup>2)</sup>	2	2	Flat	3	3NP1153-1BC10	77400.-
				4	3NP1154-1BC10	121450.-
630 <sup>2)</sup>	3	3	Flat	3	3NP1163-1BC10	98250.-
				4	3NP1164-1BC10	155840.-

8US busbar system



## Accessories for 3NP1

### Auxillary contact (1CO type)



3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	2725.-
00	3NP1930-1FA00	2725.-
1,2,3	3NP1940-1FA00	2960.-

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



3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	3435.-
		3	3NP1923-1BD00	7670.-

### Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole<sup>4)</sup> 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 <sup>5)</sup>



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□	5130.-
	25	9.5	3LD2103-0TK5□	5675.-
	32	11.5	3LD2203-0TK5□	6335.-
	63	22	3LD2504-0TK5□	10835.-
	100	37	3LD2704-0TK5□	16415.-
	125	45	3LD2804-0TK5□	20935.-
	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□	4575.-
	25	9.5	3LD2122-0TK1□	5025.-
	32	11.5	3LD2222-0TK1□	6095.-

□ - 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	11240.-
	32	11.5	3LD2223-7UK01	12300.-
	63	22	3LD2524-7UK01	20330.-
	100	37	3LD2724-7UK01	37810.-
	160	75	3LD2305-7UK01	POR
	250	132	3LD2405-7UK01	

## Changeover switch with knob Operated Mechanism In moulded plastic enclosure



No of Poles	Rated current (A) Ie AC21A	Motor kW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD21657UB01	18000.-
	32	11.5	3LD22657UB01	20455.-
	63	22	3LD25667UB01	44380.-
	100	37	3LD27667UB01	76460.-

## 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□	8215.-
	25	9.5	3LD2113-0TK5□	9125.-
	32	11.5	3LD2213-0TK5□	10055.-
	63	22	3LD2514-0TK5□	12070.-
	100	37	3LD2714-0TK5□	19825.-
	125	45	3LD2814-0TK5□	24760.-
	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□	7315.-
	25	9.5	3LD2164-0TB5□	7930.-
	32	11.5	3LD2264-0TB5□	9425.-
	63	22	3LD2565-0TB5□	15600.-
	100	37	3LD2766-0TB5□	35455.-
	125	45	3LD2866-0TB5□	64175.-

□ - 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	2315.-	1		
		3LD25 (63A)	3LD9250-0BA	3395.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	4205.-	1		
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1		
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2B	1545.-	1		
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	1765.-	1		
		3LD25 (63A)	3LD9250-2BA	2325.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	2820.-	1		
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD23 (160A) and 3LD24 (250A)	3LD9240-2B	POR	1		
		3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5B	2570.-	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	2315.-	1
			3LD25 (63A)	3LD9250-0CA	3395.-	1	
3LD27 (100A) and 3LD28 (125A)	3LD9280-0C		4205.-	1			
3LD23 (160A) and 3LD24 (250A)	3LD9240-0C		POR	1			
N or PE terminal Continuous	3LD20 (16A)	3LD9200-2C	2085.-	1			
	3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	1765.-	1			
	3LD25 (63A)	3LD9250-2CA	2325.-	1			
	3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	2820.-	1			
Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD23 (160A) and 3LD24 (250A)	3LD9240-2C	POR	1			
	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD9200-5C	2440.-	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	790.-	4	
		3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	735.-	4	
3 pole		3LD25 (63A)	3LD9251-0A	820.-	4		
1 pole		3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	395.-	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	4680.-	10
		30	3LA0601-1YB	10865.-	5
	System selector	5.5	3LA0202-1YA	5345.-	10
		30	3LA0602-1YB	15195.-	5
	Reversing	5.5	3LA0203-1YA	5345.-	10
		30	3LA0603-1YB	15195.-	5
	Star-delta	12	3LA0204-5YA	7530.-	10
		30	3LA0604-1YB	20690.-	5
	2 speed pole changing i) Separate windings ii) Dahlander	5.5	3LA0205-2YA	5345.-	10
		5.5	3LA0205-1YA	7195.-	10
5.5		3LA0205-3YA	10330.-	10	
Reversing pole changing	5.5	3LA0205-3YA	10330.-	10	

## Spares & accessories for motor control switches\*\*



Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	290.-	10
Machine handle – Black	3LX0 611-2YA	765.-	10
Indicating dial for size 2	3LX0 220-1YA	220.-	10
Indicating dial for size 6	3LX0 620-1YA	220.-	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	220.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	200.-	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	3205.-	10
	63	52	3LA0605-1YB	7705.-	5
4	25	16	3LA0205-5YA	5345.-	10
	63	52	3LA0605-2YB	14050.-	5

POR: Price On Request

\* LP - List Price



# When it comes to safety, nothing beats SIVACON

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

SIVACON

Technology  
Partner

SIEMENS



In conformance to the IEC 61439-1&2, SIVACON S8 guarantees high performance, maximum safety and compact modularity

#### Features

- The only 'Arc Free' switchboards in the world
- Patented double front PCCs upto 7000A, 150kA
- Patented holeless technology for connections
- Patented ventilation technique Combination of fixed, plugin & drawout feeders in the same vertical

[www.siemens.com/sivacon-details](http://www.siemens.com/sivacon-details)

SIEMENS



# 3LD4

## Control Switches

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

**SIEMENS**

## 3LD4 Control Switches

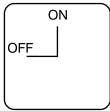
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

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



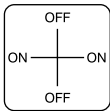
## ON OFF Switches

### 90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1AA00-ORCO	1 Pole	280.-	540.-	650.-	680.-	710.-	870.-	1110.-	1295.-	6775.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	365.-	610.-	730.-	815.-	850.-	1010.-	1330.-	1660.-	8460.-	
3LD4 ___ 3AA00-ORCO	3 Pole	395.-	730.-	860.-	935.-	1110.-	1240.-	1555.-	2225.-	10415.-	
3LD4 ___ 4AA00-ORCO	4 Pole	485.-	790.-	925.-	1115.-	1370.-	1470.-	1780.-	2680.-	12200.-	

### 90° Operation with complete rotation

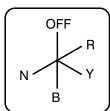
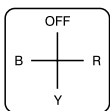


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	275.-	540.-	650.-	680.-	685.-	860.-	1105.-	1290.-	6775.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	365.-	610.-	730.-	815.-	850.-	1010.-	1330.-	1660.-	8460.-	
3LD4 ___ 3BC00-ORCO	3 Pole	395.-	730.-	860.-	935.-	1110.-	1240.-	1555.-	2225.-	10415.-	
3LD4 ___ 4BC00-ORCO	4 Pole	485.-	790.-	925.-	1115.-	1370.-	1470.-	1780.-	2680.-	12200.-	

\* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB  
e.g. for 6A 3 Pole ON OFF Switch the complete type no will be 3LD40013AA00-ORCO

## Instrumentation Selector Switch

### Ammeter Selector Switch (ASS)



Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RCO	595.-	1
	10A	3LD41024DC200RCO	715.-	
	16A	3LD41034DC200RCO	910.-	
	20A	3LD41044DC200RCO	1015.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RCO	590.-	
	10A	3LD41024DD200RCO	710.-	
	16A	3LD41034DD200RCO	895.-	
	20A	3LD41044DD200RCO	1130.-	



\* LP - List Price

### 3LD4 Control Switches

#### Voltmeter Selector Switch (VSS)

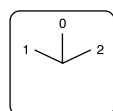
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
 Line voltages with OFF	6A	3LD40014DC300RC0	440.-	1
	10A	3LD41024DC300RC0	650.-	
	16A	3LD41034DC300RC0	830.-	
	20A	3LD41044DC300RC0	935.-	
 Phase voltages with OFF	6A	3LD40014DC310RC0	775.-	
	10A	3LD41024DC310RC0	870.-	
	16A	3LD41034DC310RC0	1115.-	
	20A	3LD41044DC310RC0	1235.-	
 Line & Phase voltages with OFF	6A	3LD40014DF300RC0	775.-	
	10A	3LD41024DF300RC0	1295.-	
	16A	3LD41034DF300RC0	1540.-	
	20A	3LD41044DF300RC0	1675.-	



### Changeover Switch

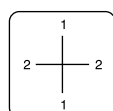
#### With OFF (60°)

Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-ORCO	1P 2W	365.-	665.-	815.-	840.-	860.-	950.-	1290.-	1750.-	8750.-	1
3LD4 ___ 2BB10-ORCO	2P 2W	485.-	815.-	925.-	1090.-	1160.-	1360.-	1765.-	2645.-	12800.-	
3LD4 ___ 3BB10-ORCO	3P 2W	595.-	1010.-	1235.-	1520.-	1760.-	1895.-	2225.-	3565.-	16565.-	
3LD4 ___ 4BB10-ORCO	4P 2W	730.-	1115.-	1420.-	1855.-	2335.-	2455.-	2725.-	4505.-	21120.-	



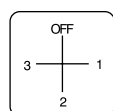
#### Without OFF (90°)

Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-ORCO	1P 2W	365.-	665.-	815.-	830.-	860.-	950.-	1290.-	1750.-	8750.-	1
3LD4 ___ 2PC10-ORCO	2P 2W	485.-	815.-	925.-	1090.-	1160.-	1360.-	1765.-	2645.-	12800.-	
3LD4 ___ 3PC10-ORCO	3P 2W	595.-	1010.-	1235.-	1520.-	1760.-	1895.-	2225.-	3565.-	16565.-	
3LD4 ___ 4PC10-ORCO	4P 2W	730.-	1115.-	1420.-	1855.-	2335.-	2455.-	2725.-	4505.-	21120.-	



### Phase Changeover Switch (PCS)

Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-ORCO	1P 3W	440.-	590.-	685.-	815.-	830.-	1025.-	1505.-	1685.-	7195.-	1



\* Fill in the 5th, 6th & 7th of the type nos with the digits in ( ) to get complete MLFB e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD41023BB10-ORCO

# 3LD4 Control Switches

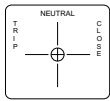
## Breaker Control Switch

Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers. BCS switch has three positions – Trip, Neutral & Close used for switching the circuit breaker via auxiliary releases.



