



# Your trusted partner for reliable power

**Low Voltage Power Distribution Products**

Price List w.e.f. 15<sup>th</sup> November 2024

**SIEMENS**

# LIST OF SITRAIN - INDIA TRAINING CENTERS

(including Training Service Providers, TSPs)

Code	Title	Location	Days
<b>SIMATIC – Classic STEP 7, Industry 4.0 and Process Instrumentation</b>			
AS-400A	SIMATIC S7-400 with SIMATIC Manager (Advance Course)	Online Training	3 Days
DIGI-OL-I4.0B	Digitalization Basic	Online Training	3 Days
<b>TIA Portal Courses</b>			
AS-OL1500B	SIMATIC S7-1500 with TIA Portal V17 (Basic Course)	Online Training	5 Days
AS-1500B	SIMATIC S7-1500 with TIA V17 (Basic Course)	Siemens Ltd., Kalwa	5 Days
AS-1500A	SIMATIC S7-1500 with TIA V17 (Advance Course)	Siemens Ltd., Kalwa	5 Days
AS-OL1500A	SIMATIC S7-1500 with TIA Portal V17 (Advance Course)	Online Training	5 Days
AS-OL-WINT	SIMATIC WinCC SCADA (WinCC Prof) in the TIA Portal	Online Training	5 Days
AS-TIA150F	SIMATIC Distributed Safety on S7-1500F With TIA Portal <b>**New**</b>	Siemens Ltd., Kalwa	3 Days
<b>Process Control System SIMATIC PCS 7</b>			
AS-PCS7B_AS	DCS: SIMATIC PCS 7 Basic ON AS	Siemens Ltd., Kalwa	5 Days
AS-PCS7B_OS	DCS: SIMATIC PCS 7 Basic ON OS	Siemens Ltd., Kalwa	5 Days
AS-SFP	SIMATIC Fail-safe (Process Safety) Course <b>**New**</b>	Siemens Ltd., Kalwa	3 Days
<b>Drive &amp; Switchgear Technology</b>			
AP-CRANE	Application Based Crane Training	Siemens Ltd., Kalwa	5 Days
DR-S120B	SINAMICS S120 Basic	Siemens Ltd., Kalwa	5 Days
DR-SIMOB	SIMOTION Basic	Siemens Ltd., Kalwa	5 Days
LV-SM	SIMOCODE AC-Motor Control	Siemens Ltd., Kalwa	3 Days
LV-SWPC	LV Switchgear Product and Coordination	Siemens Ltd., Kalwa	4 Days

Code	Title	Location	Days
<b>COMBO Courses <b>**New**</b></b>			
CO-CLS3040	SIMATIC S7-300 & S7-400 with SIMATIC Manager	Online Training	6 Days
CO-300WIN	SIMATIC S7-300 and WinCC v7.x	Online Training	6 Days
CO-TIA1215	SIMATIC S7-1200 & S7-1500 with TIA Portal	Online Training	6 Days
CO-TIAS120	SIMATIC S7-1500 PLC & SINAMICS S120	Online Training	6 Days
CO-G12S12	SINAMICS G120 & S120 Drives with STARTER	Online Training	6 Days
<b>Maintenance Focused Course</b>			
MFC-G13S12	SINAMICS G130 & S120	Siemens Ltd., Kalwa	5 Days
MFC-R70R80	DC DRIVE 6RA70 & 6RA80	Siemens Ltd., Kalwa	5 Days
MFC-S7400	SIMATIC S7-400 with SIMATIC Manager	Siemens Ltd., Kalwa	3 Days
MFC-S71500	SIMATIC S7-1500 with TIA Portal	Siemens Ltd., Kalwa	3 Days
<b><b>**New**</b></b>			
EM_B	Energy Monitoring Basic Course	Siemens Ltd., Kalwa	2 Days

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

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

## SITRAIN Training in India

### SITRAIN India (Kalwa)

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# 3WA air circuit breakers

## Made for makers. Simply reliable

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

### Trust the tried-and-tested



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

### Benefit from efficiency



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

### Solutions with potential



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

### Enjoy consistency



- Consistent tool landscape
- Comfortable planning and project engineering



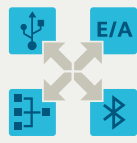
Scan for more info



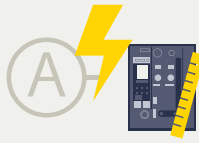
Future ready



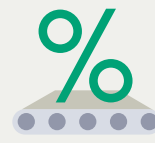
Easy operation



Advanced connectivity



Smallest footprint



Shorter downtime



Operator safety



Efficient metering



Easy upgrade



Enhanced safety



Cyber security



High system availability



Dual COM Profinet with CC-C

**SIEMENS**



# 3WA air circuit breakers

## The future of digital power distribution

The future will be connected.

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

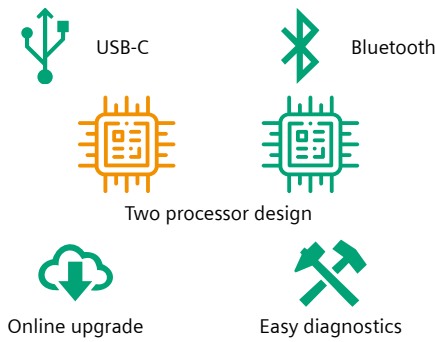
Welcome to the future of digital power distribution.

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

**SIEMENS**

## ACB: SENTRON 3WA

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



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

Manually operated ACB

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

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

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

Note: Std. Pkg. = 1 unit

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

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

### Add-on options (Factory fitted)

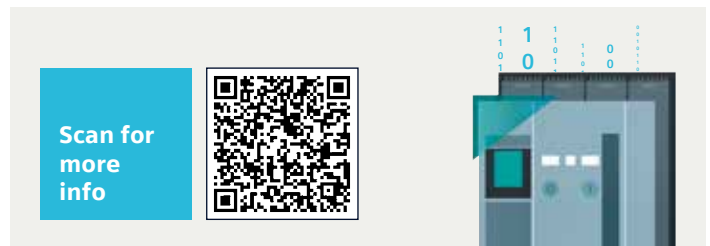
Description	Add LP* ₹
Door Interlock	POR
Position Signal Switch for Withdrawable Breaker	
Castell lock mounting kit <sup>#</sup>	
Mutual Mechanical Interlocking (Bowden wire)	
PROFINET / MODBUS TCP Communication module	

# Castell locks are to be ordered separately.

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

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

Motorized mechanism with other control voltages are available on request



## Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24-30	3WA9111-0AD02	21310.-
	110-127	110-125	3WA9111-0AD05	21310.-
	208-240	220-250	3WA9111-0AD06	21310.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	23555.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	117815.-
	110-127	110-125	3WA9111-0AF05	117815.-
	208-240	220-250	3WA9111-0AF06	117815.-
Castell Lock	-	-	3WX3663-6JEL_ <sup>5</sup>	6545.-

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	21310.-
	110-127	110-125	3WA9111-0AD05	21310.-
	208-240	220-250	3WA9111-0AD06	21310.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	23555.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	117815.-
	110-127	110-125	3WA9111-0AF05	117815.-
	208-240	220-250	3WA9111-0AF06	117815.-
Castell Lock	-	-	3WX3663-6JEL_ <sup>s</sup>	6545.-

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

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

Std. Pkg. = 1 unit

POR: Price On Request

\* LP - List Price





# SIMARIS

## software tools

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

Integrated and Safe planning of complete power distribution system

#### SIMARIS design

Power distribution network planning

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

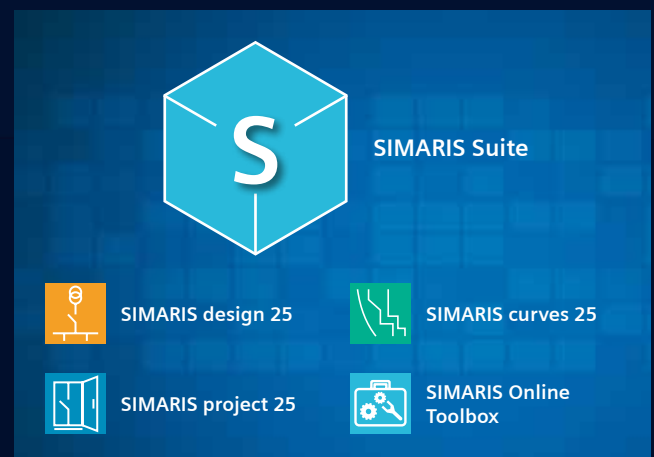
#### SIMARIS curves

Visualization & evaluation of:

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

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

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



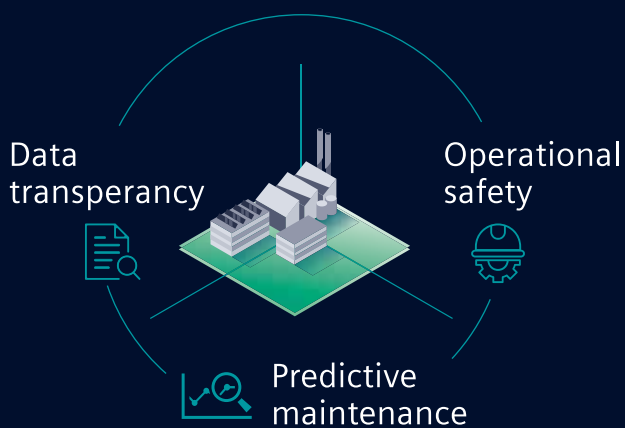
# SIEMENS



# 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	351295.-	3WT8065-6AA04-5AB2	456695.-	
		EDO	3WT8061-6UA34-5AB2	454395.-	3WT8065-6UA34-5AB2	559795.-	
	800	MDO	3WT8081-6AA04-5AB2	370750.-	3WT8085-6AA04-5AB2	485330.-	
		EDO	3WT8081-6UA34-5AB2	473850.-	3WT8085-6UA34-5AB2	588430.-	
	1000	MDO	3WT8101-6AA04-5AB2	380815.-	3WT8105-6AA04-5AB2	493960.-	
		EDO	3WT8101-6UA34-5AB2	483915.-	3WT8105-6UA34-5AB2	597060.-	
	1250	MDO	3WT8121-6AA04-5AB2	467750.-	3WT8125-6AA04-5AB2	556065.-	
		EDO	3WT8121-6UA34-5AB2	570850.-	3WT8125-6UA34-5AB2	659165.-	
	● 1600	MDO	3WT8161-6AA04-5AB2	502025.-	3WT8165-6AA04-5AB2	607710.-	
		EDO	3WT8161-6UA34-5AB2	605125.-	3WT8165-6UA34-5AB2	710810.-	
	II	● 2000	MDO	3WT8202-6AA04-5AB2	630750.-	3WT8206-6AA04-5AB2	776300.-
			EDO	3WT8202-6UA34-5AB2	733850.-	3WT8206-6UA34-5AB2	879400.-
● 2500		MDO	3WT8252-6AA04-5AB2	714455.-	3WT8256-6AA04-5AB2	908320.-	
		EDO	3WT8252-6UA34-5AB2	817555.-	3WT8256-6UA34-5AB2	1011420.-	
● 3200		MDO	3WT8322-6AA04-5AB2	915975.-	3WT8326-6AA04-5AB2	1123905.-	
		EDO	3WT8322-6UA34-5AB2	1019075.-	3WT8326-6UA34-5AB2	1227005.-	

### Microprocessor based Trip Units

ETU35WT: LSI + Display



Reduce

1070.-



Reduce

1070.-

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	258155.-	3WT8065-6AA00-0AA2	349265.-	
		EF	3WT8061-6UA30-0AA2	361255.-	3WT8065-6UA30-0AA2	452365.-	
	800	MF	3WT8081-6AA00-0AA2	278655.-	3WT8085-6AA00-0AA2	383415.-	
		EF	3WT8081-6UA30-0AA2	381755.-	3WT8085-6UA30-0AA2	486515.-	
	1000	MF	3WT8101-6AA00-0AA2	284070.-	3WT8105-6AA00-0AA2	406175.-	
		EF	3WT8101-6UA30-0AA2	387170.-	3WT8105-6UA30-0AA2	509275.-	
	1250	MF	3WT8121-6AA00-0AA2	386390.-	3WT8125-6AA00-0AA2	456910.-	
		EF	3WT8121-6UA30-0AA2	489490.-	3WT8125-6UA30-0AA2	560010.-	
	● 1600	MF	3WT8161-6AA00-0AA2	394520.-	3WT8165-6AA00-0AA2	489430.-	
		EF	3WT8161-6UA30-0AA2	497620.-	3WT8165-6UA30-0AA2	592530.-	
	II	● 2000	MF	3WT8202-6AA00-0AA2	443695.-	3WT8206-6AA00-0AA2	636930.-
			EF	3WT8202-6UA30-0AA2	546795.-	3WT8206-6UA30-0AA2	740030.-
● 2500		MF	3WT8252-6AA00-0AA2	500830.-	3WT8256-6AA00-0AA2	747805.-	
		EF	3WT8252-6UA30-0AA2	603930.-	3WT8256-6UA30-0AA2	850905.-	
● 3200		MF	3WT8322-6AA00-0AA2	762550.-	3WT8326-6AA00-0AA2	939125.-	
		EF	3WT8322-6UA30-0AA2	865650.-	3WT8326-6UA30-0AA2	1042225.-	

### Microprocessor based Trip Units

ETU35WT: LSI + Display



Reduce

1070.-



Reduce

1070.-

For Non-Automatic ACBs please deduct ₹ 2430/- 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	110635.-
	220-240	220-250	3WT9831-1JK00	110635.-
Shunt Release or Closing Coil Suitable for continuous operation	-	24	3WT9851-1JB00	9475.-
	110-127	110-125	3WT9851-1JH00	9475.-
	220-240	220-250	3WT9851-1JK00	9475.-
	110-127	110-125	3WT9853-1JH00	9845.-
Under Voltage Release Instantaneous	208-240	220-250	3WT9853-1JK00	9845.-
	380-415	-	3WT9853-1JM00	9845.-
Auxiliary Terminal Block	Fixed circuit breaker		3WT9825-1JC00	6925.-
	Drawout circuit breaker		3WT9827-1JA00	6925.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	5295.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	21415.-
5 digit operating cycle counter			3WT9864-0CA00	17880.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	16620.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	16620.-
Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)			3WT9863-6JE00	15340.-
Castell Lock			3WX3663-6JEL_#	6545.-
Door Sealing Frame (Also suitable for 3WL ACB)			3WX3686-0JA00	4170.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	34915.-
	Size II		3WL9111-0AA22-0AA0	42450.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	38325.-
	Size II		3WL9111-0AA32-0AA0	43985.-