### Product Features

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

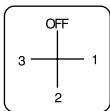


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	2410.-	1
	32A	3LD4206-2BB50-ORCO	2845.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	2905.-	
	32A	3LD4206-4BB50-ORCO	3385.-	

## Multistep Switch

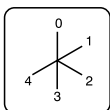


### Multistep 3 Way with OFF



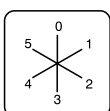
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1CC40-ORCO	1P 3W	440.-	730.-	850.-	870.-	925.-	1030.-	1470.-	1660.-	8460.-	1
3LD4 ___2CC40-ORCO	2P 3W	595.-	860.-	1030.-	1235.-	1410.-	1510.-	2180.-	2450.-	13175.-	
3LD4 ___3CC40-ORCO	3P 3W	860.-	1140.-	1750.-	1870.-	2090.-	2270.-	2900.-	3785.-	17225.-	
3LD4 ___4CC40-ORCO	4P 3W	1105.-	1475.-	2120.-	2320.-	2600.-	2860.-	3890.-	4530.-	21755.-	

### Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1DD40-ORCO	1P 4W	500.-	655.-	1235.-	1340.-	1475.-	1645.-	1860.-	2525.-	7480.-	1
3LD4 ___2DD40-ORCO	2P 4W	860.-	1240.-	1460.-	1500.-	1560.-	1805.-	2335.-	2950.-	11555.-	
3LD4 ___3DD40-ORCO	3P 4W	1200.-	1670.-	2315.-	2430.-	2600.-	2980.-	3985.-	4530.-	31835.-	

### Multistep 5 Way with OFF

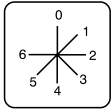


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1EE40-ORCO	1P 5W	565.-	1050.-	1420.-	1600.-	1850.-	1870.-	2315.-	2705.-	7960.-	1
3LD4 ___2EE40-ORCO	2P 5W	1010.-	1625.-	1885.-	2180.-	2520.-	2950.-	3040.-	3800.-	11550.-	

\* LP - List Price

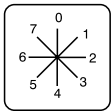
# Multistep Switch

## Multistep 6 Way with OFF



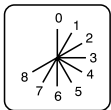
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1FF40-ORCO	1P 6W	725.-	1180.-	1370.-	1505.-	1645.-	1920.-	1970.-	3185.-	1	
3LD4 ___ 2FF40-ORCO	2P 6W	1200.-	1765.-	1980.-	2240.-	2525.-	3060.-	3910.-	5120.-		

## Multistep 7 Way with OFF



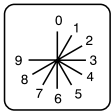
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1GG40-ORCO	1P 7W	730.-	1210.-	1500.-	1640.-	1870.-	1960.-	2040.-	3170.-	1	

## Multistep 8 Way with OFF



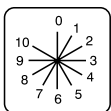
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	835.-	1025.-	1470.-	1705.-	1

## Multistep 9 Way with OFF



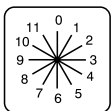
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	860.-	1250.-	1520.-	1805.-	1

## Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-ORCO	1P 10W	1010.-	1325.-	2040.-	2740.-	1

## Multistep 11 Way with OFF



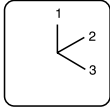
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORCO	1P 11W	1200.-	1435.-	2240.-	2950.-	1

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

# Multistep Switch

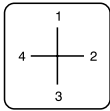


## Multistep 3 Way without OFF



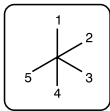
Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___ 1QB40-ORCO	1P 3W	410.-	710.-	860.-	870.-	1090.-	1120.-	1740.-	1960.-	7360.-	1	
3LD4 ___ 2QB40-ORCO	2P 3W	595.-	1070.-	1210.-	1330.-	1430.-	1470.-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

## Multistep 4 Way without OFF



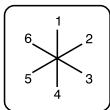
Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___ 1RC40-ORCO	1P 4W	470.-	775.-	1050.-	1130.-	1300.-	1370.-	1885.-	2630.-	8970.-	1	
3LD4 ___ 2RC40-ORCO	2P 4W	665.-	1110.-	1235.-	1420.-	1540.-	1685.-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

## Multistep 5 Way without OFF



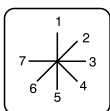
Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___ 1SD40-ORCO	1P 5W	565.-	810.-	1120.-	1290.-	1470.-	1805.-	2315.-	2960.-	7920.-	1	
3LD4 ___ 2SD40-ORCO	2P 5W	1010.-	1370.-	1540.-	1980.-	2320.-	2500.-	3210.-	4070.-	11390.-		

## Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___ 1TE40-ORCO	1P 6W	590.-	725.-	1410.-	1505.-	1645.-	1870.-	2185.-	2770.-	13175.-	1	
3LD4 ___ 2TE40-ORCO	2P 6W	1140.-	1385.-	1895.-	2375.-	2910.-	2990.-	3040.-	3880.-	26285.-		

## Multistep 7 Way without OFF

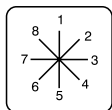


Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)			
3LD4 ___ 1UF40-ORCO	1P 7W	725.-	925.-	1070.-	1475.-	1950.-	1955.-	2335.-	3475.-	1		

\* LP - List Price

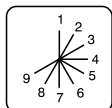
# Multistep Switch

## Multistep 8 Way without OFF



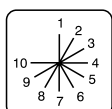
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	730.-	1445.-	1595.-	1705.-	1

## Multistep 9 Way without OFF



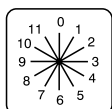
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	860.-	1500.-	2530.-	3150.-	1

## Multistep 10 Way without OFF



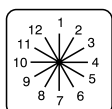
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	925.-	1525.-	2810.-	3785.-	1

## Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1YK40-ORCO	1P 11W	960.-	1560.-	3025.-	3995.-	1

## Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1ZL40-ORCO	1P 12W	1050.-	1595.-	3150.-	4040.-	1

\* Fill in the 5th, 6th & 7th of the type nos with the digits in ( ) to get complete MLFB  
 e.g. for 6A 1 Pole Multistep 4 Way without OFF the complete type no will be 3LD4-0011RC40-ORCO

\* LP - List Price







# 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* ₹
<b>PAC 3120</b> 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
<b>PAC 3220</b> 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
<b>PAC 4220</b> 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 <sup>5</sup>	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.  
<sup>5</sup> Maximum 2 nos.can be connected if communication expansion module is not connected.  
 For exact configuration, please contact your nearest Siemens Sales Office.

## (B) Software Solution

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

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

**PAC EXPANSION Modules**



7KM PAC 3220



7KM PAC4220

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MODBUS RTU



PROFINET



PROFIBUS DP



I(N), I(Diff), Analog



PAC 4DI/2DO



### 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

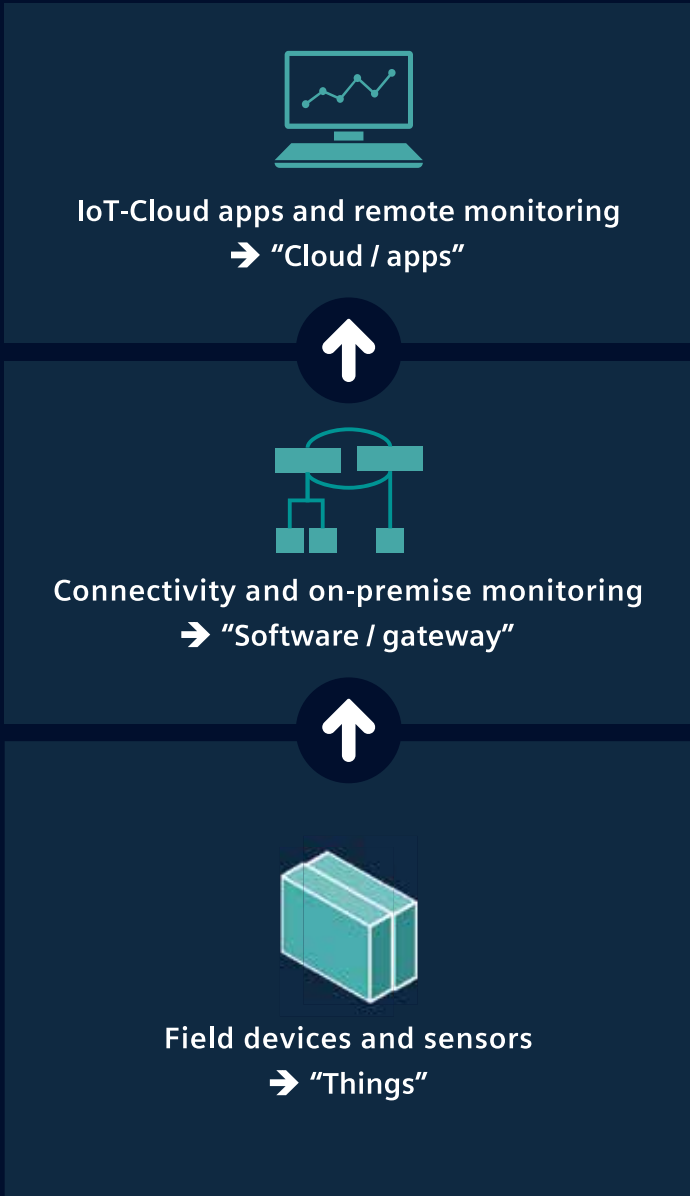
comprehensive security concept



# SENTRON Powercenter 3000

Your easy entry into power and condition monitoring

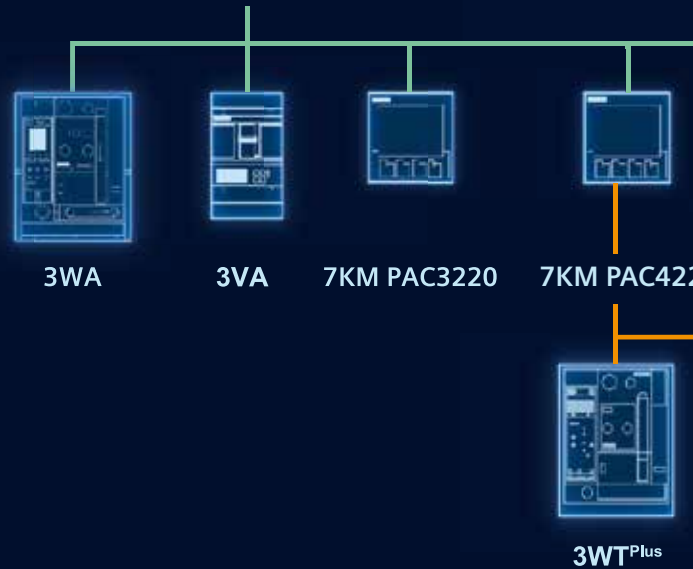
**SIEMENS**



**SENTRON  
Powermind**



7KN Powercenter 3000



\* 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



SETRON  
powermanager



SETRON  
powerconfig



Adaptive  
web interface

 OPC UA Communication\*



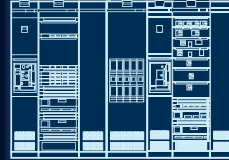
7KM PAC3200T



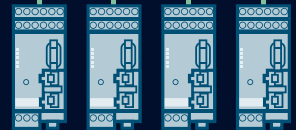
7KM PAC2200



MODBUS device



SIEPAN / SIVACON



SIMOCODE Pro-V  
(up to 32 devices)



7KM PAC3120



MODBUS device



7KT PAC1600

Modbus TCP / HTTP

Modbus RTU

## 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



## SETRON 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 15<sup>th</sup> 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	4960.-
VA meter	7KT0110	4555.-
3 phase energy meter	7KT0210	9885.-

## 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	24375.-
LCD Class 1	7KT0310	20365.-



### Basic Multi Function Meter

Description	Type	Unit LP ₹
Multi-line LED Class 1	7KT0308	15160.-
Single-line LED Class 1	7KT0307	10105.-

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	6590.-

## 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	27505.-
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)

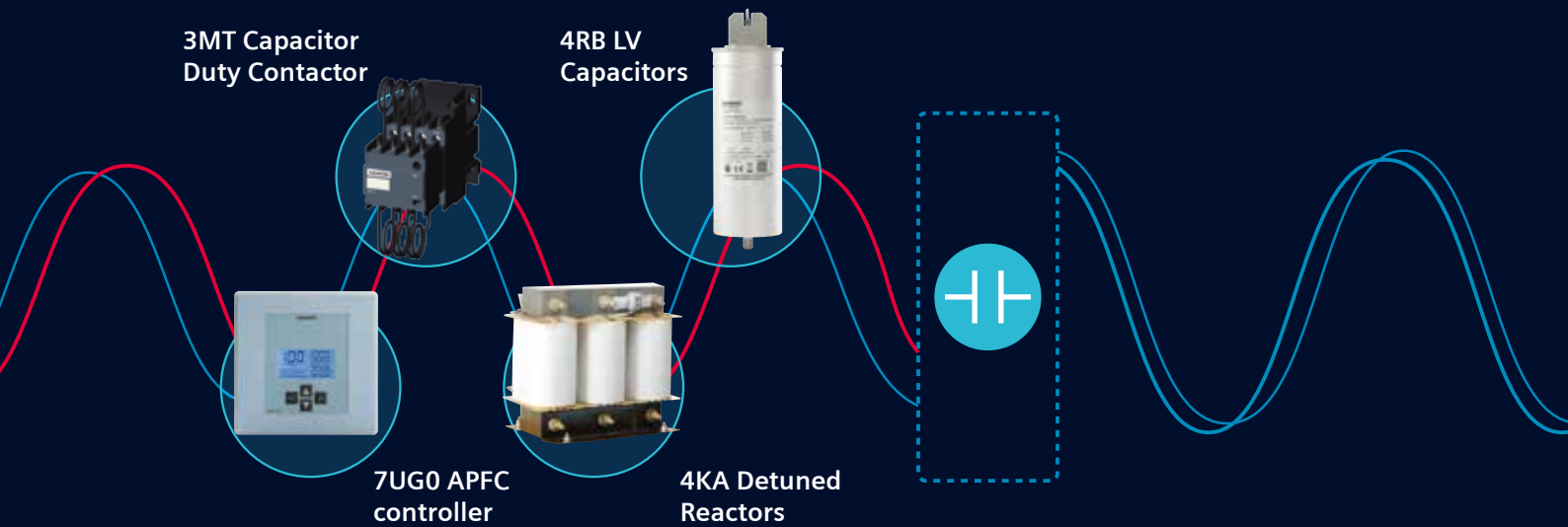
Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75mV	7KT0911	1110.-
External Shunt for DC meter/ 100A/60mV	7KT0922	1385.-
External Shunt for DC meter/ 100A/75mV	7KT0923	1385.-
External Shunt for DC meter/ 150A/75mV	7KT0924	1720.-
External Shunt for DC meter/ 200A/60mV	7KT0925	3060.-

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price

# Power Factor Correction



# SIECAP™ LV Power Capacitors

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	4105.-	1
	6	4RB2060-3EE52-8K	4385.-	1
	7	4RB2070-3EE52-8K	5115.-	1
	7.5	4RB2075-3EE52-8K	5910.-	1
	8.3	4RB2083-3EE52-8K	5865.-	1
	10	4RB2100-3EE52-8K	6725.-	1
	12.5	4RB2125-3EE52-8K	7895.-	1
	15	4RB2150-3EE52-8K	9470.-	1
	20	4RB2200-3EE52-8K	12580.-	1
	20.8	4RB2208-3EE52-8K	13115.-	1
	25	4RB2250-3EE52-8K	15755.-	1
	28	4RB2280-3EE52-8K	17640.-	1
	30	4RB2300-3EE52-8K	18915.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	3780.-	1
	5.5	4RB2055-3EJ52-8K	4185.-	1
	10.4	4RB2104-3EJ52-8K	7455.-	1
	11.1	4RB2111-3EJ52-8K	8100.-	1
	12.5	4RB2125-3EJ52-8K	8300.-	1
	20.8	4RB2208-3EJ52-8K	13800.-	1
	25	4RB2250-3EJ52-8K	16580.-	1
	27.7	4RB2277-3EJ52-8K	18380.-	1
	30	4RB2300-3EJ52-8K	19915.-	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 disconnecter
- Shock hazard protected SIGUT terminals



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	4820.-	1
	7.5	4RB2075-3EB53-8K	7515.-	1
	10.4	4RB2104-3EB53-8K	8885.-	1
	12.5	4RB2125-3EB53-8K	9630.-	1
	15	4RB2150-3EB53-8K	11565.-	1
	20	4RB2200-3EB53-8K	15415.-	1
	25	4RB2250-3EB53-8K	19270.-	1
440	5	4RB2050-3EE53-8K	4960.-	1
	7.5	4RB2075-3EE53-8K	7480.-	1
	10	4RB2100-3EE53-8K	8530.-	1
	12.5	4RB2125-3EE53-8K	9630.-	1
	15	4RB2150-3EE53-8K	11565.-	1
	20	4RB2200-3EE53-8K	15415.-	1
	25	4RB2250-3EE53-8K	19270.-	1
	30	4RB2300-3EE53-8K	23110.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	4960.-	1
	6.3	4RB2063-3EJ53-8K	5595.-	1
	10.4	4RB2104-3EJ53-8K	8305.-	1
	11	4RB2110-3EJ53-8K	8790.-	1
	12.5	4RB2125-3EJ53-8K	9985.-	1
	13.8	4RB2138-3EJ53-8K	11020.-	1
	15	4RB2150-3EJ53-8K	11975.-	1
	16.7	4RB2167-3EJ53-8K	13325.-	1
	18.7	4RB2187-3EJ53-8K	14920.-	1
	20	4RB2200-3EJ53-8K	15980.-	1
	22	4RB2220-3EJ53-8K	17550.-	1
	25	4RB2250-3EJ53-8K	19950.-	1
	28.1	4RB2281-3EJ53-8K	22430.-	1
	30	4RB2300-3EJ53-8K	23930.-	1
525	5	4RB2050-3FC53-8K	5115.-	1
	6.3	4RB2063-3FC53-8K	6200.-	1
	8.3	4RB2083-3FC53-8K	7545.-	1
	10.4	4RB2104-3FC53-8K	8585.-	1
	12.5	4RB2125-3FC53-8K	10330.-	1
	13.2	4RB2132-3FC53-8K	10905.-	1
	15	4RB2150-3FC53-8K	12380.-	1
	16.7	4RB2167-3FC53-8K	13810.-	1
	20	4RB2200-3FC53-8K	16510.-	1
	25	4RB2250-3FC53-8K	20635.-	1
	26.5	4RB2265-3FC53-8K	21880.-	1
	30	4RB2300-3FC53-8K	24780.-	1
	33.1	4RB2331-3FC53-8K	27325.-	1

Power Factor Correction



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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