# 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



## Service

- Firmware update
- Function upgrade



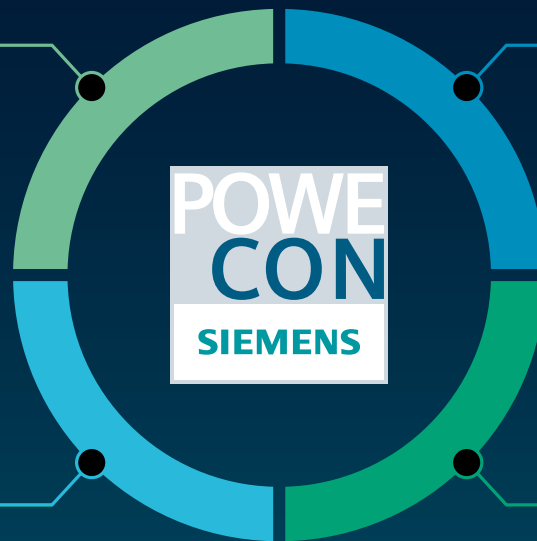
## Diagnosis

- Measured value recording
- Communication test
- Device diagnosis



## Documentation

- Project file
- Documentation export
- Device template



**SIEMENS**



# 3WJ air circuit breakers

## Powering infrastructures across the globe

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



Reliable



Safe



Comprehensive



Efficient



Adaptable



Customizable



**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, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	11835.-	3VA1096-2ED42-0AA0	15345.-
		20	3VA1020-2ED32-0AA0	11835.-	3VA1020-2ED42-0AA0	15345.-
		25	3VA1025-2ED32-0AA0	11835.-	3VA1025-2ED42-0AA0	15345.-
		32	3VA1032-2ED32-0AA0	11835.-	3VA1032-2ED42-0AA0	15345.-
		40	3VA1040-2ED32-0AA0	11835.-	3VA1040-2ED42-0AA0	15345.-
		50	3VA1050-2ED32-0AA0	11835.-	3VA1050-2ED42-0AA0	15345.-
		63	3VA1063-2ED32-0AA0	11835.-	3VA1063-2ED42-0AA0	15345.-
		80	3VA1080-2ED32-0AA0	12945.-	3VA1080-2ED42-0AA0	16815.-
3VA10	25kA	100	3VA1010-2ED32-0AA0	14985.-	3VA1010-2ED42-0AA0	19515.-
		16	3VA1096-3ED32-0AA0	12155.-	3VA1096-3ED42-0AA0	15855.-
		20	3VA1020-3ED32-0AA0	12155.-	3VA1020-3ED42-0AA0	15855.-
		25	3VA1025-3ED32-0AA0	12155.-	3VA1025-3ED42-0AA0	15855.-
		32	3VA1032-3ED32-0AA0	12155.-	3VA1032-3ED42-0AA0	15855.-
		40	3VA1040-3ED32-0AA0	12155.-	3VA1040-3ED42-0AA0	15855.-
		50	3VA1050-3ED32-0AA0	12155.-	3VA1050-3ED42-0AA0	15855.-
		63	3VA1063-3ED32-0AA0	12155.-	3VA1063-3ED42-0AA0	15855.-
3VA11	25kA	80	3VA1080-3ED32-0AA0	13220.-	3VA1080-3ED42-0AA0	17200.-
		100	3VA1010-3ED32-0AA0	15585.-	3VA1010-3ED42-0AA0	19915.-
3VA11	25kA	125	3VA1112-3ED32-0AA0	26275.-	3VA1112-3ED42-0AA0	33480.-
		160	3VA1116-3ED32-0AA0	30005.-	3VA1116-3ED42-0AA0	39045.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	12830.-	3VA1196-4GD42-0AA0	17750.-
		20	3VA1020-4ED32-0AA0	12830.-	3VA1120-4GD42-0AA0	17750.-
		25	3VA1025-4ED32-0AA0	12830.-	3VA1125-4GD42-0AA0	17750.-
		32	3VA1032-4ED32-0AA0	12830.-	3VA1132-4GD42-0AA0	17750.-
		40	3VA1040-4ED32-0AA0	12830.-	3VA1140-4GD42-0AA0	17750.-
		50	3VA1050-4ED32-0AA0	12830.-	3VA1150-4GD42-0AA0	17750.-
		63	3VA1063-4ED32-0AA0	12830.-	3VA1163-4GD42-0AA0	17750.-
		80	3VA1080-4ED32-0AA0	13460.-	3VA1180-4GD42-0AA0	19465.-
3VA11	36kA	100	3VA1010-4ED32-0AA0	16205.-	3VA1110-4GD42-0AA0	22485.-
		125	3VA1112-4ED32-0AA0	27995.-	3VA1112-4GD42-0AA0	36395.-
3VA11	36kA	160	3VA1116-4ED32-0AA0	32645.-	3VA1116-4GD42-0AA0	42445.-
		16	3VA1196-5ED32-0AA0	15035.-	3VA1196-5GD42-0AA0	19515.-
3VA11	55kA	20	3VA1120-5ED32-0AA0	15035.-	3VA1120-5GD42-0AA0	19515.-
		25	3VA1125-5ED32-0AA0	15035.-	3VA1125-5GD42-0AA0	19515.-
		32	3VA1132-5ED32-0AA0	15035.-	3VA1132-5GD42-0AA0	19515.-
		40	3VA1140-5ED32-0AA0	15035.-	3VA1140-5GD42-0AA0	19515.-
		50	3VA1150-5ED32-0AA0	15035.-	3VA1150-5GD42-0AA0	19515.-
		63	3VA1163-5ED32-0AA0	15320.-	3VA1163-5GD42-0AA0	19515.-
		80	3VA1180-5ED32-0AA0	16495.-	3VA1180-5GD42-0AA0	21430.-
		100	3VA1110-5ED32-0AA0	19095.-	3VA1110-5GD42-0AA0	24765.-
		125	3VA1112-5ED32-0AA0	30770.-	3VA1112-5GD42-0AA0	39985.-
		160	3VA1116-5ED32-0AA0	35875.-	3VA1116-5GD42-0AA0	46690.-

<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 - Flying on the wings of technology

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	15430.-	3VA1196-3GE42-0AA0	22100.-
		20	3VA1120-3EE32-0AA0	15430.-	3VA1120-3GE42-0AA0	22100.-
		25	3VA1125-3EE32-0AA0	15430.-	3VA1125-3GE42-0AA0	22100.-
		32	3VA1132-3EE32-0AA0	15430.-	3VA1132-3GE42-0AA0	22100.-
		40	3VA1140-3EE32-0AA0	15430.-	3VA1140-3GE42-0AA0	22100.-
		50	3VA1150-3EE32-0AA0	15430.-	3VA1150-3GE42-0AA0	22100.-
		63	3VA1163-3EE32-0AA0	15430.-	3VA1163-3GE42-0AA0	22100.-
		80	3VA1180-3EE32-0AA0	15430.-	3VA1180-3GE42-0AA0	22100.-
		100	3VA1110-3EE32-0AA0	16495.-	3VA1110-3GE42-0AA0	22100.-
		125	3VA1112-3EE32-0AA0	27995.-	3VA1112-3GE42-0AA0	34475.-
3VA11	36kA	16	3VA1196-4EE32-0AA0	19050.-	3VA1196-4GE42-0AA0	24935.-
		20	3VA1120-4EE32-0AA0	19050.-	3VA1120-4GE42-0AA0	24935.-
		25	3VA1125-4EE32-0AA0	19050.-	3VA1125-4GE42-0AA0	24935.-
		32	3VA1132-4EE32-0AA0	19050.-	3VA1132-4GE42-0AA0	24935.-
		40	3VA1140-4EE32-0AA0	19050.-	3VA1140-4GE42-0AA0	24935.-
		50	3VA1150-4EE32-0AA0	19050.-	3VA1150-4GE42-0AA0	24935.-
		63	3VA1163-4EE32-0AA0	19050.-	3VA1163-4GE42-0AA0	24935.-
		80	3VA1180-4EE32-0AA0	19050.-	3VA1180-4GE42-0AA0	24935.-
		100	3VA1110-4EE32-0AA0	19050.-	3VA1110-4GE42-0AA0	24935.-
		125	3VA1112-4EE32-0AA0	29315.-	3VA1112-4GE42-0AA0	37345.-
3VA12		160	3VA1116-4EE32-0AA0	33550.-	3VA1116-4GE42-0AA0	43545.-
		200	3VA1220-4EE32-0AA0	42325.-	3VA1220-4GE42-0AA0	52145.-
3VA13		250	3VA1225-4EE32-0AA0	44865.-	3VA1225-4GE42-0AA0	56330.-
		320	3VA1332-4EE32-0AA0	60165.-	3VA1332-4GE42-0AA0	77890.-
3VA14		400	3VA1340-4EE32-0AA0	60165.-	3VA1340-4GE42-0AA0	77890.-
		500	3VA1450-4EE32-0AA0	77650.-	3VA1450-4GE42-0AA0	100590.-
3VA11	55kA	630	3VA1463-4EE32-0AA0	77650.-	3VA1463-4GE42-0AA0	100590.-
		16	3VA1196-5EE32-0AA0	21705.-	3VA1196-5GE42-0AA0	27435.-
		20	3VA1120-5EE32-0AA0	21705.-	3VA1120-5GE42-0AA0	27435.-
		25	3VA1125-5EE32-0AA0	21705.-	3VA1125-5GE42-0AA0	27435.-
		32	3VA1132-5EE32-0AA0	21705.-	3VA1132-5GE42-0AA0	27435.-
		40	3VA1140-5EE32-0AA0	21705.-	3VA1140-5GE42-0AA0	27435.-
		50	3VA1150-5EE32-0AA0	21705.-	3VA1150-5GE42-0AA0	27435.-
		63	3VA1163-5EE32-0AA0	21705.-	3VA1163-5GE42-0AA0	27435.-
		80	3VA1180-5EE32-0AA0	21705.-	3VA1180-5GE42-0AA0	27435.-
		100	3VA1110-5EE32-0AA0	21705.-	3VA1110-5GE42-0AA0	27435.-
3VA12		125	3VA1112-5EE32-0AA0	34090.-	3VA1112-5GE42-0AA0	40945.-
		160	3VA1116-5EE32-0AA0	36880.-	3VA1116-5GE42-0AA0	47600.-
		200	3VA1220-5EE32-0AA0	44070.-	3VA1220-5GE42-0AA0	53825.-
3VA13		250	3VA1225-5EE32-0AA0	46725.-	3VA1225-5GE42-0AA0	59200.-
		320	3VA1332-5EE32-0AA0	68605.-	3VA1332-5GE42-0AA0	85940.-
3VA14		400	3VA1340-5EE32-0AA0	68605.-	3VA1340-5GE42-0AA0	85940.-
		500	3VA1450-5EE32-0AA0	88730.-	3VA1450-5GE42-0AA0	110845.-
3VA15		630	3VA1463-5EE32-0AA0	88730.-	3VA1463-5GE42-0AA0	110845.-
		800#	3VA1580-5EF32-0AA0	132560.-	3VA1580-5GF42-0AA0	171790.-
3VA11	70kA	1000#	3VA1510-5EF32-0AA0	185190.-	3VA1510-5GF42-0AA0	240310.-
		16	3VA1196-6EE32-0AA0	29700.-	3VA1196-6GE42-0AA0	37330.-
		20	3VA1120-6EE32-0AA0	29700.-	3VA1120-6GE42-0AA0	37330.-
		25	3VA1125-6EE32-0AA0	29700.-	3VA1125-6GE42-0AA0	37330.-
		32	3VA1132-6EE32-0AA0	29700.-	3VA1132-6GE42-0AA0	37330.-
		40	3VA1140-6EE32-0AA0	29700.-	3VA1140-6GE42-0AA0	37330.-
		50	3VA1150-6EE32-0AA0	29700.-	3VA1150-6GE42-0AA0	37330.-
		63	3VA1163-6EE32-0AA0	29700.-	3VA1163-6GE42-0AA0	37330.-
		80	3VA1180-6EE32-0AA0	29700.-	3VA1180-6GE42-0AA0	37330.-
		100	3VA1110-6EE32-0AA0	29700.-	3VA1110-6GE42-0AA0	37330.-
3VA12		125	3VA1112-6EE32-0AA0	55225.-	3VA1112-6GE42-0AA0	59215.-
		160	3VA1116-6EE32-0AA0	55225.-	3VA1116-6GE42-0AA0	59215.-
		200	3VA1220-6EE32-0AA0	59435.-	3VA1220-6GE42-0AA0	76480.-
3VA13		250	3VA1225-6EE32-0AA0	66610.-	3VA1225-6GE42-0AA0	76480.-
		320	3VA1332-6EE32-0AA0	75195.-	3VA1332-6GE42-0AA0	97210.-
3VA14		400	3VA1340-6EE32-0AA0	75195.-	3VA1340-6GE42-0AA0	97210.-
		500	3VA1450-6EE32-0AA0	106890.-	3VA1450-6GE42-0AA0	138585.-
3VA15		630	3VA1463-6EE32-0AA0	106890.-	3VA1463-6GE42-0AA0	138585.-
		800#	3VA1580-6EF32-0AA0	145975.-	3VA1580-6GF42-0AA0	189170.-
		1000#	3VA1510-6EF32-0AA0	203560.-	3VA1510-6GF42-0AA0	264625.-

Std. Pkg. = 1 unit

# - Adjustable Thermal, Adjustable Magnetic

\* LP - List Price

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA12	36kA	250	3VA1225-4EF32-0AA0	POR	3VA1225-4GF42-0AA0	POR
3VA13		320	3VA1332-4EF32-0AA0		3VA1332-4GF42-0AA0	
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, 50Hz)		Breaking Capacity (70kA, 415V, 50Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0*	19960.-	3VA1181-6MG32-0AA0*	24515.-
	2	3VA1102-5MG32-0AA0*	19960.-	3VA1102-6MG32-0AA0*	24515.-
	4	3VA1104-5MG32-0AA0*	19960.-	3VA1104-6MG32-0AA0*	24515.-
	8	3VA1108-5MG32-0AA0*	19960.-	3VA1108-6MG32-0AA0*	24515.-
	12.5	3VA1192-5MG32-0AA0*	19960.-	3VA1192-6MG32-0AA0*	24515.-
	20	3VA1120-5MH32-0AA0	19960.-	3VA1120-6MH32-0AA0	24515.-
	32	3VA1132-5MH32-0AA0	23845.-	3VA1132-6MH32-0AA0	25695.-
	40	3VA1140-5MH32-0AA0	23845.-	3VA1140-6MH32-0AA0	25695.-
	50	3VA1150-5MH32-0AA0	23845.-	3VA1150-6MH32-0AA0	25695.-
	63	3VA1163-5MH32-0AA0	23845.-	3VA1163-6MH32-0AA0	25695.-
	80	3VA1180-5MH32-0AA0	23845.-	3VA1180-6MH32-0AA0	25695.-
	100	3VA1110-5MH32-0AA0	23845.-	3VA1110-6MH32-0AA0	25695.-
	125	3VA1112-5MH32-0AA0	34205.-	3VA1112-6MH32-0AA0	36970.-
3VA12	160	3VA1216-5MH32-0AA0	35890.-	3VA1216-6MH32-0AA0	51145.-
	200	3VA1220-5MH32-0AA0	49360.-	3VA1220-6MH32-0AA0	60575.-
3VA13	250	3VA1325-5MH32-0AA0	53860.-	3VA1325-6MH32-0AA0	61305.-
	320	3VA1332-5MH32-0AA0	73910.-	3VA1332-6MH32-0AA0	84225.-
3VA14	400	3VA1440-5MH32-0AA0	84605.-	3VA1440-6MH32-0AA0	88400.-
	500	3VA1450-5MH32-0AA0	97395.-	3VA1450-6MH32-0AA0	110580.-
3VA15	630	3VA1563-5MH32-0AA0	112280.-	3VA1563-6MH32-0AA0	122320.-
	800	3VA1580-5MH32-0AA0	149145.-	3VA1580-6MH32-0AA0	164230.-