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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	7170.-	1
	6.3	4RB1063-3EB50-8K	8945.-	1
	7.5	4RB1075-3EB50-8K	10655.-	1
	10.4	4RB1104-3EB50-8K	9855.-	1
	12.5	4RB1125-3EB50-8K	11670.-	1
	15	4RB1150-3EB50-8K	14010.-	1
	20	4RB1200-3EB50-8K	18685.-	1
	25	4RB1250-3EB50-8K	23350.-	1
	28.1	4RB1281-3EB50-8K	26225.-	1
	30	4RB1300-3EB50-8K	28015.-	1
440	5	4RB1050-3EE50-8K	6975.-	1
	7.5	4RB1075-3EE50-8K	10605.-	1
	10	4RB1100-3EE50-8K	9480.-	1
	10.4	4RB1104-3EE50-8K	9855.-	1
	12.5	4RB1125-3EE50-8K	11670.-	1
	15	4RB1150-3EE50-8K	14010.-	1
	16.7	4RB1167-3EE50-8K	15595.-	1
	20	4RB1200-3EE50-8K	18685.-	1
	25	4RB1250-3EE50-8K	23350.-	1
	28.1	4RB1281-3EE50-8K	26225.-	1
480	5	4RB1050-3EJ50-8K	7445.-	1
	6.3	4RB1063-3EJ50-8K	8900.-	1
	8.3	4RB1083-3EJ50-8K	8645.-	1
	10.4	4RB1104-3EJ50-8K	9530.-	1
	11	4RB1111-3EJ50-8K	10650.-	1
	12.5	4RB1125-3EJ50-8K	12090.-	1
	13.8	4RB1138-3EJ50-8K	13360.-	1
	15	4RB1150-3EJ50-8K	14515.-	1
	16.7	4RB1167-3EJ50-8K	16145.-	1
	18.7	4RB1187-3EJ50-8K	18085.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	7580.-	1
	6.3	4RB1063-3FC50-8K	8900.-	1
	8.3	4RB1083-3FC50-8K	8640.-	1
	10.4	4RB1104-3FC50-8K	9530.-	1
	12.5	4RB1125-3FC50-8K	12510.-	1
	13.2	4RB1132-3FC50-8K	13210.-	1
	15	4RB1150-3FC50-8K	15005.-	1
	16.7	4RB1167-3FC50-8K	16720.-	1
	20	4RB1200-3FC50-8K	20000.-	1
	25	4RB1250-3FC50-8K	25015.-	1
690	26.5	4RB1265-3FC50-8K	26520.-	1
	30	4RB1300-3FC50-8K	30025.-	1
	33.1	4RB1331-3FC50-8K	33115.-	1
	5.3	4RB1053-3GK50-8K	8205.-	1
	6.9	4RB1068-3GK50-8K	10190.-	1
	10.4	4RB1104-3GK50-8K	9855.-	1
	12.5	4RB1125-3GK50-8K	12930.-	1
	14.6	4RB1146-3GK50-8K	15100.-	1
	20	4RB1200-3GK50-8K	20675.-	1
	25	4RB1250-3GK50-8K	25855.-	1

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Std. Pkg. = 1 unit

\* LP - List Price

Power Factor Correction

# Harmonics filter

## Detuned reactor

### Features

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

### Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	35410.-
10kvar	5.67%	4KA1220-3AC01-0AA0	39950.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	43735.-
15kvar	5.67%	4KA1220-5AC01-0AA0	58370.-
20kvar	5.67%	4KA1220-6AC01-0AA0	60770.-
25kvar	5.67%	4KA1220-7AC01-0AA0	62080.-
5kvar	7%	4KA1220-1AA01-0AA0	27185.-
10kvar	7%	4KA1220-3AA01-0AA0	37295.-
12.5kvar	7%	4KA1220-4AA01-0AA0	40265.-
15kvar	7%	4KA1220-5AA01-0AA0	46490.-
20kvar	7%	4KA1220-6AA01-0AA0	49525.-
25kvar	7%	4KA1220-7AA01-0AA0	52120.-
50kvar	7%	4KA1220-2BA01-0AA0	92860.-
75kvar	7%	4KA1220-3BA03-0AA0	130230.-
100kvar	7%	4KA1220-4BA03-0AA0	163920.-
5kvar	14%	4KA1220-1AB01-0AA0	35790.-
12.5kvar	14%	4KA1220-4AB01-0AA0	73970.-
15kvar	14%	4KA1220-5AB01-0AA0	70345.-
20kvar	14%	4KA1220-6AB01-0AA0	86515.-
25kvar	14%	4KA1220-7AB01-0AA0	103525.-
50kvar	14%	4KA1220-2BB01-0AA0	169460.-
75kvar	14%	4KA1220-3BB03-0AA0	278790.-
100kvar	14%	4KA1220-4BB03-0AA0	334910.-

### Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	19565.-
10kvar	5.67%	4KA1420-3AC01-0AA0	25775.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	29480.-
15kvar	5.67%	4KA1420-5AC01-0AA0	34600.-
20kvar	5.67%	4KA1420-6AC01-0AA0	43025.-
25kvar	5.67%	4KA1420-7AC01-0AA0	44655.-
50kvar	5.67%	4KA1420-2BC01-0AA0	70170.-
5kvar	7%	4KA1420-1AA01-0AA0	21515.-
10kvar	7%	4KA1420-3AA01-0AA0	27690.-
12.5kvar	7%	4KA1420-4AA01-0AA0	30620.-
15kvar	7%	4KA1420-5AA01-0AA0	34510.-
20kvar	7%	4KA1420-6AA01-0AA0	36750.-
25kvar	7%	4KA1420-7AA01-0AA0	39310.-
50kvar	7%	4KA1420-2BA01-0AA0	67590.-
75kvar	7%	4KA1420-3BA03-0AA0	96005.-
100kvar	7%	4KA1420-4BA03-0AA0	120090.-
5kvar	14%	4KA1420-1AB01-0AA0	28725.-
10kvar	14%	4KA1420-3AB01-0AA0	48910.-
12.5kvar	14%	4KA1420-4AB01-0AA0	57995.-
15kvar	14%	4KA1420-5AB01-0AA0	60905.-
20kvar	14%	4KA1420-6AB01-0AA0	74075.-
25kvar	14%	4KA1420-7AB01-0AA0	84610.-
50kvar	14%	4KA1420-2BB01-0AA0	135670.-

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.



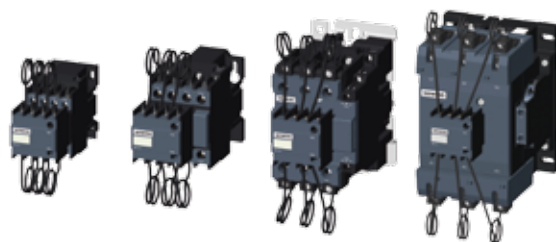
## Reliable

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.)
<b>NEW</b> 2.5kvar	1NO	3MT70002JA106A..	3245.-	1NC	3MT70002JA016A..	3245.-	1
<b>NEW</b> 5kvar	1NO	3MT70005JA106A..	3590.-	1NC	3MT70005JA016A..	3590.-	1
<b>NEW</b> 7.5kvar	1NO+1NC	3MT70007JA116A..	3955.-	2NC	3MT70007JA026A..	3955.-	1
<b>NEW</b> 10kvar	1NO+1NC	3MT70010JA116A..	4925.-	2NC	3MT70010JA026A..	4925.-	1
<b>NEW</b> 12.5kvar	1NO+1NC	3MT70012JA116A..	5030.-	2NC	3MT70012JA026A..	5030.-	1
<b>NEW</b> 16.7kvar	1NO+1NC	3MT70016JA116A..	6665.-	2NC	3MT70016JA026A..	6665.-	1
<b>NEW</b> 20kvar	1NO+1NC	3MT70020JA116A..	7410.-	2NC	3MT70020JA026A..	7410.-	1
<b>NEW</b> 25kvar	1NO+1NC	3MT70025JA116A..	8495.-	2NC	3MT70025JA026A..	8495.-	1
<b>NEW</b> 33.3kvar	1NO+2NC	3MT70033JA126A..	12875.-				1
<b>NEW</b> 40kvar	1NO+2NC	3MT70040JA126A..	20785.-				1
<b>NEW</b> 50kvar	1NO+2NC	3MT70050JA126A..	24330.-				1
60kvar	1NO+2NC	3MT70060JA126A..	25860.-				1
80kvar	1NO+2NC	3MT70080JA126A..	31745.-				1
100kvar	1NO+2NC	3MT70100JA126A..	32990.-				1

@ Please enter coil codes from table below

### Coil for Contactors 2.5 to 60 kvar

### Coil for Contactors 80 and 100 kvar

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

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

## Spares for 3MT7 Contactors

Contactors Coils	Type®	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	970.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1145.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2950.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	3220.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	725.-	10
2NC	3MT70200CL09M1A	725.-	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	29725.-
	12 Stage with LCD display	7UG0572-1GT20	31840.-
	12 stage with LED display	7UG0572-1GT21	18205.-

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](http://www.siemens.com/Reyrolle)

**SIEMENS**

# Portfolio Overview

Feeder Protection

Non-Directional  
Fixed



7SR1002 / 3

Directional  
Fixed



7SR1004

Non-Directional  
Drawout



7SR11

Directional  
Drawout



7SR12

Motor Protection

Non-Directional | Fixed



7SR105

Directional | Drawout



7SR17

Transformer Protection

Directional | Drawout

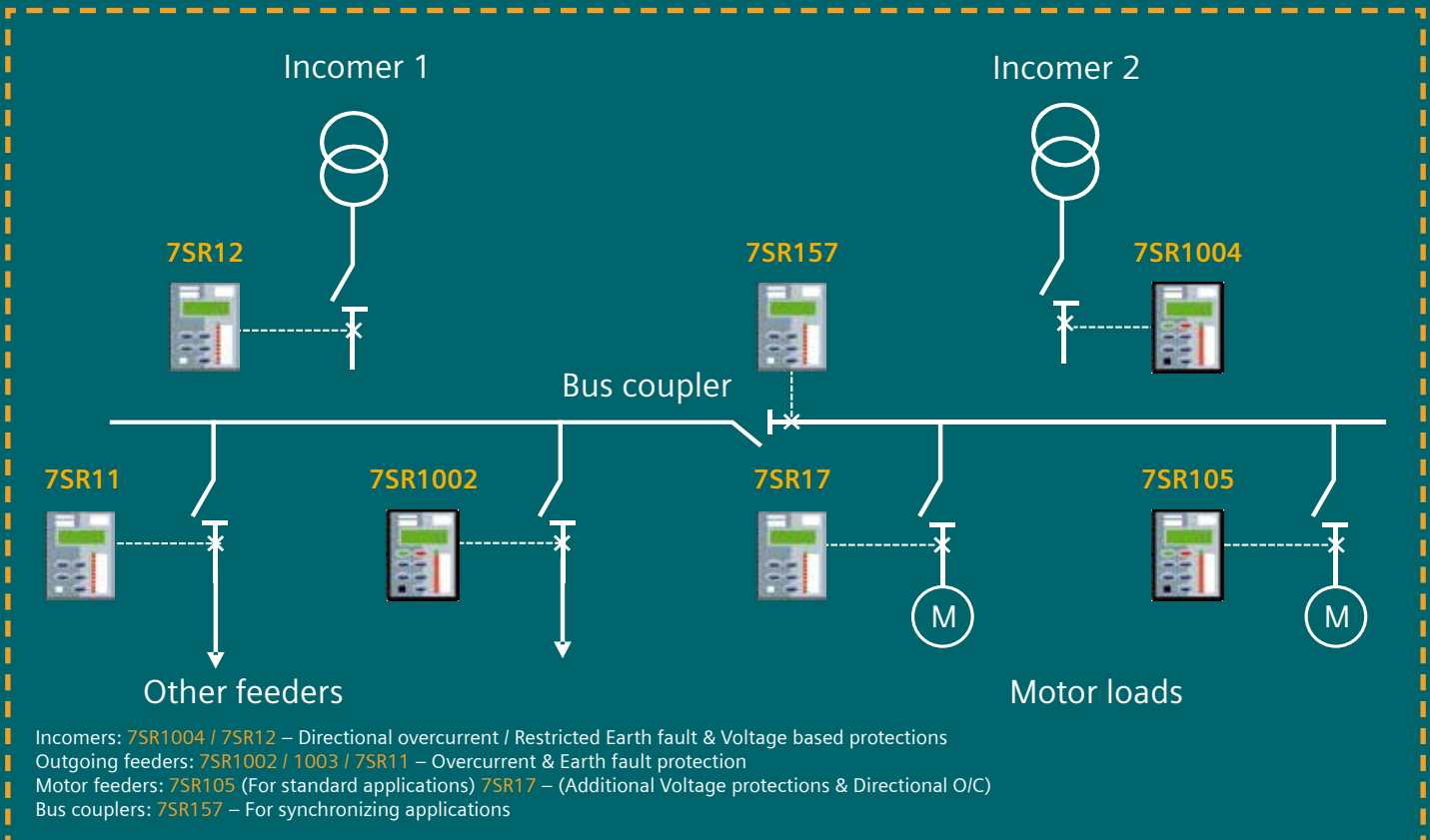


7SR242



Check synchronizing



7SR157



## 7SR Numerical Relays

		Description	Type *	Unit LP ₹
Feeder Protection		<b>Non Drawout   Non Directional</b> overcurrent relay   6 BI 6 BOs   <b>Measuring current input:</b> 1/5A   <b>Auxiliary voltage:</b> 60 to 240V AC/DC   <b>BI Threshold:</b> 44V AC/DC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 46BC, 46NPS, 49, 50, 51, 50G/N, 51G/N, 50/51 SEF, 74T/CCS, 81THD, 86	7SR1003-1LA20-2CA0	144555.-
		<b>Non Drawout   Directional</b> overcurrent relay   9 BI 6 BOs   <b>Measuring current input:</b> 1/5A with SEF input   <b>Auxiliary voltage:</b> 60 to 240V AC/DC   <b>BI Threshold:</b> 88V AC/DC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 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	250445.-
		<b>Drawout   Non Directional</b> overcurrent relay   6 BI 8 BOs   <b>Measuring current input:</b> 1/5A   <b>Auxiliary voltage:</b> 100 to 230V AC/24 -250VDC   <b>BI Threshold:</b> 19VDC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 46BC, 46NPS, 49, 50, 50AFD, 50BF, 51, 50G/N, 51G/N, 64H, 74T/CCS, 86	7SR1103-1MA12-1CA0	244040.-
		<b>Drawout   Directional</b> overcurrent relay   6 BI 8 BOs   <b>Measuring current input:</b> 1/5A with SEF input   <b>Auxiliary voltage:</b> 100 to 230V AC/24 -250VDC   <b>BI Threshold:</b> 19VDC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 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	272215.-
Motor Protection		<b>Non Drawout   Motor Protection Relay</b>   6 BI 6 BOs   <b>Measuring current input:</b> 1/5A   <b>Auxiliary voltage:</b> 60 to 240V AC/DC   <b>BI Threshold:</b> 44V AC/DC   <b>Communication:</b> Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 <b>Protection Functions:</b> 14, 37, 46, 46PhRev, 48/66, 49, 50/51, 50G/N, 51G/N, 50BCL, 50BF, 74T/CCS, 81B	7SR1053-2LA21-2EA0	209820.-

\* 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	18560.-
		Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	18560.-
		Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	18560.-
		Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	18560.-
		Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	37275.-
		Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	37275.-
Trip Relays		Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	18560.-
		Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	18560.-
		TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	34040.-

# SIEMENS

## SENTRON Circuit protection devices with measuring and communication function

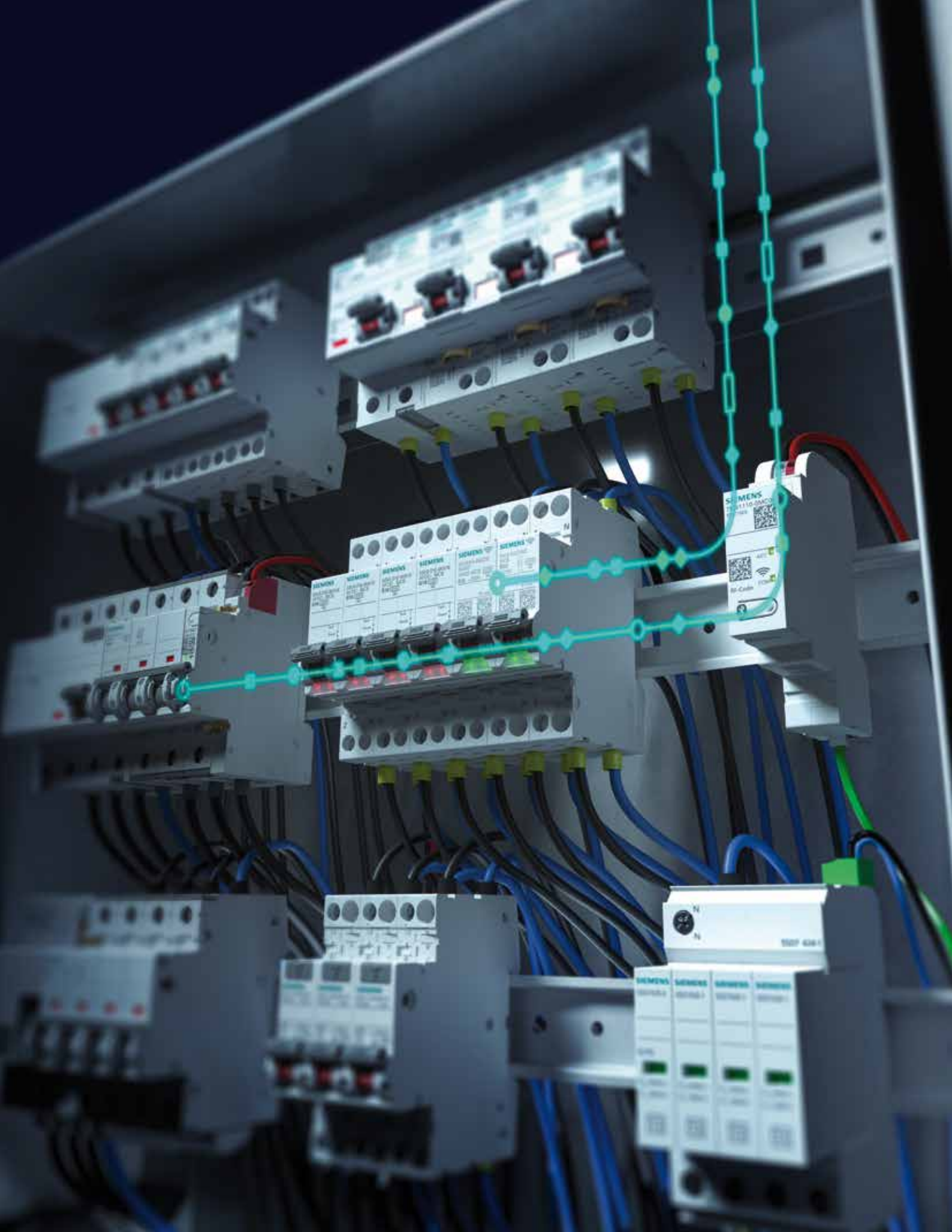


**SENTRON  
5SV6 COM  
AFDD/MCB**



**SENTRON  
Powercenter 1000  
data transceiver**





THE POWER OF **SIMPLICITY**

**NEW**

# SINOPLUS 5TJ Miniature Circuit Breakers

**IEC**

Safe  
Complies with  
IEC standards



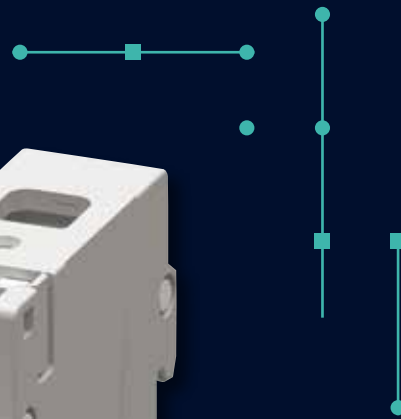
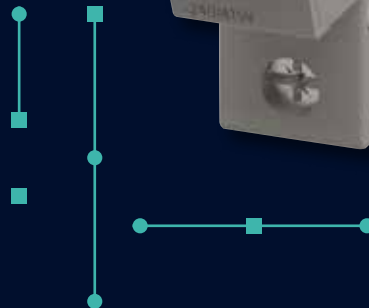
Comprehensive  
range  
For various  
applications



Reliable  
Siemens trusted  
quality



RoHS  
compliance  
Environmentally  
friendly







**SIEMENS**

# Betagard Miniature Circuit Breakers Type 5SL6 and 5SL4



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

	I <sub>n</sub> 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



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

# 1 MW (Module Width) = 18 mm

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





# Geared to act **FAST!**

## Siemens range of fuses

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

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

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

[www.siemens.com/fuses](http://www.siemens.com/fuses)