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	16750.-	3VA1163-1AA42-0AA0	24755.-
		100	3VA1110-1AA32-0AA0	16750.-	3VA1110-1AA42-0AA0	24755.-
		125	3VA1112-1AA32-0AA0	34270.-	3VA1112-1AA42-0AA0	45690.-
		160	3VA1116-1AA32-0AA0	34270.-	3VA1116-1AA42-0AA0	45690.-
3VA12	NA	250	3VA1225-1AA32-0AA0	34270.-	3VA1225-1AA42-0AA0	45690.-
3VA13	NA	400	3VA1340-1AA32-0AA0	44200.-	3VA1340-1AA42-0AA0	57475.-

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	6400.-
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910
	4P	7UG09911
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 160A/250A	3P	7UG09912
	4P	7UG09913
CBCT for EFR: 630 frame Suitable for 3VA1/3VA2 400A/ 630A	3P	7UG09914
	4P	7UG09915



### Earth leakage monitoring relay

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



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



MCCB with O/L & S/C protection

+



Shunt release

+



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

=



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

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

Inbuilt  
in ETU5

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

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



Predictive maintenance



Improved organization of personnel  
and material costs



Optimized energy availability



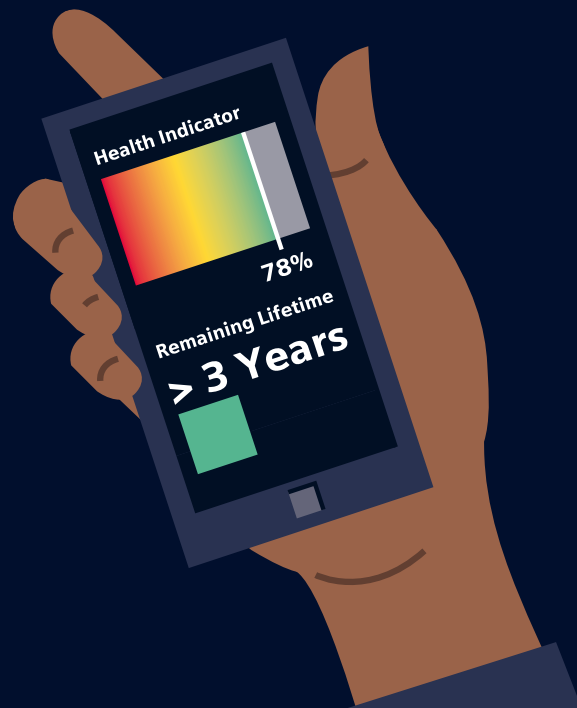
Reduced time and costs for  
maintenance



### When time savings go hand in hand with optimized plant reliability



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



SENTRON 3VA - Flying on the wings of technology

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	36330.-	3VA2025-4HL42-0AA0	46840.-
		40	3VA2040-4HL32-0AA0	36330.-	3VA2040-4HL42-0AA0	46840.-
		63	3VA2063-4HL32-0AA0	36330.-	3VA2063-4HL42-0AA0	46840.-
		100	3VA2010-4HL32-0AA0	36330.-	3VA2010-4HL42-0AA0	46840.-
		160	3VA2116-4HL32-0AA0	49120.-	3VA2116-4HL42-0AA0	68555.-
		250	3VA2225-4HL32-0AA0	67410.-	3VA2225-4HL42-0AA0	91405.-
3VA21	36kA	400	3VA2340-4HL32-0AA0	90065.-	3VA2340-4HL42-0AA0	118545.-
3VA22		630	3VA2463-4HL32-0AA0	93635.-	3VA2463-4HL42-0AA0	124075.-
3VA23		25	3VA2025-5HL32-0AA0	46205.-	3VA2025-5HL42-0AA0	63290.-
3VA24		40	3VA2040-5HL32-0AA0	46205.-	3VA2040-5HL42-0AA0	63290.-
		63	3VA2063-5HL32-0AA0	46205.-	3VA2063-5HL42-0AA0	63290.-
100		3VA2010-5HL32-0AA0	46205.-	3VA2010-5HL42-0AA0	63290.-	
3VA20	55kA	160	3VA2116-5HL32-0AA0	58560.-	3VA2116-5HL42-0AA0	75835.-
		250	3VA2225-5HL32-0AA0	76515.-	3VA2225-5HL42-0AA0	101025.-
		400	3VA2340-5HL32-0AA0	97110.-	3VA2340-5HL42-0AA0	127265.-
		630	3VA2463-5HL32-0AA0	119290.-	3VA2463-5HL42-0AA0	133220.-
		800	3VA2580-5HL32-0AA0	174425.-	3VA2580-5HL42-0AA0	223125.-
		1000	3VA2510-5HL32-0AA0	231120.-	3VA2510-5HL42-0AA0	308550.-
3VA21	55kA	1250	3VA2612-5HL32-0AA0	327680.-	3VA2612-5HL42-0AA0	437560.-
3VA22		25	3VA2025-6HL32-0AA0	60400.-	3VA2025-6HL42-0AA0	74830.-
3VA23		40	3VA2040-6HL32-0AA0	60400.-	3VA2040-6HL42-0AA0	74830.-
		63	3VA2063-6HL32-0AA0	60400.-	3VA2063-6HL42-0AA0	74830.-
3VA24		100	3VA2010-6HL32-0AA0	60400.-	3VA2010-6HL42-0AA0	74830.-
		160	3VA2116-6HL32-0AA0	79200.-	3VA2116-6HL42-0AA0	101105.-
3VA25	85kA	250	3VA2225-6HL32-0AA0	87960.-	3VA2225-6HL42-0AA0	128095.-
3VA26		400	3VA2340-6HL32-0AA0	110375.-	3VA2340-6HL42-0AA0	144935.-
		630	3VA2463-6HL32-0AA0	131860.-	3VA2463-6HL42-0AA0	175945.-
3VA25		800	3VA2580-6HL32-0AA0	191770.-	3VA2580-6HL42-0AA0	255085.-
		1000	3VA2510-6HL32-0AA0	264310.-	3VA2510-6HL42-0AA0	352810.-
3VA26		1250	3VA2612-6HL32-0AA0	374490.-	3VA2612-6HL42-0AA0	501275.-

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HM32-0AA0	50040.-	3VA2025-4HM42-0AA0	61690.-
		40	3VA2040-4HM32-0AA0	50040.-	3VA2040-4HM42-0AA0	61690.-
		63	3VA2063-4HM32-0AA0	50040.-	3VA2063-4HM42-0AA0	61690.-
		100	3VA2010-4HM32-0AA0	50040.-	3VA2010-4HM42-0AA0	61690.-
		160	3VA2116-4HM32-0AA0	63290.-	3VA2116-4HM42-0AA0	78825.-
		250	3VA2225-4HM32-0AA0	79990.-	3VA2225-4HM42-0AA0	100545.-
3VA21	36kA	400	3VA2340-4HM32-0AA0	107580.-	3VA2340-4HM42-0AA0	135690.-
3VA22		630	3VA2463-4HM32-0AA0	118335.-	3VA2463-4HM42-0AA0	149235.-
3VA23		25	3VA2025-5HM32-0AA0	57040.-	3VA2025-5HM42-0AA0	65360.-
		40	3VA2040-5HM32-0AA0	57040.-	3VA2040-5HM42-0AA0	65360.-
3VA24		63	3VA2063-5HM32-0AA0	57040.-	3VA2063-5HM42-0AA0	65360.-
		100	3VA2010-5HM32-0AA0	58215.-	3VA2010-5HM42-0AA0	68315.-
3VA25	55kA	160	3VA2116-5HM32-0AA0	78430.-	3VA2116-5HM42-0AA0	94115.-
3VA26		250	3VA2225-5HM32-0AA0	95645.-	3VA2225-5HM42-0AA0	119375.-
		400	3VA2340-5HM32-0AA0	115495.-	3VA2340-5HM42-0AA0	145685.-
3VA25		630	3VA2463-5HM32-0AA0	127070.-	3VA2463-5HM42-0AA0	160225.-
		800	3VA2580-5HM32-0AA0	184395.-	3VA2580-5HM42-0AA0	239725.-
3VA26		1000	3VA2510-5HM32-0AA0	247715.-	3VA2510-5HM42-0AA0	325155.-
3VA20	85kA	1250	3VA2612-5HM32-0AA0	346530.-	3VA2612-5HM42-0AA0	457715.-
		25	3VA2025-6HM32-0AA0	71220.-	3VA2025-6HM42-0AA0	86615.-
		40	3VA2040-6HM32-0AA0	71220.-	3VA2040-6HM42-0AA0	86615.-
		63	3VA2063-6HM32-0AA0	71220.-	3VA2063-6HM42-0AA0	86615.-
		100	3VA2010-6HM32-0AA0	71220.-	3VA2010-6HM42-0AA0	86615.-
		160	3VA2116-6HM32-0AA0	90740.-	3VA2116-6HM42-0AA0	113895.-
3VA21	85kA	250	3VA2225-6HM32-0AA0	106270.-	3VA2225-6HM42-0AA0	149100.-
3VA22		400	3VA2340-6HM32-0AA0	128765.-	3VA2340-6HM42-0AA0	163325.-
		630	3VA2463-6HM32-0AA0	141635.-	3VA2463-6HM42-0AA0	179675.-
3VA23		800	3VA2580-6HM32-0AA0	207760.-	3VA2580-6HM42-0AA0	271685.-
		1000	3VA2510-6HM32-0AA0	280290.-	3VA2510-6HM42-0AA0	369405.-
3VA24		1250	3VA2612-6HM32-0AA0	393995.-	3VA2612-6HM42-0AA0	521420.-

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)	2705.-	3VA9988-0AA12 (1 C/O)	2705.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	4180.-	3VA9988-0AB12 (1 C/O)	4180.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	2230.- 2230.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA9988-0AB22	2230.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz 208-230 V AC 50/60 Hz 380-400 V AC 50/60 Hz	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	6400.-	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	6400.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	4820.-	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	4820.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	4820.-	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	4820.-
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)	3155.- 3320.- 5200.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A) -	3320.- 5200.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	13825.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	13825.-
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)	8250.- 9075.- 11535.- 15180.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	9075.- 11535.- 15180.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	6470.- 6470.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	6470.- 6470.-
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)	8250.- 8565.- 9675.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	9075.- 9675.-
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)	2520.- 3320.- 7165.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	3320.- 7165.-
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)	27695.- 36245.- 42795.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	36245.- 42795.-
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)	1330.- 1695.- 1655.- 2200.- 2220.- 2875.-	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)	1790.- 2335.- 2220.- 2875.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	7600.- 10150.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	7600.- 10150.-
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)	2830.- 3825.- 3615.- 4840.- 5870.- 7830.-	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)	3615.- 4840.- 5870.- 7830.-
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)	540.- 540.- 1270.- 1275.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	540.- 1270.- 1275.-
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, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	349880.-	3VA2712-5AB13-0AA0	470590.-
		1600	3VA2716-5AB03-0AA0	484230.-	3VA2716-5AB13-0AA0	651635.-
	85kA	1250	3VA2712-6AB03-0AA0	384365.-	3VA2712-6AB13-0AA0	517275.-
		1600	3VA2716-6AB03-0AA0	531645.-	3VA2716-6AB13-0AA0	716290.-

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AD03-0AA0	378620.-	3VA2712-5AD13-0AA0	498600.-
		1600	3VA2716-5AD03-0AA0	512245.-	3VA2716-5AD13-0AA0	679645.-
	85kA	1250	3VA2712-6AD03-0AA0	412385.-	3VA2712-6AD13-0AA0	546015.-
		1600	3VA2716-6AD03-0AA0	559675.-	3VA2716-6AD13-0AA0	747175.-

## Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	6245.-	1
	Alarm switch (TAS)	3VW9011-0AH14	3080.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	14360.-	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	15545.-	1
	Extended Door Mounted Rotary Operator <sup>^</sup> (Standard - Gray)	3VW9727-0FK21	13825.-	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, 50Hz	Rated Current In (A)	3 Pole Type	Unit MRP <sup>®</sup> ₹	4 Pole Type	Unit MRP <sup>®</sup> ₹
3VM10	16kA	16	3VM1096-2ED32-0AA0	10525.-	3VM1096-2ED42-0AA0	13640.-
		20	3VM1020-2ED32-0AA0	10525.-	3VM1020-2ED42-0AA0	13640.-
		25	3VM1025-2ED32-0AA0	10525.-	3VM1025-2ED42-0AA0	13640.-
		32	3VM1032-2ED32-0AA0	10525.-	3VM1032-2ED42-0AA0	13640.-
		40	3VM1040-2ED32-0AA0	10525.-	3VM1040-2ED42-0AA0	13640.-
		50	3VM1050-2ED32-0AA0	10525.-	3VM1050-2ED42-0AA0	13640.-
		63	3VM1063-2ED32-0AA0	10525.-	3VM1063-2ED42-0AA0	13640.-
		80	3VM1080-2ED32-0AA0	11500.-	3VM1080-2ED42-0AA0	14935.-
3VM10	25kA	100	3VM1010-2ED32-0AA0	12480.-	3VM1010-2ED42-0AA0	16260.-
		16	3VM1096-3ED32-0AA0	10905.-	3VM1096-3ED42-0AA0	14240.-
		20	3VM1020-3ED32-0AA0	10905.-	3VM1020-3ED42-0AA0	14240.-
		25	3VM1025-3ED32-0AA0	10905.-	3VM1025-3ED42-0AA0	14240.-
		32	3VM1032-3ED32-0AA0	10905.-	3VM1032-3ED42-0AA0	14240.-
		40	3VM1040-3ED32-0AA0	10905.-	3VM1040-3ED42-0AA0	14240.-
		50	3VM1050-3ED32-0AA0	10905.-	3VM1050-3ED42-0AA0	14240.-
		63	3VM1063-3ED32-0AA0	10905.-	3VM1063-3ED42-0AA0	14240.-
3VM11		80	3VM1080-3ED32-0AA0	11875.-	3VM1080-3ED42-0AA0	15445.-
		100	3VM1010-3ED32-0AA0	12750.-	3VM1010-3ED42-0AA0	16595.-
		125	3VM1112-3ED32-0AA0	16345.-	3VM1112-3ED42-0AA0	21580.-
		160	3VM1116-3ED32-0AA0	21320.-	3VM1116-3ED42-0AA0	27000.-

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM1196-4ED32-0AA0	11505.-	3VM1196-4GD42-0AA0	15930.-
		20	3VM1120-4ED32-0AA0	11505.-	3VM1120-4GD42-0AA0	15930.-
		25	3VM1125-4ED32-0AA0	11505.-	3VM1125-4GD42-0AA0	15930.-
		32	3VM1132-4ED32-0AA0	11505.-	3VM1132-4GD42-0AA0	15930.-
		40	3VM1140-4ED32-0AA0	11505.-	3VM1140-4GD42-0AA0	15930.-
		50	3VM1150-4ED32-0AA0	11505.-	3VM1150-4GD42-0AA0	15930.-
		63	3VM1163-4ED32-0AA0	11505.-	3VM1163-4GD42-0AA0	15930.-
		80	3VM1180-4ED32-0AA0	12085.-	3VM1180-4GD42-0AA0	17470.-
		100	3VM1110-4ED32-0AA0	14025.-	3VM1110-4GD42-0AA0	20190.-
		125	3VM1112-4ED32-0AA0	24620.-	3VM1112-4GD42-0AA0	32005.-
3VM12		160	3VM1116-4ED32-0AA0	27195.-	3VM1116-4GD42-0AA0	35365.-
		200	3VM1220-4ED32-0AA0	29220.-	3VM1220-4GD42-0AA0	36165.-
3VM13		250	3VM1225-4ED32-0AA0	38970.-	3VM1225-4GD42-0AA0	45920.-
		320	3VM1332-4ED32-0AA0	52870.-	3VM1332-4GD42-0AA0	65370.-
3VM14		400	3VM1340-4ED32-0AA0	54260.-	3VM1340-4GD42-0AA0	66770.-
		500	3VM1450-4ED32-0AA0	59690.-	3VM1450-4GD42-0AA0	72205.-
		630	3VM1463-4ED32-0AA0	59690.-	3VM1463-4GD42-0AA0	72205.-

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

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

\* LP - List Price

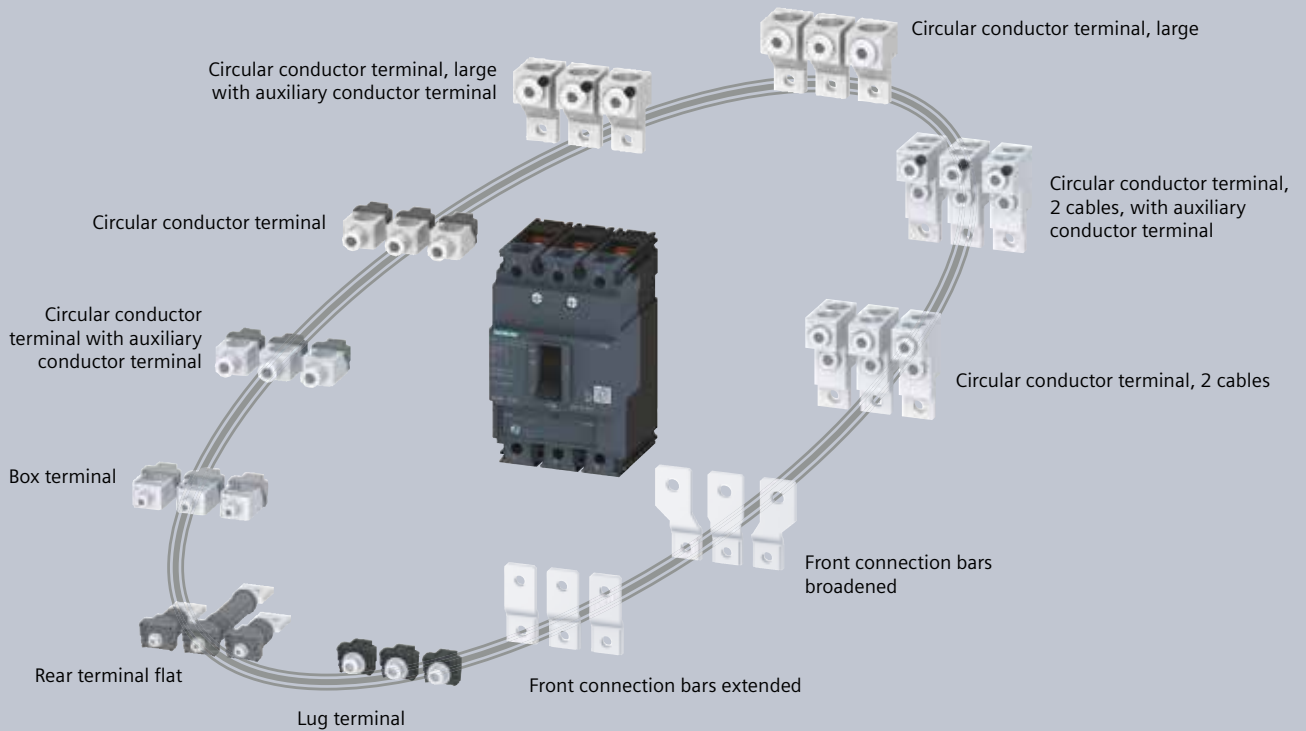
® MRP - Max. Retail Price

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM1196-5ED32-0AA0	13230.-	3VM1196-5GD42-0AA0	17160.-
		20	3VM1120-5ED32-0AA0	13230.-	3VM1120-5GD42-0AA0	17160.-
		25	3VM1125-5ED32-0AA0	13230.-	3VM1125-5GD42-0AA0	17160.-
		32	3VM1132-5ED32-0AA0	13230.-	3VM1132-5GD42-0AA0	17160.-
		40	3VM1140-5ED32-0AA0	13230.-	3VM1140-5GD42-0AA0	17160.-
		50	3VM1150-5ED32-0AA0	13230.-	3VM1150-5GD42-0AA0	17160.-
		63	3VM1163-5ED32-0AA0	13230.-	3VM1163-5GD42-0AA0	17160.-
		80	3VM1180-5ED32-0AA0	14495.-	3VM1180-5GD42-0AA0	18840.-
		100	3VM1110-5ED32-0AA0	16790.-	3VM1110-5GD42-0AA0	21795.-
		125	3VM1112-5ED32-0AA0	27055.-	3VM1112-5GD42-0AA0	35175.-
		160	3VM1116-5ED32-0AA0	29890.-	3VM1116-5GD42-0AA0	38890.-
3VM12		200	3VM1220-5ED32-0AA0	32335.-	3VM1220-5GD42-0AA0	40970.-
		250	3VM1225-5ED32-0AA0	42085.-	3VM1225-5GD42-0AA0	50730.-
3VM13		320	3VM1332-5ED32-0AA0	57330.-	3VM1332-5GD42-0AA0	68815.-
		400	3VM1340-5ED32-0AA0	58740.-	3VM1340-5GD42-0AA0	70220.-
3VM14		500	3VM1450-5ED32-0AA0	64150.-	3VM1450-5GD42-0AA0	75640.-
		630	3VM1463-5ED32-0AA0	64150.-	3VM1463-5GD42-0AA0	75640.-

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, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	25kA	16	3VM1196-3EE32-0AA0	12955.-	3VM1196-3GE42-0AA0	19525.-
		20	3VM1120-3EE32-0AA0	12955.-	3VM1120-3GE42-0AA0	19525.-
		25	3VM1125-3EE32-0AA0	12955.-	3VM1125-3GE42-0AA0	19525.-
		32	3VM1132-3EE32-0AA0	12955.-	3VM1132-3GE42-0AA0	19525.-
		40	3VM1140-3EE32-0AA0	12955.-	3VM1140-3GE42-0AA0	19525.-
		50	3VM1150-3EE32-0AA0	12955.-	3VM1150-3GE42-0AA0	19525.-
		63	3VM1163-3EE32-0AA0	12955.-	3VM1163-3GE42-0AA0	19525.-
		80	3VM1180-3EE32-0AA0	12955.-	3VM1180-3GE42-0AA0	19525.-
		100	3VM1110-3EE32-0AA0	12955.-	3VM1110-3GE42-0AA0	19525.-
		125	3VM1112-3EE32-0AA0	16720.-	3VM1112-3GE42-0AA0	22880.-
		160	3VM1116-3EE32-0AA0	23005.-	3VM1116-3GE42-0AA0	29285.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	16760.-	3VM1196-4GE42-0AA0	21930.-
		20	3VM1120-4EE32-0AA0	16760.-	3VM1120-4GE42-0AA0	21930.-
		25	3VM1125-4EE32-0AA0	16760.-	3VM1125-4GE42-0AA0	21930.-
		32	3VM1132-4EE32-0AA0	16760.-	3VM1132-4GE42-0AA0	21930.-
		40	3VM1140-4EE32-0AA0	16760.-	3VM1140-4GE42-0AA0	21930.-
		50	3VM1150-4EE32-0AA0	16760.-	3VM1150-4GE42-0AA0	21930.-
		63	3VM1163-4EE32-0AA0	16760.-	3VM1163-4GE42-0AA0	21930.-
		80	3VM1180-4EE32-0AA0	16760.-	3VM1180-4GE42-0AA0	21930.-
		100	3VM1110-4EE32-0AA0	16760.-	3VM1110-4GE42-0AA0	21930.-
		125	3VM1112-4EE32-0AA0	25790.-	3VM1112-4GE42-0AA0	32845.-
		160	3VM1116-4EE32-0AA0	27945.-	3VM1116-4GE42-0AA0	36280.-
3VM12		200	3VM1220-4EE32-0AA0	40420.-	3VM1220-4GE42-0AA0	47170.-
		250	3VM1225-4EE32-0AA0	40420.-	3VM1225-4GE42-0AA0	47170.-
3VM13		320	3VM1332-4EE32-0AA0	54110.-	3VM1332-4GE42-0AA0	66245.-
		400	3VM1340-4EE32-0AA0	54610.-	3VM1340-4GE42-0AA0	66245.-
3VM14		500	3VM1450-4EE32-0AA0	61810.-	3VM1450-4GE42-0AA0	73940.-
		630	3VM1463-4EE32-0AA0	61810.-	3VM1463-4GE42-0AA0	73940.-
3VM11	55kA	16	3VM1196-5EE32-0AA0	19095.-	3VM1196-5GE42-0AA0	24125.-
		20	3VM1120-5EE32-0AA0	19095.-	3VM1120-5GE42-0AA0	24125.-
		25	3VM1125-5EE32-0AA0	19095.-	3VM1125-5GE42-0AA0	24125.-
		32	3VM1132-5EE32-0AA0	19095.-	3VM1132-5GE42-0AA0	24125.-
		40	3VM1140-5EE32-0AA0	19095.-	3VM1140-5GE42-0AA0	24125.-
		50	3VM1150-5EE32-0AA0	19095.-	3VM1150-5GE42-0AA0	24125.-
		63	3VM1163-5EE32-0AA0	19095.-	3VM1163-5GE42-0AA0	24125.-
		80	3VM1180-5EE32-0AA0	19095.-	3VM1180-5GE42-0AA0	24125.-
		100	3VM1110-5EE32-0AA0	19095.-	3VM1110-5GE42-0AA0	24125.-
		125	3VM1112-5EE32-0AA0	29975.-	3VM1112-5GE42-0AA0	36010.-
		160	3VM1116-5EE32-0AA0	30735.-	3VM1116-5GE42-0AA0	39660.-
3VM12		200	3VM1220-5EE32-0AA0	43440.-	3VM1220-5GE42-0AA0	51830.-
		250	3VM1225-5EE32-0AA0	43440.-	3VM1225-5GE42-0AA0	51830.-
3VM13		320	3VM1332-5EE32-0AA0	58445.-	3VM1332-5GE42-0AA0	69585.-
		400	3VM1340-5EE32-0AA0	58990.-	3VM1340-5GE42-0AA0	69585.-
3VM14		500	3VM1450-5EE32-0AA0	66130.-	3VM1450-5GE42-0AA0	77275.-
		630	3VM1463-5EE32-0AA0	66130.-	3VM1463-5GE42-0AA0	77275.-

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, 50Hz)	Unit LP* ₹
3VM11	8 <sup>1)</sup>	3VM1108-5MG32-0AA0	16630.-
	12.5 <sup>1)</sup>	3VM1192-5MG32-0AA0	16630.-
	20	3VM1120-5MH32-0AA0	16630.-
	32	3VM1132-5MH32-0AA0	19870.-
	40	3VM1140-5MH32-0AA0	19870.-
	50	3VM1150-5MH32-0AA0	19870.-
	63	3VM1163-5MH32-0AA0	19870.-
	80	3VM1180-5MH32-0AA0	19870.-
	100	3VM1110-5MH32-0AA0	19870.-
3VM12	125	3VM1112-5MH32-0AA0	29575.-
	160	3VM1216-5MH32-0AA0	29575.-
3VM13	200	3VM1220-5MH32-0AA0	44865.-
	250	3VM1325-5MH32-0AA0	44865.-
3VM14	320	3VM1332-5MH32-0AA0	64290.-
	400	3VM1440-5MH32-0AA0	64290.-
	500	3VM1450-5MH32-0AA0	71255.-



Please refer page no-100 for 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	12415.-	3VM1163-1AA42-0AA0	18340.-
	100	3VM1110-1AA32-0AA0	12415.-	3VM1110-1AA42-0AA0	18340.-
	125	3VM1112-1AA32-0AA0	18105.-	3VM1112-1AA42-0AA0	22790.-
	160	3VM1116-1AA32-0AA0	18105.-	3VM1116-1AA42-0AA0	22790.-
3VM12	250	3VM1225-1AA32-0AA0	30135.-	3VM1225-1AA42-0AA0	40190.-
3VM13	400	3VM1340-1AA32-0AA0	38875.-	3VM1340-1AA42-0AA0	50550.-

<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	4845.-	3VM1196-3ED22-0AA0	8680.-
		20	3VM1120-3ED12-0AA0	4845.-	3VM1120-3ED22-0AA0	8680.-
		25	3VM1125-3ED12-0AA0	4845.-	3VM1125-3ED22-0AA0	8680.-
		32	3VM1132-3ED12-0AA0	4845.-	3VM1132-3ED22-0AA0	8680.-
		40	3VM1140-3ED12-0AA0	4845.-	3VM1140-3ED22-0AA0	8680.-
		50	3VM1150-3ED12-0AA0	4845.-	3VM1150-3ED22-0AA0	8680.-
		63	3VM1163-3ED12-0AA0	4845.-	3VM1163-3ED22-0AA0	8680.-
		80	3VM1180-3ED12-0AA0	5325.-	3VM1180-3ED22-0AA0	9510.-
		100	3VM1110-3ED12-0AA0	6145.-	3VM1110-3ED22-0AA0	11145.-
		125	3VM1112-3ED12-0AA0	9925.-	3VM1112-3ED22-0AA0	18035.-
		160	3VM1116-3ED12-0AA0	11565.-	3VM1116-3ED22-0AA0	20825.-
3VM11	36kA <sup>1)</sup>	16	3VM1196-4ED12-0AA0	5240.-	3VM1196-4ED22-0AA0	9510.-
		20	3VM1120-4ED12-0AA0	5240.-	3VM1120-4ED22-0AA0	9510.-
		25	3VM1125-4ED12-0AA0	5240.-	3VM1125-4ED22-0AA0	9510.-
		32	3VM1132-4ED12-0AA0	5240.-	3VM1132-4ED22-0AA0	9510.-
		40	3VM1140-4ED12-0AA0	5240.-	3VM1140-4ED22-0AA0	9510.-
		50	3VM1150-4ED12-0AA0	5240.-	3VM1150-4ED22-0AA0	9510.-
		63	3VM1163-4ED12-0AA0	5240.-	3VM1163-4ED22-0AA0	9510.-
		80	3VM1180-4ED12-0AA0	5820.-	3VM1180-4ED22-0AA0	10500.-
		100	3VM1110-4ED12-0AA0	6265.-	3VM1110-4ED22-0AA0	12130.-
		125	3VM1112-4ED12-0AA0	10755.-	3VM1112-4ED22-0AA0	19340.-
		160	3VM1116-4ED12-0AA0	12540.-	3VM1116-4ED22-0AA0	22625.-