**SIEMENS**

# HRC fuses (DIN) 3NA

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



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

Size	Rated current (A)	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	715.-	1/6
	4	3NA78040RC	715.-	1/6
	6	3NA78010RC	715.-	1/6
	10	3NA78030RC	715.-	1/6
	16	3NA78050RC	720.-	1/6
	20	3NA78070RC	720.-	1/6
	25	3NA78100RC	720.-	1/6
	32	3NA78120RC	720.-	1/6
	40	3NA78170RC	750.-	1/6
	50	3NA78200RC	750.-	1/6
	63	3NA78220RC	840.-	1/6
	80	3NA78240RC	925.-	1/6
	100	3NA78300RC	925.-	1/6
	00	125	3NA78320RC	1105.-
160		3NA78360RC	1170.-	1/6
50		3NA71200RC	1595.-	1/3
63		3NA71220RC	1595.-	1/3
80		3NA71240RC	1595.-	1/3
100		3NA71300RC	1595.-	1/3
1	125	3NA71320RC	1670.-	1/3
	160	3NA71360RC	1715.-	1/3
	200	3NA71400RC	1715.-	1/3
	224	3NA71420RC	1790.-	1/3
	250	3NA71440RC	1930.-	1/3
	200	3NA72400RC	2370.-	1/3
	2	250	3NA72440RC	2465.-
315		3NA72520RC	2555.-	1/3
400*		3NA72600RC	2555.-	1/3
3	315	3NA33520RC	3635.-	1/3
	400	3NA33600RC	3635.-	1/3
	500	3NA33650RC	4060.-	1/3
	630	3NA33720RC	4160.-	1/3
	800*	3NA33754RC	5065.-	1/3

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

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

Size	Rated current (A)	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
00	40	3NA78176RC	1025.-	1/6
	50	3NA78206RC	1025.-	1/6
	63	3NA78226RC	1105.-	1/6
	80	3NA78246RC	1170.-	1/6
1	100	3NA78306RC	1170.-	1/6
	125	3NA71326RC	2050.-	1/3
	160	3NA71366RC	2125.-	1/3
2	200	3NA71406RC	2125.-	1/3
	250	3NA72446RC	2815.-	1/3
3	315	3NA72526RC	3030.-	1/3
	400	3NA33606RC	4510.-	1/3
	500	3NA33626RC	4510.-	1/3
	500	3NA33656RC	4820.-	1/3

## Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
00	160	3NG1000	810.-	1
1	250	3NG1250	1225.-	1
2	400	3NG1300	1985.-	1
3	630	3NG1400	2060.-	1



## Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	3NH3030-ORC (Screw-in)	1000.-	1/10
00/000	160	3NA7 8	3NH3032-ORC (Plug in)	1075.-	1/10
1	250	3NA7 1	3NH3230-ORC	2010.-	1/5
2	400	3NA7 2	3NH3330-ORC	2845.-	1/5
3	630	3NA3 3	3NH3430-ORC	4100.-	1/5
3	800	3NA3 3	3NH3430-4RC	4855.-	1/5



## Fuse puller

Description	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	3NX1011	4825.-	1
Suitable only for fuse links and isolating links	3NX1010	2015.-	1



## LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	1150.-	1/10
00/000	3NX3116	720.-	1/10



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

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

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



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

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

\*\* Purchase MOQ for our authorised dealers is in multiples of standard packing, please contact your nearest Siemens Sales Office for further details  
 POR: Price On Request

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

# 3NA6 Fuse with Insulated Gripping Lugs

NEW

Enhancement in safety with high grade plastic cover plates.

IEC

Safe  
Complies with  
IEC standards



Ease of  
Maintenance  
Retrofitting at  
site



Reliable  
Siemens trusted  
quality



RoHS  
Complies to  
RoHS directives



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	1715.-	3
		63A	500 V	3NA61220RC	1930.-	3
		80A	500 V	3NA61240RC	2465.-	3
		100A	500 V	3NA61300RC	2555.-	3
		125A	500 V	3NA61320RC	1595.-	3
		160A	500 V	3NA61360RC	1595.-	3
		200A	500 V	3NA61400RC	1595.-	3
		224A	500 V	3NA61420RC	1595.-	3
		250A	500 V	3NA61440RC	1670.-	3
	2	200A	500 V	3NA62400RC	1715.-	3
		250A	500 V	3NA62440RC	1790.-	3
		315A	500 V	3NA62520RC	2370.-	3
		400A	500 V	3NA62600RC	2555.-	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](http://www.siemens.com/fuses)

**SIEMENS**

# SENTRON COM LV HRC fuses (DIN) 3NA

NEW

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

## 3NA COM LV HRC fuse links with integrated Electronic Module

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



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

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



## Electrical module

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

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

\* LP - List Price                      POR: Price On Request

# For communication to be used with 3NX8201



Fuses

# HRC fuses (BS) 3NW

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



## Blade tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWN52	230.-	20
4	■ 3NWN54	230.-	20
6	■ 3NWN56	230.-	20
10	■ 3NWN510	230.-	20
16	■ 3NWN516	230.-	20
20	■ 3NWN520	270.-	20
25	■ 3NWN525	270.-	20
32	■ 3NWN532	270.-	20

## Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	325.-	20
4	3NWTIA4	325.-	20
6	3NWTIA6	325.-	20
10	■ 3NWTIA10	365.-	20
16	■ 3NWTIA16	365.-	20
20	■ 3NWTIA20	365.-	20
25	■ 3NWTIA25	365.-	20
32	■ 3NWTIA32	365.-	20
40	3NWTIS40	500.-	20
50	■ 3NWTIS50	500.-	20
63	■ 3NWTIS63	500.-	20
80	3NWTCP80	1285.-	10
100	■ 3NWTCP100	1285.-	10
125	3NWTFP125	2605.-	5
160	3NWTFP160	2605.-	5
200	3NWTFP200	2605.-	5

## Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	1385.-	10
100	3NWT100	1385.-	10
125	3NWT125	2850.-	5
160	3NWT160	2850.-	5
200	3NWT200	2850.-	5
250	3NWT250	3940.-	1
315	3NWT315	3940.-	1
355	3NWT355	4590.-	1
400	3NWT400	4590.-	1
500	3NWT500	7210.-	1
630	3NWT630	8780.-	1
710	3NWT710	10035.-	1
800	3NWT800	10035.-	1

## Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	270.-	20
10	3NWTSA10	270.-	20
16	3NWTSA16	270.-	20
20	3NWTSA20	270.-	20
25	3NWTSA25	270.-	20
32	3NWTSA32	270.-	20
36	3NWTSS36	540.-	20
40	3NWTSS40	540.-	20
50	3NWTSS50	540.-	20
63	3NWTSS63	540.-	20
80	3NWTSDS80	1015.-	20
100	3NWTSDS100	1015.-	20
125	3NWTSP125	1275.-	5
160	3NWTSP160	1390.-	5
200	3NWTSP200	1275.-	5

## Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	1235.-	10
100	3NWTSDC100	1235.-	10
125	3NWTSF125	1285.-	5
160	3NWTSF160	1285.-	5
200	3NWTSF200	1285.-	5
250	3NWTSK250	3085.-	1
315	3NWTSK315	3085.-	1
355	3NWTSMS355	5150.-	1
400	3NWTSMS400	5150.-	1
450	3NWTSTS450	4275.-	1
500	3NWTSTS500	4275.-	1
560	3NWTSL560	8155.-	1
630	3NWTSL630	6920.-	1
800	3NWTSL800	9990.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWC32F9	5320.-	10
63	3NWC63F9	6240.-	10
100	3NWC100F9	6890.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NSF	455.-	10
32	■ 3NW32NSF	575.-	10
32A (Iso. Link)	■ 3NW32NSL	250.-	10

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

■ Stock items

\* MRP - Maximum Retail Price

Please order in multiples of standard packing.

# Fuses for semiconductor protection - SITOR 3NE / 3NC

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

## 3NE4 type

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
1000	32	3NE4101	gR	0	5160.-	3
	40	3NE4102	gR	0	5180.-	3
	50	3NE4117	gR	0	5435.-	3
	80	3NE4120	aR	0	5880.-	3
	100	3NE4121	aR	0	6440.-	3
	125	3NE4122	aR	0	6920.-	3
	160	3NE4124	aR	0	7625.-	3

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	3NE43276	aR	-	13120.-	1
	315	3NE43306	aR	-	13550.-	1
	450	3NE43336	aR	-	14160.-	1
	500	3NE43346	aR	-	14275.-	1
	710	3NE43376	aR	-	15960.-	1

## 3NE8 type<sup>1)</sup> 690 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	10950.-	3
35	3NE80031	gR	00	10950.-	3
50	3NE80171	gR	00	10950.-	3
63	3NE80181	gR	00	10950.-	3
80	3NE80201	aR	00	12145.-	3
100	3NE80211	aR	00	12710.-	3
125	3NE80221	aR	00	12905.-	3
160	3NE80241	aR	00	14165.-	3
200	3NE12252	gR	1	35820.-	3
250	3NE12272	gR	1	37030.-	3
315	3NE12302	gR	1	38305.-	3
350	3NE13312	gR	2	50700.-	3
400	3NE13322	gR	2	65120.-	3
450	3NE13332	gR	2	54480.-	3
500	3NE13342	gR	2	56620.-	3
560	3NE14352	gR	3	70360.-	3
630	3NE14362	gR	3	72995.-	3
670	3NE14472	gR	3	74600.-	3
710	3NE14372	gR	3	77790.-	3
800	3NE14382	gR	3	83590.-	3
850	3NE14482	gR	3	90990.-	3

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

<sup>1)</sup> 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	-	61105.-	3
1250	3NE9450	aR	-	57590.-	3

## 3NE1 type<sup>1)</sup> 690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	12905.-	3
20	3NE18140	gS	000	12905.-	3
25	3NE18150	gS	000	12905.-	3
35	3NE18030	gS	000	12905.-	3
40	3NE18020	gS	000	12905.-	3
50	3NE18170	gS	000	12905.-	3
63	3NE18180	gS	000	12905.-	3
80	3NE18200	gS	000	12905.-	3
100	3NE10210	gS	00	16655.-	3
125	3NE10220	gS	00	16655.-	3
160	3NE12240	gS	1	39370.-	3
200	3NE12250	gS	1	39370.-	3
250	3NE12270	gS	1	41340.-	3
315	3NE12300	gS	1	44335.-	3
350	3NE13310	gS	2	55050.-	3
400	3NE13320	gS	2	55525.-	3
450	3NE13330	gS	2	55880.-	3
500	3NE13340	gS	2	56705.-	3
560	3NE14350	gS	3	57030.-	3
630	3NE14360	gS	3	59490.-	3
710	3NE14370	gS	3	63480.-	3
800	3NE14380	gS	3	72480.-	3