<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	7UG0861-1BU20	6400.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910
	4P	7UG09911
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912
	4P	7UG09913
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914
	4P	7UG09915

Earth leakage protection for SENTRON 3VM moulded case circuit breaker

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

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

Std. Pkg. = 1 unit

\* LP - List Price

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

MLFB	Description	Unit LP*₹
<b>Auxiliary Switches and Alarm Switches (1 C/O)</b>		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	2085.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	2085.-
<b>Undervoltage releases</b>		
3VM9908-0BB11	UVR 24V DC	4650.-
3VM9908-0BB12	UVR 48V DC	4650.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	4650.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	4650.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	4650.-
<b>Shunt release (Left)</b>		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	3770.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	3770.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	3770.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	3770.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	3770.-

External Accessories:

MLFB	Description	Unit LP*₹
<b>Rotary Handles 1)</b>		
3VM9117-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	2550.-
3VM9217-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	3220.-
3VM9417-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	3635.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	2980.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	3910.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	4315.-
<b>Spreaders (incl. Phase barriers)</b>		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	1340.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	1710.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	1670.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	2220.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	2240.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	2905.-
<b>Extended terminals (incl. Phase barriers)</b>		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	1125.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	1500.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	1515.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	1970.-
<b>Phase barriers</b>		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	875.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	1220.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	1220.-
<b>Locking device for breaker with Toggle lever</b>		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	2320.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	3050.-
<b>Interlocking (for MCCBs with 8UC handles)</b>		
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	6470.-



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

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

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

Std. Pkg. = 1 unit

\* LP - List Price



SINOVA THE POWER OF **SIMPLICITY**

# 3VJ moulded case circuit breakers



Compact  
Efficient design



Versatile  
For various  
applications



Reliable  
Siemens trusted  
quality



Operational  
efficiency  
Reduced  
downtime



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**SIEMENS**

# 3VJ Moulded Case Circuit Breaker

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	3195.-	3VJ1096-0DA32-0AA0	3965.-	3VJ1096-0EA42-0AA0	5685.-
		20	3VJ1002-0DA22-0AA0	3195.-	3VJ1002-0DA32-0AA0	3965.-	3VJ1002-0EA42-0AA0	5685.-
		25	3VJ1092-0DA22-0AA0	3195.-	3VJ1092-0DA32-0AA0	3965.-	3VJ1092-0EA42-0AA0	5685.-
		32	3VJ1003-0DA22-0AA0	3195.-	3VJ1003-0DA32-0AA0	3965.-	3VJ1003-0EA42-0AA0	5685.-
		40	3VJ1004-0DA22-0AA0	3195.-	3VJ1004-0DA32-0AA0	3965.-	3VJ1004-0EA42-0AA0	5685.-
		50	3VJ1005-0DA22-0AA0	3195.-	3VJ1005-0DA32-0AA0	3965.-	3VJ1005-0EA42-0AA0	5685.-
		63	3VJ1006-0DA22-0AA0	3195.-	3VJ1006-0DA32-0AA0	3965.-	3VJ1006-0EA42-0AA0	5685.-
		80	3VJ1008-0DA22-0AA0	3195.-	3VJ1008-0DA32-0AA0	3965.-	3VJ1008-0EA42-0AA0	5685.-
		100	3VJ1010-0DA22-0AA0	3195.-	3VJ1010-0DA32-0AA0	3965.-	3VJ1010-0EA42-0AA0	5685.-
	125	3VJ1012-0DA22-0AA0	4935.-	3VJ1012-0DA32-0AA0	5950.-	3VJ1012-0EA42-0AA0	8525.-	
	18kA	16	3VJ1096-1DA22-0AA0	4415.-	3VJ1096-1DA32-0AA0	6375.-	3VJ1096-1EA42-0AA0	8180.-
		20	3VJ1002-1DA22-0AA0	4415.-	3VJ1002-1DA32-0AA0	6375.-	3VJ1002-1EA42-0AA0	8180.-
		25	3VJ1092-1DA22-0AA0	4415.-	3VJ1092-1DA32-0AA0	6375.-	3VJ1092-1EA42-0AA0	8180.-
		32	3VJ1003-1DA22-0AA0	4415.-	3VJ1003-1DA32-0AA0	6375.-	3VJ1003-1EA42-0AA0	8180.-
		40	3VJ1004-1DA22-0AA0	4415.-	3VJ1004-1DA32-0AA0	6375.-	3VJ1004-1EA42-0AA0	8180.-
		50	3VJ1005-1DA22-0AA0	4415.-	3VJ1005-1DA32-0AA0	6375.-	3VJ1005-1EA42-0AA0	8180.-
		63	3VJ1006-1DA22-0AA0	4415.-	3VJ1006-1DA32-0AA0	6375.-	3VJ1006-1EA42-0AA0	8180.-
		80	3VJ1008-1DA22-0AA0	4415.-	3VJ1008-1DA32-0AA0	6375.-	3VJ1008-1EA42-0AA0	8180.-
		100	3VJ1010-1DA22-0AA0	4415.-	3VJ1010-1DA32-0AA0	6375.-	3VJ1010-1EA42-0AA0	8180.-
	125	3VJ1012-1DA22-0AA0	5115.-	3VJ1012-1DA32-0AA0	7315.-	3VJ1012-1EA42-0AA0	9515.-	
	25kA	16	3VJ1096-3DA22-0AA0	5305.-	3VJ1096-3DA32-0AA0	6955.-	3VJ1096-3EA42-0AA0	9225.-
		20	3VJ1002-3DA22-0AA0	5305.-	3VJ1002-3DA32-0AA0	6955.-	3VJ1002-3EA42-0AA0	9225.-
		25	3VJ1092-3DA22-0AA0	5305.-	3VJ1092-3DA32-0AA0	6955.-	3VJ1092-3EA42-0AA0	9225.-
		32	3VJ1003-3DA22-0AA0	5305.-	3VJ1003-3DA32-0AA0	6955.-	3VJ1003-3EA42-0AA0	9225.-
		40	3VJ1004-3DA22-0AA0	5305.-	3VJ1004-3DA32-0AA0	6955.-	3VJ1004-3EA42-0AA0	9225.-
		50	3VJ1005-3DA22-0AA0	5305.-	3VJ1005-3DA32-0AA0	6955.-	3VJ1005-3EA42-0AA0	9225.-
		63	3VJ1006-3DA22-0AA0	5305.-	3VJ1006-3DA32-0AA0	6955.-	3VJ1006-3EA42-0AA0	9225.-
		80	3VJ1008-3DA22-0AA0	5305.-	3VJ1008-3DA32-0AA0	6955.-	3VJ1008-3EA42-0AA0	9225.-
		100	3VJ1010-3DA22-0AA0	5305.-	3VJ1010-3DA32-0AA0	6955.-	3VJ1010-3EA42-0AA0	9225.-
	125	3VJ1012-3DA22-0AA0	5305.-	3VJ1012-3DA32-0AA0	7945.-	3VJ1012-3EA42-0AA0	10140.-	

Notes:

Phase barriers are included in the standard MCCB packing

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

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

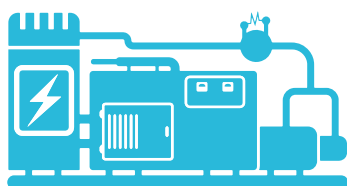


### 3VJ MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	10770.-	3VJ1216-3DA32-0AA0	12485.-	3VJ1216-3EA42-0AA0	16425.-
		200	3VJ1220-3DA22-0AA0	10890.-	3VJ1220-3DA32-0AA0	12680.-	3VJ1220-3EA42-0AA0	18035.-
		250	3VJ1225-3DA22-0AA0	11005.-	3VJ1225-3DA32-0AA0	14270.-	3VJ1225-3EA42-0AA0	18790.-
3VJ13 (VJ1 400)	25kA	320	-	-	3VJ1332-3DA32-0AA0	28265.-	3VJ1332-3EA42-0AA0	36400.-
		400	-	-	3VJ1340-3DA32-0AA0	28265.-	3VJ1340-3EA42-0AA0	36400.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8160.-	3VJ1196-5DA32-0AA0	9705.-	3VJ1196-5EA42-0AA0	12825.-
		20	3VJ1102-5DA22-0AA0	8160.-	3VJ1102-5DA32-0AA0	9705.-	3VJ1102-5EA42-0AA0	12825.-
		25	3VJ1192-5DA22-0AA0	8160.-	3VJ1192-5DA32-0AA0	9705.-	3VJ1192-5EA42-0AA0	12825.-
		32	3VJ1103-5DA22-0AA0	8160.-	3VJ1103-5DA32-0AA0	9705.-	3VJ1103-5EA42-0AA0	12825.-
		40	3VJ1104-5DA22-0AA0	8160.-	3VJ1104-5DA32-0AA0	9705.-	3VJ1104-5EA42-0AA0	12825.-
		50	3VJ1105-5DA22-0AA0	8160.-	3VJ1105-5DA32-0AA0	9705.-	3VJ1105-5EA42-0AA0	12825.-
		63	3VJ1106-5DA22-0AA0	8160.-	3VJ1106-5DA32-0AA0	9705.-	3VJ1106-5EA42-0AA0	12825.-
		80	3VJ1108-5DA22-0AA0	8160.-	3VJ1108-5DA32-0AA0	9995.-	3VJ1108-5EA42-0AA0	13220.-
		100	3VJ1110-5DA22-0AA0	8160.-	3VJ1110-5DA32-0AA0	9995.-	3VJ1110-5EA42-0AA0	13220.-
3VJ12 (VJ1 250)	36kA	125	3VJ1112-5DA22-0AA0	8160.-	3VJ1112-5DA32-0AA0	10995.-	3VJ1112-5EA42-0AA0	14370.-
		160	3VJ1216-5DA22-0AA0	11360.-	3VJ1216-5DA32-0AA0	13980.-	3VJ1216-5EA42-0AA0	17005.-
		200	3VJ1220-5DA22-0AA0	11965.-	3VJ1220-5DA32-0AA0	17240.-	3VJ1220-5EA42-0AA0	22250.-
3VJ13 (VJ1 400)	36kA	250	3VJ1225-5DA22-0AA0	13505.-	3VJ1225-5DA32-0AA0	19815.-	3VJ1225-5EA42-0AA0	25500.-
		320	-	-	3VJ1332-5DA32-0AA0	28970.-	3VJ1332-5EA42-0AA0	37110.-
3VJ14 (VJ1 630)	36kA	400	-	-	3VJ1340-5DA32-0AA0	28970.-	3VJ1340-5EA42-0AA0	37110.-
		500	-	-	3VJ1450-5DA32-0AA0	43460.-	3VJ1450-5EA42-0AA0	55665.-
3VJ11 (VJ1 125)	36kA	630	-	-	3VJ1463-5DA32-0AA0	43460.-	3VJ1463-5EA42-0AA0	55665.-
		16	3VJ1196-7DA22-0AA0	8590.-	3VJ1196-7DA32-0AA0	12415.-	3VJ1196-7EA42-0AA0	16380.-
3VJ11 (VJ1 125)	55kA	20	3VJ1102-7DA22-0AA0	8590.-	3VJ1102-7DA32-0AA0	12415.-	3VJ1102-7EA42-0AA0	16380.-
		25	3VJ1192-7DA22-0AA0	8590.-	3VJ1192-7DA32-0AA0	12415.-	3VJ1192-7EA42-0AA0	16380.-
		32	3VJ1103-7DA22-0AA0	8590.-	3VJ1103-7DA32-0AA0	12415.-	3VJ1103-7EA42-0AA0	16380.-
		40	3VJ1104-7DA22-0AA0	8590.-	3VJ1104-7DA32-0AA0	12415.-	3VJ1104-7EA42-0AA0	16380.-
		50	3VJ1105-7DA22-0AA0	8590.-	3VJ1105-7DA32-0AA0	12415.-	3VJ1105-7EA42-0AA0	16380.-
		63	3VJ1106-7DA22-0AA0	8590.-	3VJ1106-7DA32-0AA0	12415.-	3VJ1106-7EA42-0AA0	16380.-
		80	3VJ1108-7DA22-0AA0	8590.-	3VJ1108-7DA32-0AA0	12415.-	3VJ1108-7EA42-0AA0	16380.-
		100	3VJ1110-7DA22-0AA0	8590.-	3VJ1110-7DA32-0AA0	12415.-	3VJ1110-7EA42-0AA0	16380.-
		125	3VJ1112-7DA22-0AA0	8590.-	3VJ1112-7DA32-0AA0	13665.-	3VJ1112-7EA42-0AA0	18020.-
3VJ12 (VJ1 250)	55kA	160	3VJ1216-7DA22-0AA0	12315.-	3VJ1216-7DA32-0AA0	17295.-	3VJ1216-7EA42-0AA0	22845.-
		200	3VJ1220-7DA22-0AA0	12560.-	3VJ1220-7DA32-0AA0	19885.-	3VJ1220-7EA42-0AA0	26260.-
		250	3VJ1225-7DA22-0AA0	13755.-	3VJ1225-7DA32-0AA0	22870.-	3VJ1225-7EA42-0AA0	30205.-
3VJ13 (VJ1 400)	55kA	320	-	-	3VJ1332-7DA32-0AA0	29680.-	3VJ1332-7EA42-0AA0	38175.-
		400	-	-	3VJ1340-7DA32-0AA0	29680.-	3VJ1340-7EA42-0AA0	38175.-
3VJ14 (VJ1 630)	55kA	500	-	-	3VJ1450-7DA32-0AA0	44520.-	3VJ1450-7EA42-0AA0	57250.-
		630	-	-	3VJ1463-7DA32-0AA0	44520.-	3VJ1463-7EA42-0AA0	57250.-

Notes:  
 Phase barriers are included in the standard MCCB packing  
 ^2P in 3P Frame Size      Std. Pkg. = 1 unit      \* MRP - Max. Retail Price

Circuit Breakers



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	5055.-	3VJ1096-0EB42-0AA0	6830.-	
		20	3VJ1002-0DB32-0AA0	5055.-	3VJ1002-0EB42-0AA0	6830.-	
		25	3VJ1092-0DB32-0AA0	5055.-	3VJ1092-0EB42-0AA0	6830.-	
		32	3VJ1003-0DB32-0AA0	5055.-	3VJ1003-0EB42-0AA0	6830.-	
		40	3VJ1004-0DB32-0AA0	5055.-	3VJ1004-0EB42-0AA0	6830.-	
		50	3VJ1005-0DB32-0AA0	5055.-	3VJ1005-0EB42-0AA0	6830.-	
		63	3VJ1006-0DB32-0AA0	5055.-	3VJ1006-0EB42-0AA0	6830.-	
		80	3VJ1008-0DB32-0AA0	5055.-	3VJ1008-0EB42-0AA0	6830.-	
		100	3VJ1010-0DB32-0AA0	5055.-	3VJ1010-0EB42-0AA0	6830.-	
		125	3VJ1012-0DB32-0AA0	7270.-	3VJ1012-0EB42-0AA0	10260.-	
		18kA	16	3VJ1096-1DB32-0AA0	7640.-	3VJ1096-1EB42-0AA0	9810.-
			20	3VJ1002-1DB32-0AA0	7640.-	3VJ1002-1EB42-0AA0	9810.-
	25		3VJ1092-1DB32-0AA0	7640.-	3VJ1092-1EB42-0AA0	9810.-	
	32		3VJ1003-1DB32-0AA0	7640.-	3VJ1003-1EB42-0AA0	9810.-	
	40		3VJ1004-1DB32-0AA0	7640.-	3VJ1004-1EB42-0AA0	9810.-	
	50		3VJ1005-1DB32-0AA0	7640.-	3VJ1005-1EB42-0AA0	9810.-	
	63		3VJ1006-1DB32-0AA0	7640.-	3VJ1006-1EB42-0AA0	9810.-	
	80		3VJ1008-1DB32-0AA0	7640.-	3VJ1008-1EB42-0AA0	9810.-	
	100		3VJ1010-1DB32-0AA0	7640.-	3VJ1010-1EB42-0AA0	9810.-	
	125		3VJ1012-1DB32-0AA0	8760.-	3VJ1012-1EB42-0AA0	11405.-	
	25kA		16	3VJ1096-3DB32-0AA0	8780.-	3VJ1096-3EB42-0AA0	11640.-
			20	3VJ1002-3DB32-0AA0	8780.-	3VJ1002-3EB42-0AA0	11640.-
		25	3VJ1092-3DB32-0AA0	8780.-	3VJ1092-3EB42-0AA0	11640.-	
		32	3VJ1003-3DB32-0AA0	8780.-	3VJ1003-3EB42-0AA0	11640.-	
		40	3VJ1004-3DB32-0AA0	8780.-	3VJ1004-3EB42-0AA0	11640.-	
		50	3VJ1005-3DB32-0AA0	8780.-	3VJ1005-3EB42-0AA0	11640.-	
		63	3VJ1006-3DB32-0AA0	8780.-	3VJ1006-3EB42-0AA0	11640.-	
		80	3VJ1008-3DB32-0AA0	8780.-	3VJ1008-3EB42-0AA0	11640.-	
		100	3VJ1010-3DB32-0AA0	8780.-	3VJ1010-3EB42-0AA0	11640.-	
		125	3VJ1012-3DB32-0AA0	10015.-	3VJ1012-3EB42-0AA0	12800.-	

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



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹	
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	14080.-	3VJ1216-3EB42-0AA0	17135.-	
		200	3VJ1220-3DB32-0AA0	15200.-	3VJ1220-3EB42-0AA0	19130.-	
		250	3VJ1225-3DB32-0AA0	17110.-	3VJ1225-3EB42-0AA0	22530.-	
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	32015.-	3VJ1332-3EB42-0AA0	41230.-	
		400	3VJ1340-3DB32-0AA0	32015.-	3VJ1340-3EB42-0AA0	41230.-	
		3VJ11 (VJ1 125)	16	3VJ1196-5DB32-0AA0	11640.-	3VJ1196-5EB42-0AA0	15375.-
20	3VJ1102-5DB32-0AA0		11640.-	3VJ1102-5EB42-0AA0	15375.-		
25	3VJ1192-5DB32-0AA0		11640.-	3VJ1192-5EB42-0AA0	15375.-		
32	3VJ1103-5DB32-0AA0		11640.-	3VJ1103-5EB42-0AA0	15375.-		
40	3VJ1104-5DB32-0AA0		11640.-	3VJ1104-5EB42-0AA0	15375.-		
50	3VJ1105-5DB32-0AA0		11640.-	3VJ1105-5EB42-0AA0	15375.-		
63	3VJ1106-5DB32-0AA0		11640.-	3VJ1106-5EB42-0AA0	15375.-		
80	3VJ1108-5DB32-0AA0		11640.-	3VJ1108-5EB42-0AA0	15375.-		
100	3VJ1110-5DB32-0AA0		11640.-	3VJ1110-5EB42-0AA0	15375.-		
125	3VJ1112-5DB32-0AA0		13185.-	3VJ1112-5EB42-0AA0	16715.-		
3VJ12 (VJ1 250)	36kA		160	3VJ1216-5DB32-0AA0	15970.-	3VJ1216-5EB42-0AA0	19415.-
			200	3VJ1220-5DB32-0AA0	20670.-	3VJ1220-5EB42-0AA0	26680.-
		250	3VJ1225-5DB32-0AA0	23765.-	3VJ1225-5EB42-0AA0	30580.-	
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	32815.-	3VJ1332-5EB42-0AA0	42030.-	
		400	3VJ1340-5DB32-0AA0	32815.-	3VJ1340-5EB42-0AA0	42030.-	
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	49225.-	3VJ1450-5EB42-0AA0	63045.-	
		630	3VJ1463-5DB32-0AA0	49225.-	3VJ1463-5EB42-0AA0	63045.-	
3VJ11 (VJ1 125)		55kA	16	3VJ1196-7DB32-0AA0	14065.-	3VJ1196-7EB42-0AA0	18550.-
			20	3VJ1102-7DB32-0AA0	14065.-	3VJ1102-7EB42-0AA0	18550.-
			25	3VJ1192-7DB32-0AA0	14065.-	3VJ1192-7EB42-0AA0	18550.-
			32	3VJ1103-7DB32-0AA0	14065.-	3VJ1103-7EB42-0AA0	18550.-
			40	3VJ1104-7DB32-0AA0	14065.-	3VJ1104-7EB42-0AA0	18550.-
	50		3VJ1105-7DB32-0AA0	14065.-	3VJ1105-7EB42-0AA0	18550.-	
	63		3VJ1106-7DB32-0AA0	14065.-	3VJ1106-7EB42-0AA0	18550.-	
	80		3VJ1108-7DB32-0AA0	14065.-	3VJ1108-7EB42-0AA0	18550.-	
	100		3VJ1110-7DB32-0AA0	14065.-	3VJ1110-7EB42-0AA0	18550.-	
	125		3VJ1112-7DB32-0AA0	15470.-	3VJ1112-7EB42-0AA0	20410.-	
	3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	18515.-	3VJ1216-7EB42-0AA0	24455.-
			200	3VJ1220-7DB32-0AA0	21295.-	3VJ1220-7EB42-0AA0	28115.-
250		3VJ1225-7DB32-0AA0	24475.-	3VJ1225-7EB42-0AA0	32335.-		
3VJ13 (VJ1 400)	320	3VJ1332-7DB32-0AA0	33620.-	3VJ1332-7EB42-0AA0	43235.-		
	400	3VJ1340-7DB32-0AA0	33620.-	3VJ1340-7EB42-0AA0	43235.-		
3VJ14 (VJ1 630)	500	3VJ1450-7DB32-0AA0	50425.-	3VJ1450-7EB42-0AA0	64850.-		
	630	3VJ1463-7DB32-0AA0	50425.-	3VJ1463-7EB42-0AA0	64850.-		

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	6400.-	
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	2210.-
	4P	7UG09911	2520.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	2520.-
	4P	7UG09911	2520.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	2665.-
	4P	7UG09913	3145.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915	4255.-

## Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹	
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	6190.-
	230VAC	7UG0842-1CD20	6255.-
CBCT for ELR	35 mm dia	7UG0996	2250.-
	70 mm dia	7UG0997	2575.-
	120 mm dia	7UG0999	4385.-
	210 mm dia	7UG0994	8435.-
	310 mm dia	7UG0995	12570.-

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

### 3VJ Internal accessories

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1745.-	3VJ9218-0AN11	1800.-	3VJ9218-0AN11	1800.-	3VJ9417-0AN11	1955.-
	Right	-	-	3VJ9218-0AN21	1800.-	3VJ9218-0AN21	1800.-	3VJ9417-0AN21	1955.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1745.-	3VJ9118-0AA11	1745.-	3VJ9218-0AA11	1800.-	3VJ9417-0AA11	1955.-
	Right	-	-	3VJ9118-0AA21	1745.-	3VJ9218-0AA21	1800.-	3VJ9417-0AA21	1955.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2830.-	3VJ9118-0AD11	2830.-	3VJ9218-0AD11	2965.-	3VJ9417-0AD11	3370.-
	Right	-	-	3VJ9118-0AD21	2830.-	3VJ9218-0AD21	2965.-	3VJ9417-0AD21	3370.-
Shunt Trip (Right) (ST)	24V DC	-	-	3VJ9218-0ST11	3600.-	3VJ9218-0ST11	3600.-	-	-
	24V AC/DC	-	-	-	-	-	-	3VJ9417-0ST21	4045.-
	48V DC	-	-	3VJ9218-0ST12	3600.-	3VJ9218-0ST12	3600.-	-	-
	48V AC/DC	-	-	-	-	-	-	3VJ9417-0ST22	4045.-
	110V DC	3VJ9018-0ST15	2620.-	3VJ9218-0ST15	3600.-	3VJ9218-0ST15	3600.-	-	-
	110V AC/DC	-	-	-	-	-	-	3VJ9417-0ST25	4045.-
	110V AC	3VJ9018-0ST35	2620.-	3VJ9218-0ST35	3735.-	3VJ9218-0ST35	3735.-	-	-
	220V AC	3VJ9018-0ST36	2840.-	3VJ9218-0ST36	3860.-	3VJ9218-0ST36	3860.-	3VJ9417-0ST36	4450.-
415V AC	3VJ9018-0ST37	2840.-	3VJ9218-0ST37	3860.-	3VJ9218-0ST37	3860.-	3VJ9417-0ST37	4450.-	
Undervoltage Release (Left) (UVR)	24V DC	-	-	3VJ9218-0UV11	5150.-	3VJ9218-0UV11	5150.-	-	-
	48V DC	-	-	3VJ9218-0UV12	5150.-	3VJ9218-0UV12	5150.-	-	-
	220V AC	-	-	3VJ9218-0UV36	5410.-	3VJ9218-0UV36	5410.-	3VJ9417-0UV36	13490.-
	415V AC	-	-	3VJ9218-0UV37	5790.-	3VJ9218-0UV37	5790.-	3VJ9417-0UV37	13490.-

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

### 3VJ External accessories

Frame Size	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	-	3VJ9018-0HD11	2610.-	3VJ9118-0HD11	2810.-	3VJ9218-0HD11	3285.-	3VJ9417-0HD11	4345.-	3VJ9417-0HD11	4345.-
Spreader Links^	2P	3VJ9012-0ED00	230.-	3VJ9112-0ED00	255.-	3VJ9212-0ED00	775.-	-	-	-	-
	3P	3VJ9013-0ED00	390.-	3VJ9113-0ED00	410.-	3VJ9213-0ED00	1255.-	3VJ9313-0ED00	2190.-	3VJ9413-0ED00	2750.-
	4P	3VJ9014-0ED00	510.-	3VJ9114-0ED00	535.-	3VJ9214-0ED00	1635.-	3VJ9314-0ED00	3090.-	3VJ9414-0ED00	3885.-
Phase Barriers#		3VJ9018-0CA00	180.-	3VJ9218-0CA00	285.-	3VJ9218-0CA00	285.-	3VJ9417-0CA00	325.-	3VJ9417-0CA00	325.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	415.-	3VJ9116-0CJ30	495.-	3VJ9216-0CJ30	710.-	3VJ9413-0CJ30	925.-	3VJ9413-0CJ30	925.-
	4P	3VJ9014-0CJ40	585.-	3VJ9114-0CJ40	625.-	3VJ9214-0CJ40	830.-	3VJ9414-0CJ40	1140.-	3VJ9414-0CJ40	1140.-
Toggle handle extension	-	-	-	-	-	-	-	3VJ9417-0DH10	735.-	3VJ9417-0DH10	735.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	-	8UC60701YQ..	6470.-	8UC60701YQ..	6470.-	8UC60701YQ..	6470.-	8UC60702YQ..	6645.-	8UC60702YQ..	6645.-
SS Enclosures	2P/3P	3VJ9016-0DE11	2910.-	3VJ9116-0DE11	2910.-	3VJ9216-0DE12	6385.-	-	-	-	-
	4P	3VJ9014-0DE11	2910.-	3VJ9114-0DE11	2910.-	3VJ9214-0DE12	6385.-	-	-	-	-
Padlock on MCCB Dolly/Knob	-	-	-	3VJ9118-0LM10	1165.-	3VJ9218-0LM10	1165.-	3VJ9317-0LM10	2830.-	3VJ9317-0LM10	2830.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	-	-	3VJ9116-0VM10	3185.-	3VJ9216-0VM10	6215.-	3VJ9313-0VM10	12120.-	3VJ9313-0VM10	12120.-
	4P	-	-	3VJ9114-0VM10	3325.-	3VJ9214-0VM10	7340.-	3VJ9314-0VM10	16205.-	3VJ9314-0VM10	16205.-

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**

# SETRON 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	130080.-	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