## 3NE8 type 690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	11635.-	10
25	3NE87151	gR	000	11635.-	10
32	3NE87011	gR	000	11635.-	10
40	3NE87021	gR	000	11635.-	10
50	3NE87171	gR	000	11990.-	10
63	3NE87181	aR	000	11990.-	10
80	3NE87201	aR	000	12575.-	10
100	3NE87211	aR	000	12575.-	10
125	3NE87221	aR	000	11180.-	10
160	3NE87241	aR	000	13050.-	10
200	3NE87251	aR	000	13340.-	10
250	3NE87271	aR	000	14485.-	10
315	3NE87311	aR	000	19045.-	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	29315.-	3
125	3NE3222	aR	1	30170.-	3
160	3NE3224	aR	1	30170.-	3
200	3NE3225	aR	1	33200.-	3
250	3NE3227	aR	1	34075.-	3
315	3NE32300B	aR	1	35480.-	3
350	3NE3231	aR	1	42125.-	3
400	3NE32320B	aR	1	45120.-	3
450	3NE3233	aR	1	46735.-	3
400	3NE33320B	aR	2	45550.-	3
450	3NE3333	aR	2	47975.-	3
500	3NE33340B	aR	2	48870.-	3
560	3NE3335	aR	2	50720.-	3
630	3NE3336	aR	2	53135.-	3
710 <sup>^</sup>	3NE33378	aR	2	72770.-	3
800 <sup>^</sup>	3NE33388	aR	2	74780.-	3
900 <sup>^</sup>	3NE33408	aR	2	89080.-	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

<sup>^</sup> 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	67420.-	3
200	3NC84253C	gR	3	47045.-	3
250	3NC84273C	gR	3	53785.-	3
350	3NC84313C	gR	3	55460.-	3
500	3NC84343C	gR	3	59935.-	3
1000 <sup>#</sup>	3NC84443C	aR	3	108910.-	3

<sup>#</sup> 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	86095.-	2
224	3NE54260C	aR	3	94190.-	2
250	3NE56270C	aR	3	87370.-	3
315	3NE54300C	aR	3	89970.-	2
350	3NE54310C	aR	3	98760.-	2
450	3NE56330C	aR	3	98060.-	3
600	3NE56430C	aR	3	116680.-	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 <sub>n</sub> (A)	U <sub>n</sub> (V AC / V DC)	Con-nection bolt	Type	Unit LP* ₹	Std. pkg. (nos.)	
75	3NC18	50	690	M5	3NH5723	POR	1/3	
80	3NE87, 3NC26	315	690	M8	3NH5023		1/3	
	3NE80...3MK	400	690	M10	3NH5323		1/3	
	3NC32...-1U, 3NE82...-3MK	1600	690	M10	3NH5423			
110	3NC24, 3NC33...-1U, 3NC34...-1U, 3NC84, 3NE1...-3, 3NE32, 3NE33, 3NE34	1250	1250	M10	3NH5463		1/3	
	170	3NE53, 3NE56	630	1800	M10		3NH5473	1/3

Utilization category as per VDE 0636/IEC 60269

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

1st letter

a = Partial range of protection (accompanied fuses)  
g = Complete range protection (general purpose fuses)

2nd letter

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

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

\* LP - List Price      POR: Price On Request

**Please order in multiples of standard packing.**

# Cylindrical Fuses (3NW)

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



## Cylindrical Fuse, Size 10 x 38

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)		
0.5A	10 x 38	500	3NW60001	970.-	1/10		
1A			3NW60111	970.-	1/10		
2A			3NW60021	970.-	1/10		
4A			3NW60041	970.-	1/10		
6A			3NW60011	970.-	1/10		
8A			3NW60081	970.-	1/10		
10A			3NW60031	970.-	1/10		
12A			3NW60061	970.-	1/10		
16A			3NW60051	970.-	1/20		
20A			3NW60071	970.-	1/20		
25A			3NW60101	970.-	1/20		
32A			3NW60121	970.-	1/20		
			400				

## Cylindrical Fuse, Size 14 x 51

Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
4A	14 x 51	690	3NW61041	1075.-	1/10
6A			3NW61011	1075.-	1/10
8A			3NW61081	1075.-	1/10
10A			3NW61031	1075.-	1/10
12A			3NW61061	1075.-	1/10
16A			3NW61051	1075.-	1/10
20A			3NW61071	1075.-	1/10
25A			3NW61101	1075.-	1/10
32A			3NW61121	1280.-	1/10
40A			500		3NW61171
50A	3NW61201	1280.-			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	1880.-	1/10	
20A			3NW62071	1880.-	1/10	
25A			3NW62101	1880.-	1/10	
32A			3NW62121	1880.-	1/10	
40A			3NW62171	2065.-	1/10	
50A			3NW62201	2065.-	1/10	
63A		500		3NW62221	2065.-	1/10
80A				3NW62241	2065.-	1/10
100A				3NW62301	2285.-	1/10

## Cylindrical Fuse holders

No of Poles	Size	Rating (A)	MW	Type	Unit LP* ₹	Std. pkg.** (nos.)
1P	10 x 38	32A	1	3NW70132	1735.-	1/1
	14 x 51	50A	1.5	3NW7111	5500.-	1/1
	22 x 58	100A	2	3NW7211	8990.-	1/1
1+N	10 x 38	32A	1	3NW70532	3540.-	1/1
	14 x 51	50A	3	3NW7151	11390.-	1/1
	22 x 58	100A	4	3NW7251	18430.-	1/1
2P	10 x 38	32A	2	3NW70232	3470.-	1/1
	14 x 51	50A	3	3NW7121	10960.-	1/1
	22 x 58	100A	4	3NW7221	15515.-	1/1
3P	10 x 38	32A	3	3NW70332	5215.-	1/1
	14 x 51	50A	4.5	3NW7131	16420.-	1/1
	22 x 58	100A	6	3NW7231	23140.-	1/1

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

\* LP - List Price

### Fuse Systems Available

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



### Fuses for Special Applications

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





# 5SD Surge Protection Devices

## Safe & Reliable

Surge Protection Devices are available in the following types:

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

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

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

**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  $\leq 6$  seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please contact your nearest Siemens Sales Office.)
- Ratio of starting current to rated current: In accordance to IS12615:2018
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VA MCCB for ratings below 37kW, please contact your nearest Siemens Sales Office.
- **Recommended selection.**

## Direct-on-line feeder

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

## Star-Delta feeder

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

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

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

Suitable for IE2 motors

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

## Direct-on-line feeder, for Low LCC

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

## Star-Delta feeder, for Low LCC

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

Type-2 Coordination Charts

## Available till stocks last

### Superswitch 3KL8

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

Rated current I <sub>e</sub> @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	6250.-	3KL8111-3TJ00	6055.-	3KL8111-3TC00	6150.-	1
32A	3KL8121-3TA00	6400.-	3KL8121-3TJ00	6260.-	3KL8121-3TC00	6350.-	1
63A	3KL8151-3TA00	9040.-	3KL8151-3TJ00	8750.-	3KL8151-3TC00	8825.-	1
100A	3KL8211-3TA00	18065.-	3KL8211-3TJ00	17730.-			1
125A	3KL8221-3TA00	23620.-	3KL8221-3TJ00	23310.-			1
160A <sup>§</sup>	3KL8231-3TA00	25790.-	3KL8231-3TJ00	25420.-			1
200A	3KL8311-3UA00	32940.-	3KL8311-3UJ00	31880.-			1
250A	3KL8321-3UA00	38725.-	3KL8321-3UJ00	39415.-			1
315A	3KL8331-3UA00	47875.-	3KL8331-3UJ00	46630.-			1
400A <sup>§</sup>	3KL8341-3UA00	57680.-	3KL8341-3UJ00	58540.-			1
500A	3KL8411-3UA00	90240.-	3KL8411-3UJ00	86790.-			1
630A	3KL8421-3UA00	92710.-	3KL8421-3UJ00	89935.-			1
800A <sup>§</sup>	3KL8431-3UA00	100435.-	3KL8431-3UJ00	97465.-			1

Notes:

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

\$ AC23A @500V AC

All SDF Unit MRPs are without fuses

Unit MRPs are inclusive of front drive (Handle) kit, fuse cover, terminal cover, isolable neutral cover and phase barriers.

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

Description	3KL81 11/21/51 3KA81 51	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41/51	Unit MRP* ₹	3KL84 11/21/31 3KA84 3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse Cover	3KX8150-0AC	820.-	3KX8230-0AC	1175.-	3KX8340-0AC	1725.-	3KX8430-0AC	2445.-	1
Terminal Cover (1 set)	-	-	3KX8231-0AC	1000.-	3KX8341-0AC	1880.-	3KX8431-0AC	2205.-	1
Isolable Neutral cover	-	-	3KX8232-0AC	495.-	-	-	-	-	1
Phase Barrier <sup>§§</sup>	3KX8153-0AC	330.-	3KX8233-0AC	330.-	3KX8343-0AC	480.-	3KX8433-0AC	620.-	1

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

### 3VT MCCBs

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



## Discontinued products

### 3KC Automatic Transfer Controller

Description	Type
ATC 5300	3KC9000-8TL30

### Control switches 3ST

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

1) 12th place code '8' represents black knob. Replace it by '9' for red knob.

2) 9th place code 'A' represents rotation < 360°. For 360° rotation, replace it by 'B'

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

### Motor control switches 3LA0

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

### Accessories for Superswitch: 3KL8/ 3KA8

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

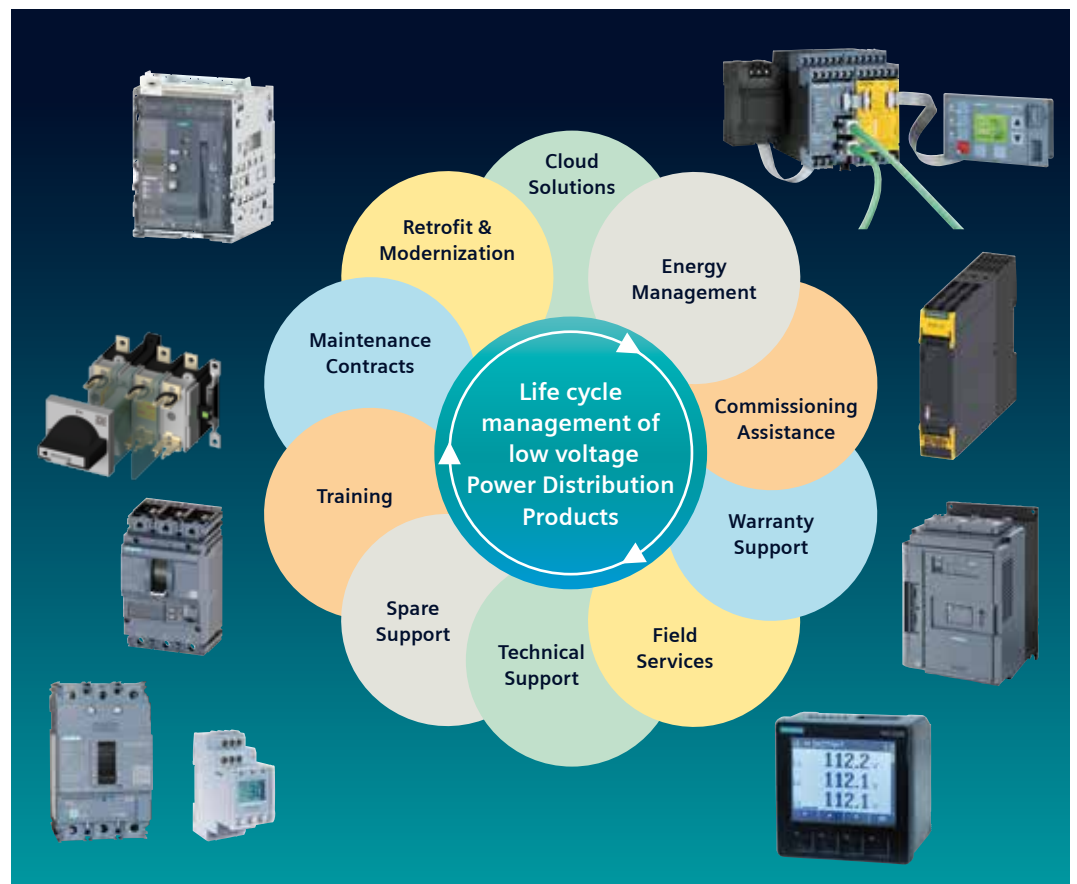
# Type of keys are Type A - F depending on the last digit (.) to be replaced by letters A - F.

# One point contact for your service needs

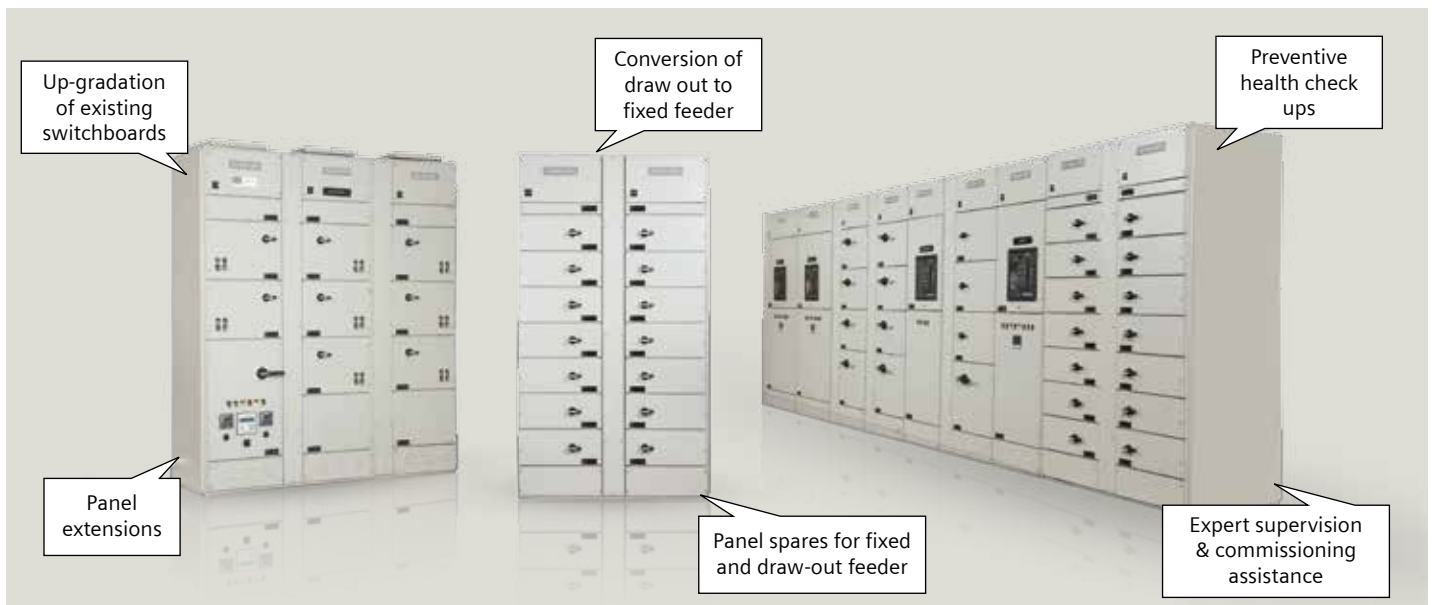
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We educate and help to adopt products and solutions like energy management, condition monitoring, various application with analytic etc. through retrofit and technology upgrade, thereby helping to embark on the digitalization journey easily.



## Service & spares for SIEPAN 8PU

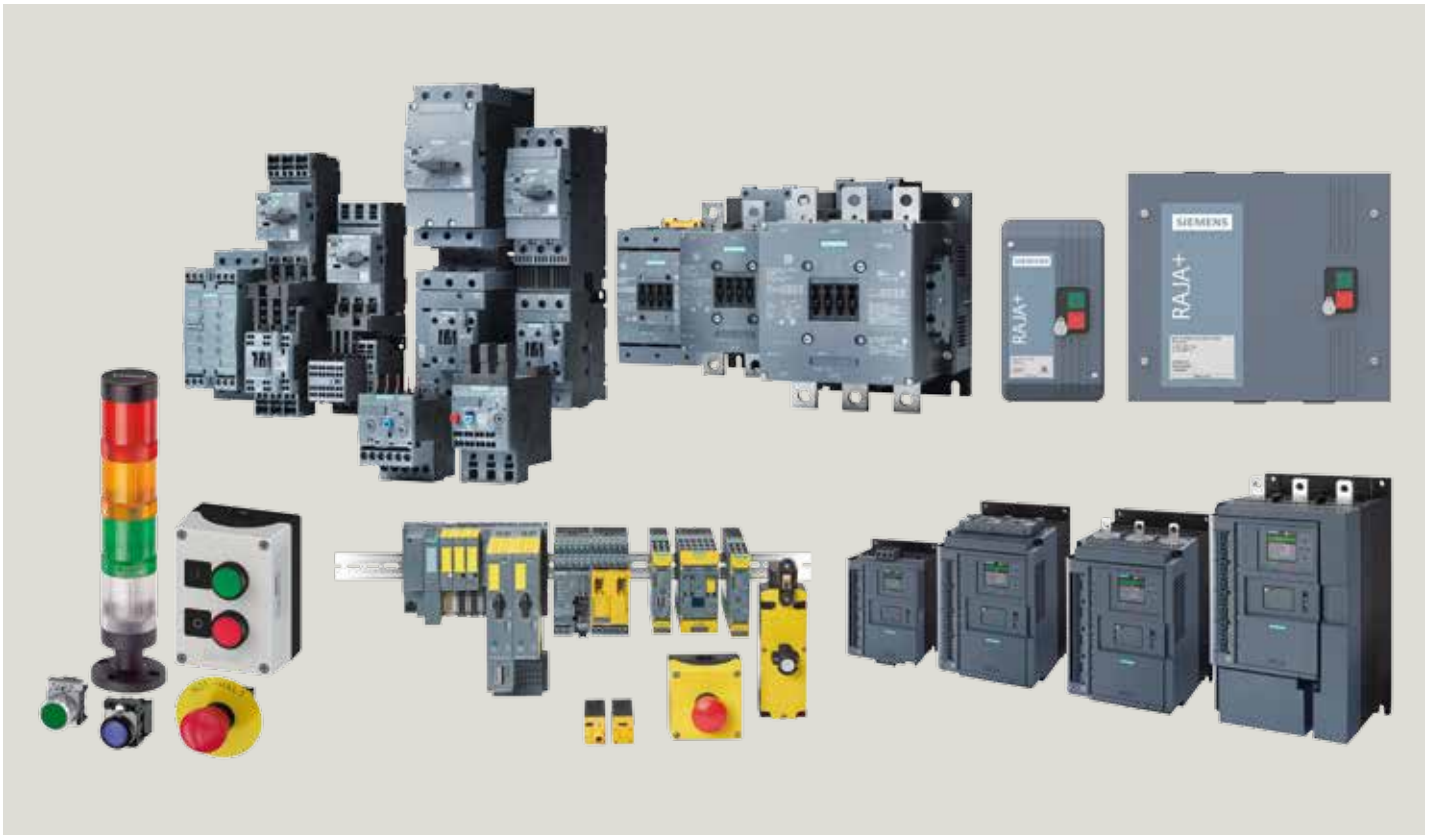


- Annual Maintenance contract of LV Switchboards
- Conversion of existing conventional to intelligent MCC
- Ready to use completely prewired draw out modules for MCC
- Upgradation of existing panels with temperature monitoring system

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For information on prices of below products please refer to the  
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## Terms and conditions

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

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- List Prices (LPs) mentioned are exclusive of all taxes.
- Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.
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