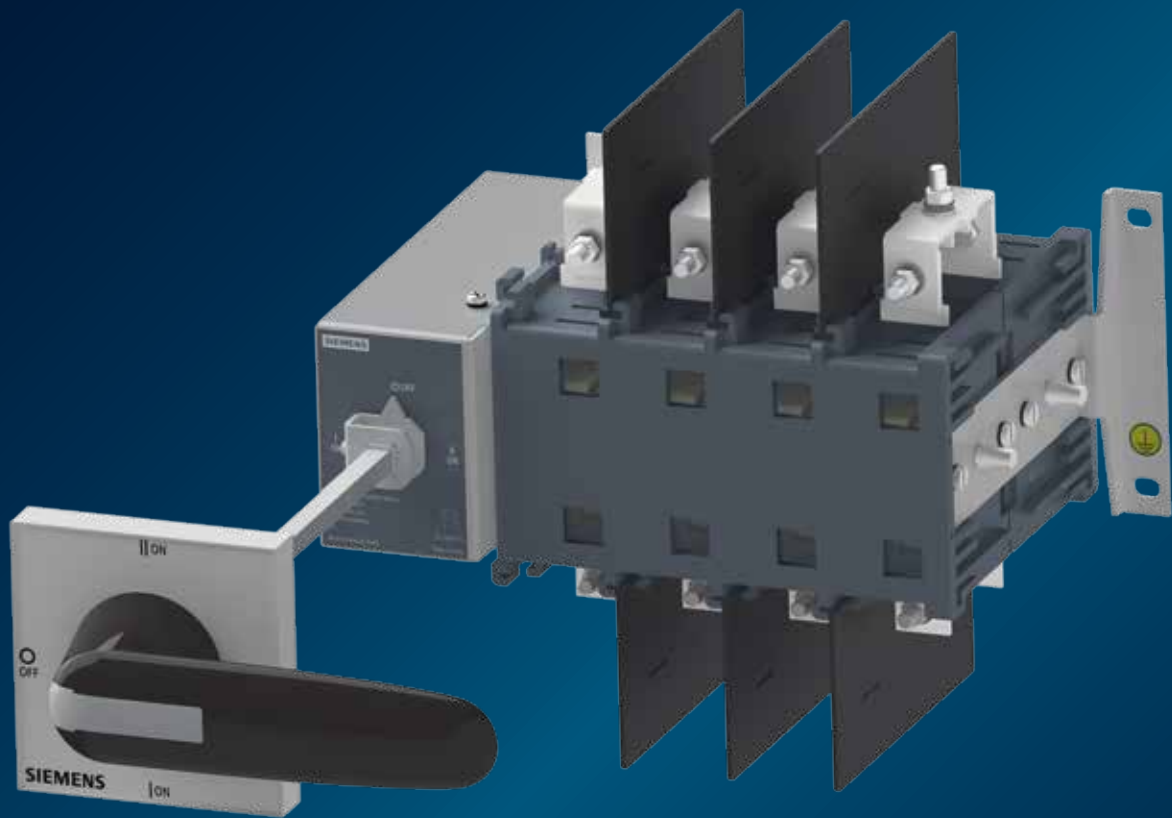
Auto Transfer Controllers

**Complete Auto changeover solution with SIEMENS circuit breakers**

Designed and tested with







**SINOVA**

# On Load Changeover Switches – 3KJ

The Power of **Simplicity**

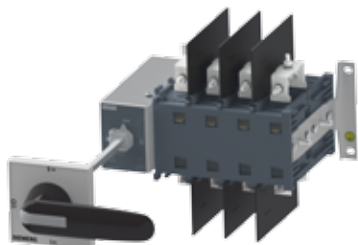
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

[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	7400.-	3KJ1126-4AA20-1AA0	14630.-	1
		100	3KJ1130-4AA20-0AA0	9840.-	3KJ1130-4AA20-1AA0	17190.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	14735.-	3KJ0132-4AA20-1AA0	20030.-	1
		160	3KJ0134-4AA20-0AA0	16190.-	3KJ0134-4AA20-1AA0	22935.-	1
	2	200	3KJ0236-4AA20-0AA0	20620.-	3KJ0236-4AA20-1AA0	26530.-	1
		250	3KJ0238-4AA20-0AA0	25235.-	3KJ0238-4AA20-1AA0	32965.-	1
		315	3KJ0240-4AA20-0AA0	33060.-	3KJ0240-4AA20-1AA0	40295.-	1
		400	3KJ0242-4AA20-0AA0	47990.-	3KJ0242-4AA20-1AA0	59905.-	1
	3	630	3KJ0346-4AA20-0AA0	57075.-	3KJ0346-4AA20-1AA0	68975.-	1
		800	3KJ0348-4AA20-0AA0	82785.-	3KJ0348-4AA20-1AA0	99200.-	1
	4	1000	3KJ0450-4AA30-0AA0	155915.-	3KJ0450-4AA30-1AA0	171455.-	1
		1250	3KJ0452-4AA30-0AA0	192150.-	3KJ0452-4AA30-1AA0	221435.-	1
		1600	3KJ0454-4AA30-0AA0	244955.-	3KJ0454-4AA30-1AA0	298640.-	1
	5	2000	3KJ0556-4AA30-0AA0	377085.-	3KJ0556-4AA30-1AA0	411625.-	1
		2500	3KJ0558-4AA30-0AA0	483460.-	3KJ0558-4AA30-1AA0	526700.-	1
		3150	3KJ0560-4AA30-0AA0	621640.-	3KJ0560-4AA30-1AA0	713920.-	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

Load Break Switches

# 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	740.-					1
	2CO	3KJ9101-1AD00	1480.-					1
	1NO+1NC			3KJ9001-1AB00	1920.-	3KJ9001-5AB00	3885.-	1
	2NO+2NC			3KJ9001-1AD00	6690.-	3KJ9001-5AD00	14520.-	1
Gland box <sup>2)</sup>	With one gland plate			3KJ9013-1MA00	3990.-	3KJ9013-2MB00	9025.-	1
Spare Phase barrier		3KJ9103-1CA00	50.-	3KJ9003-1CA00	70.-	3KJ9003-3CA00	110.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	700.-	3KJ9006-2FT00	700.-	3KJ9006-2FT00	700.-	1
Spare Shaft		3KJ9107-1GA00	235.-	3KJ9007-2GA00	235.-	3KJ9007-2GA00	235.-	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		1
						400A 3KJ9002-2BE00		1
								1

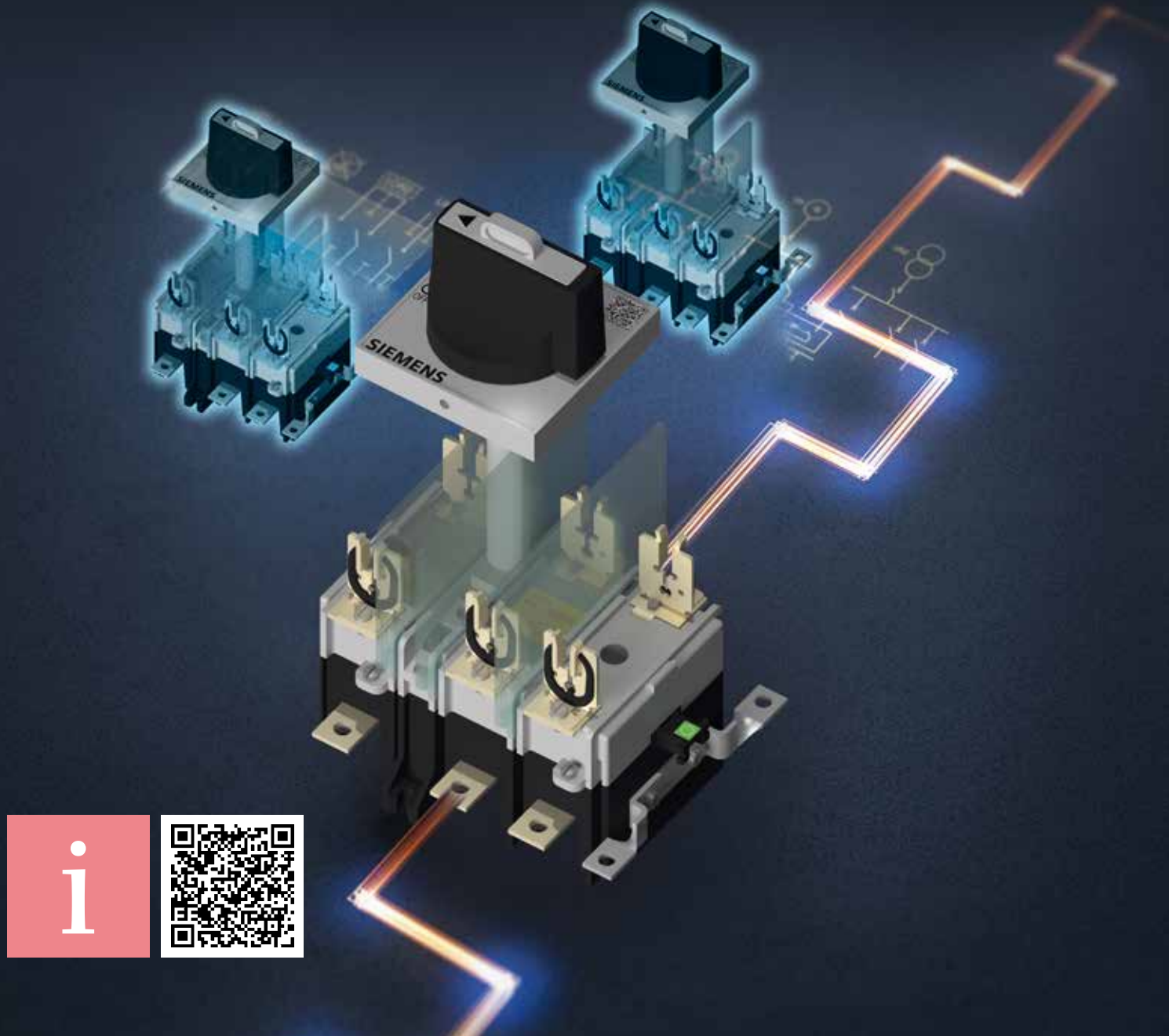
Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)	
Auxiliary Switch <sup>1)</sup>	1NO+1NC	3KJ9001-5AB00	3885.-	3KJ9001-5AB00	3885.-	3KJ9001-5AB00	3885.-	1	
	2NO+2NC	3KJ9001-5AD00	14520.-	3KJ9001-5AD00	14520.-	3KJ9001-5AD00	14520.-	1	
Gland box <sup>2)</sup>	With one gland plate	3KJ9013-3MC00	13885.-					1	
Spare Phase barrier	Lower side	3KJ9003-3CA00	110.-	3KJ9003-4CA00	390.-			1	
	Front side					3KJ9003-5CA10	390.-	1	
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	795.-			3KJ9003-5CA20	425.-	1	
	Metallic							1	
Spare Shaft		3KJ9007-4GA00	505.-	3KJ9007-4GA00	505.-	3KJ9007-5GA00	505.-	1	
Spare pole <sup>3)</sup>		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1	
		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1	
			1600A 3KJ9008-4HN00	3150A 3KJ9008-4HN00		1			
						1			
Spare Extended link				1000A 3KJ9012-4LA00	POR			1	
				1250A 3KJ9012-4LB00		1			
				1600A 3KJ9012-4LC00		1			
						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	
								1	
	Line side connection						2000A 3KJ9002-5BL10		1
							2500A 3KJ9002-5BM10		1
							3150A 3KJ9002-5BN10 3KJ9002-5BN20		1
									1

### Notes:

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

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price



## SUPERSWITCH

# Switch Disconnect Fuse - **3KL8**

**Safe. Reliable. Efficient.**

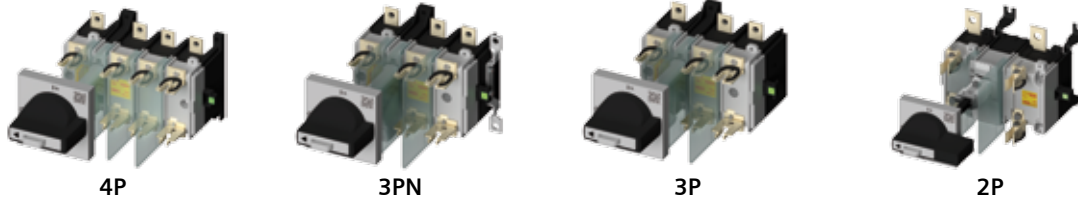
- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

[www.siemens.co.in/superswitch3k](http://www.siemens.co.in/superswitch3k)

**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)

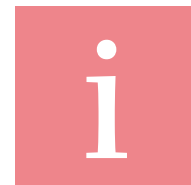
Rated current I <sub>e</sub> @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	3750.-	3KL8111-4TJ00	3815.-	3KL8111-4TC00	3895.-	1
32A	3KL8121-4TA00	3880.-	3KL8121-4TJ00	4180.-	3KL8121-4TC00	4210.-	1
63A	3KL8151-4TA00	5225.-	3KL8151-4TJ00	5300.-	3KL8151-4TC00	5515.-	1
100A	3KL8171-4TA00	7845.-	-	-	-	-	1
100A	3KL8211-4TA00	11265.-	3KL8211-4TJ00	12285.-	-	-	1
125A	3KL8221-4TA00	13805.-	3KL8221-4TJ00	14630.-	-	-	1
160A	3KL8231-4TA00	15330.-	3KL8231-4TJ00	17775.-	-	-	1
200A	3KL8311-4UA00	21990.-	3KL8311-4UJ00	23085.-	-	-	1
250A	3KL8321-4UA00	25625.-	3KL8321-4UJ00	27360.-	-	-	1
315A	3KL8331-4UA00	30840.-	3KL8331-4UJ00	33760.-	-	-	1
400A	3KL8341-4UA00	33935.-	3KL8341-4UJ00	39005.-	-	-	1
500A	3KL8411-4UA00	55115.-	3KL8411-4UJ00	62865.-	-	-	1
630A	3KL8421-4UA00	57140.-	3KL8421-4UJ00	65140.-	-	-	1
800A <sup>§</sup>	3KL8431-4UA00	67540.-	3KL8431-4UJ00	70580.-	-	-	1

## Switch disconnecter fuse:3KL8 3PN for power distribution and motor protection (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	3KL8111-5TA00	3335.-	3KL8111-5TJ00	3345.-	3KL8111-5TC00	3355.-	1
32A	3KL8121-5TA00	3385.-	3KL8121-5TJ00	3405.-	3KL8121-5TC00	3435.-	1
63A	3KL8151-5TA00	4545.-	3KL8151-5TJ00	4640.-	3KL8151-5TC00	4680.-	1
100A	3KL8171-5TA00	6505.-	-	-	-	-	1
100A	3KL8211-5TA00	9060.-	3KL8211-5TJ00	9145.-	-	-	1
125A	3KL8221-5TA00	11660.-	3KL8221-5TJ00	11715.-	-	-	1
160A	3KL8231-5TA00	12480.-	3KL8231-5TJ00	12540.-	-	-	1
200A	3KL8311-5UA00	17130.-	3KL8311-5UJ00	17645.-	-	-	1
250A	3KL8321-5UA00	19455.-	3KL8321-5UJ00	19985.-	-	-	1
315A	3KL8331-5UA00	23165.-	3KL8331-5UJ00	23555.-	-	-	1
400A	3KL8341-5UA00	27920.-	3KL8341-5UJ00	28335.-	-	-	1
500A	3KL8411-5UA00	44905.-	3KL8411-5UJ00	45940.-	-	-	1
630A	3KL8421-5UA00	47295.-	3KL8421-5UJ00	49750.-	-	-	1
800A <sup>§</sup>	3KL8431-5UA00	50435.-	3KL8431-5UJ00	53910.-	-	-	1

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

Rated current I <sub>e</sub> @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	3235.-	1
32A	3KL8121-1TA00	3295.-	1
63A	3KL8151-1TA00	4470.-	1
100A	3KL8211-1TA00	8900.-	1
125A	3KL8221-1TA00	11315.-	1
160A	3KL8231-1TA00	12230.-	1
200A	3KL8311-1UA00	16595.-	1
250A	3KL8321-1UA00	19350.-	1
315A	3KL8331-1UA00	22820.-	1
400A	3KL8341-1UA00	27475.-	1
500A	3KL8411-1UA00	44220.-	1
630A	3KL8421-1UA00	47000.-	1
800A <sup>§</sup>	3KL8431-1UA00	50120.-	1



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

Notes:

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

3KL8: Unit MRPs are without fuses

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

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

Refer the OM for changes in dimension

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 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	3015.-	-	-	3KL8111-2TC00	3070.-	1
32A <sup>®</sup>	3KL8121-2TA00	3070.-	-	-	3KL8121-2TC00	3205.-	1
63A <sup>®</sup>	3KL8151-2TA00	3995.-	-	-	3KL8151-2TC00	4035.-	1
100A <sup>®</sup>	3KL8171-2TA00	6180.-	-	-	-	-	1
100A	3KL8211-2TA00	8510.-	3KL8211-2TJ00	8705.-	-	-	1
125A	3KL8221-2TA00	9860.-	3KL8221-2TJ00	10745.-	-	-	1
160A	3KL8231-2TA00	10255.-	3KL8231-2TJ00	11570.-	-	-	1
200A	3KL8311-2UA00	14905.-	3KL8311-2UJ00	16290.-	-	-	1
250A	3KL8321-2UA00	16235.-	3KL8321-2UJ00	17990.-	-	-	1
315A	3KL8331-2UA00	19750.-	3KL8331-2UJ00	20955.-	-	-	1
400A	3KL8341-2UA00	23535.-	3KL8341-2UJ00	24740.-	-	-	1
500A	3KL8411-2UA00	37160.-	3KL8411-2UJ00	43265.-	-	-	1
630A	3KL8421-2UA00	38010.-	3KL8421-2UJ00	43900.-	-	-	1
800A <sup>§</sup>	3KL8431-2UA00	49445.-	3KL8431-2UJ00	49605.-	-	-	1



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

Rated current I <sub>e</sub> @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	6965.-	3KL8111-4TA10	8030.-	1
	BS	3KL8111-5TJ10	7025.-	3KL8111-4TJ10	8045.-	1
	CYL	3KL8111-5TC10	7065.-	3KL8111-4TC10	8115.-	1
32A	DIN	3KL8121-5TA10	7450.-	3KL8121-4TA10	8280.-	1
	BS	3KL8121-5TJ10	7475.-	3KL8121-4TJ10	8375.-	1
	CYL	3KL8121-5TC10	7510.-	3KL8121-4TC10	8405.-	1
63A	DIN	3KL8151-5TA10	8275.-	3KL8151-4TA10	9765.-	1
	BS	3KL8151-5TJ10	8305.-	3KL8151-4TJ10	10010.-	1
	CYL	3KL8151-5TC10	8370.-	3KL8151-4TC10	10045.-	1
100A	DIN	3KL8211-5TA10	13265.-	3KL8211-4TA10	15730.-	1
	BS	3KL8211-5TJ10	13655.-	3KL8211-4TJ10	15885.-	1
125A	DIN	3KL8221-5TA10	15725.-	3KL8221-4TA10	18940.-	1
	BS	3KL8221-5TJ10	15840.-	3KL8221-4TJ10	19540.-	1
160A	DIN	3KL8231-5TA10	16870.-	3KL8231-4TA10	20825.-	1
	BS	3KL8231-5TJ10	17000.-	3KL8231-4TJ10	20960.-	1
200A	DIN	3KL8311-5UA10	24325.-	3KL8311-4UA10	33995.-	1
	BS	3KL8311-5UJ10	24515.-	3KL8311-4UJ10	34775.-	1
250A	DIN	3KL8321-5UA10	27580.-	3KL8321-4UA10	36200.-	1
	BS	3KL8321-5UJ10	27770.-	3KL8321-4UJ10	36450.-	1
315A	DIN	3KL8331-5UA10	32805.-	3KL8331-4UA10	43085.-	1
	BS	3KL8331-5UJ10	32985.-	3KL8331-4UJ10	43300.-	1
400A	DIN	3KL8341-5UA10	37840.-	3KL8341-4UA10	48310.-	1
	BS	3KL8341-5UJ10	38325.-	3KL8341-4UJ10	48515.-	1
500A	DIN	3KL8411-5UA10	56350.-	3KL8411-4UA10	71050.-	1
	BS	3KL8411-5UJ10	56520.-	3KL8411-4UJ10	71820.-	1
630A	DIN	3KL8421-5UA10	59325.-	3KL8421-4UA10	75450.-	1
	BS	3KL8421-5UJ10	59495.-	3KL8421-4UJ10	75675.-	1
800A <sup>§</sup>	DIN	3KL8431-5UA10	63685.-	3KL8431-4UA10	81005.-	1
	BS	3KL8431-5UJ10	63850.-	3KL8431-4UJ10	81215.-	1



## 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	5115.-	1
200A-400A	3KX8345-4AC	6805.-	1
500A-800A	3KX8435-4AC <sup>1)</sup>	11155.-	1
200A-800A	3KX8435-4AG <sup>#2)</sup>	19155.-	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

Notes:

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

3KL8: Unit MRPs are without fuses

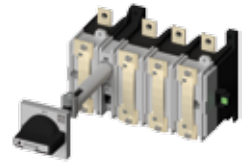
3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

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 from page no. 47

# 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>	3380.-	3KA8151-5TE00	4075.-	3KA8151-4TE00	5800.-	1
100A	-	-	3KA8171-5TE00	6345.-	3KA8171-4TE00	11665.-	1
100A	3KA8211-2TE00	5920.-	3KA8211-5TE00	8065.-	3KA8211-4TE00	13490.-	1
125A	3KA8221-2TE00	7430.-	3KA8221-5TE00	9260.-	3KA8221-4TE00	14490.-	1
160A	3KA8231-2TE00	9900.-	3KA8231-5TE00	12050.-	3KA8231-4TE00	18255.-	1
200A	3KA8311-2UE00	12590.-	3KA8311-5UE00	15560.-	3KA8311-4UE00	21185.-	1
250A	3KA8321-2UE00	13775.-	3KA8321-5UE00	16435.-	3KA8321-4UE00	26025.-	1
400A	3KA8341-2UE00	19110.-	3KA8341-5UE00	24300.-	3KA8341-4UE00	35470.-	1
630A <sup>5</sup>	3KA842□-2UE00	30650.-	3KA842□-5UE00	38570.-	3KA842□-4UE00	50775.-	1
800A <sup>5</sup>	3KA843□-2UE00	31985.-	3KA843□-5UE00	39805.-	3KA843□-4UE00	58265.-	1
1000A <sup>5</sup>	3KA844□-2UE00	42800.-	3KA844□-5UE00	57175.-	3KA844□-4UE00	71800.-	1
1250A <sup>5</sup>	3KA845□-2UE00	56275.-	3KA845□-5UE00	74170.-	3KA845□-4UE00	86315.-	1
1600A <sup>5</sup>	3KA846□-2UE00	64905.-	3KA846□-5UE00	82090.-	3KA846□-4UE00	116250.-	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>	335.-	3KX8230-0JF	815.-	3KX8340-0AF	1195.-	3KX8430-0JF	1690.-	1				
		BS			3KX8230-0HF	815.-			3KX8430-0HF	1690.-	1				
	3P	DIN			3KX8230-0JE	815.-			3KX8340-0AE	1195.-	3KX8430-0JE	1690.-	1		
		BS			3KX8230-0HE	815.-					3KX8430-0HE	1690.-	1		
	4P	DIN			3KX8230-0JG	815.-					3KX8340-0AG	1195.-	3KX8430-0JG	1690.-	1
		BS			3KX8230-0HG	815.-							3KX8430-0HG	1690.-	1
Terminal cover (1set = 2pieces)	2P	-	3KX8151-0AE	165.-	3KX8231-0AF	690.-	3KX8341-0AF	1305.-					3KX8431-0AF	1530.-	1
	3P	-			3KX8231-0AE	690.-	3KX8341-0AE	1305.-					3KX8431-0AE	1530.-	1
	4P	-	3KX8151-0AG	600.-	3KX8231-0AG	690.-	3KX8341-0AG	1305.-	3KX8431-0AG	1530.-			1		
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	65.-	3KX8153-0AE (DIN)	65.-	3KX8343-0AE	210.-	3KX8433-0AE	315.-			1		
					3KX8233-0JE (BS)	65.-					1				
Fuse cover phase barrier kit <sup>3)</sup>			-	-	-	-	3KX8340-9AE	665.-	3KX8440-9AE	665.-	1				
Auxiliary switch (1NO+1NC)			3SB5400-0A* <sup>6</sup>	250.-	3KX3522-1YC	1005.-	3KX3552-1YC	1210.-	3KX3582-1YC	1460.-	1				
Auxiliary switch (2NO+2NC)			-	-	3KX3522-1YD	1810.-	3KX3552-1YD	2615.-	3KX3582-1YD	2825.-	1				
Auxiliary switch cover			3KX8154-0AC	115.-	3KX8234-0AC	115.-	-	-	-	-	1				
Front drive (Handle)			8UC6114-1BB00	1240.-	8UC6214-1BB00	1400.-	8UC6314-1BB00	2115.-	8UC6414-1BB00	3090.-	1				
Operating shaft (300mm)			8UC60-31	345.-	8UC60-32	415.-	8UC60-34	805.-	8UC60-34	805.-	1				
Castell interlock <sup>1)</sup>			8UC6070-0YQ..	6470.-	8UC6070-1YQ..	6470.-	8UC6070-2YQ..	6645.-	8UC6070-2YQ..	6645.-	1				
Depth setting template			8UC6046-2	70.-	8UC6046-2	70.-	8UC6046-2	70.-	8UC6046-2	70.-	1				
Fuse Monitor with auxiliary switch <sup>4)</sup> (1NO+1NC)			3RV1611-0BD10	10475.-	3RV1611-0BD10	10475.-	3RV1611-0BD10	10475.-	3RV1611-0BD10	10475.-	1				
			3RV2901-1E	1380.-	3RV2901-1E	1380.-	3RV2901-1E	1380.-	3RV2901-1E	1380.-	1				
Fuse safety barrier			3KX8150-1AC	175.-	3KX8230-1AC	230.-	-	-	-	-	1				
Gland box with gland plate (1no.)			3KX8235-4DC	5930.-	3KX8235-4DC	5930.-	3KX8345-4DC	8185.-	3KX8435-4DC	12470.-	1				
									3KX8435-4DG <sup>4)</sup>	20405.-	1				
Gland plate			3KX8235-4GC	1255.-	3KX8235-4GC	1255.-	3KX8345-4GC	1635.-	3KX8435-4GC	1810.-	1				
									3KX8435-4GG <sup>4)</sup>	1830.-	1				

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

2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF

4) Accessory for 4-pole SDF with enclosure type 3KL83 & 3KL84 and SS enclosure type 3KX8435-4AG

5) Also, suitable for SDF with cylindrical type HRC fuses

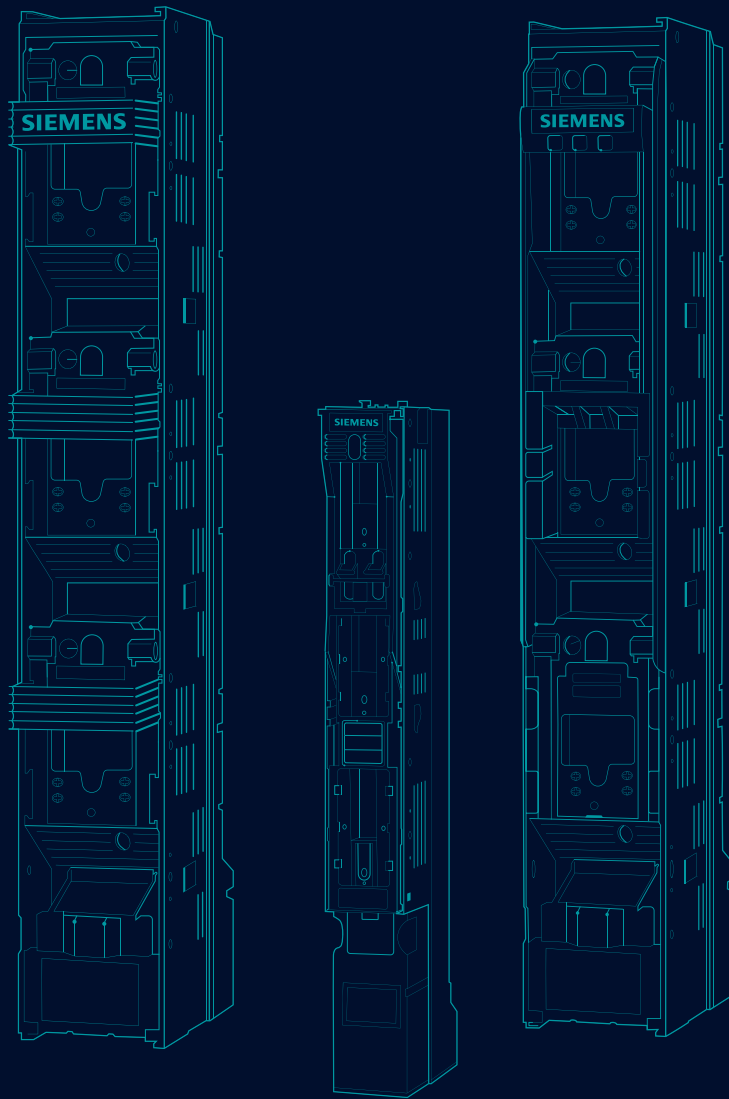
Note: The above accessories e.g. Fuse Cover, Terminal Cover, Phase barrier, Fuse cover phase barrier kit & Front Drive (handle) are unique (different) and not to be used along with MLFB 3KL8...-3.A00, 3KL8...-3.J00, 3KL8...-3.C00

Std. Pkg. = 1 unit

\* MRP - Maximum Retail Price

^ - List Price

# - Std. pkg. = 10



# 3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

## Product Features:

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

## Applications:

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

**SIEMENS**



# 3NJ4 Fuse Switch Disconnectors

## Safe. Flexible. Efficient



### Overview :

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

### 3NJ4 Fuse Switch Disconnectors

Rated Current (A)	Switchable poles	Busbar center-to-center spacing	Fuse size (DIN type HRC fuse)	Connection	Type	Unit LP* ₹
160	1	185mm	NH00/NH000	M8 flat terminal	3NJ4101-3BF01-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	3NJ4912-1AA00-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	4685.-
				3	3NP1123-1CA20	8515.-
				4	3NP1124-1CA20	14865.-
160 <sup>2)</sup>	00	000,00	Flat	1	3NP1131-1CA10	4935.-
				3	3NP1133-1CA10	8905.-
				4	3NP1134-1CA10	15490.-
250 <sup>2)</sup>	1	00,1	Flat	1	3NP1141-1DA10	14370.-
				3	3NP1143-1DA10	26055.-
				4	3NP1144-1DA10	42720.-
400 <sup>2)</sup>	2	1,2	Flat	1	3NP1151-1DA10	19765.-
				3	3NP1153-1DA10	35705.-
				4	3NP1154-1DA10	57785.-
630 <sup>2)</sup>	3	2,3	Flat	1	3NP1161-1DA10	26305.-
				3	3NP1163-1DA10	47845.-
				4	3NP1164-1DA10	76670.-



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	16415.-
				3	3NP1123-1CA24	25410.-
160 <sup>2)</sup>	00	000,00	Flat	1	3NP1131-1CA14	15675.-
				3	3NP1133-1CA14	25640.-
250 <sup>2)</sup>	1	00,1	Flat	1	3NP1141-1DA14	26085.-
				3	3NP1143-1DA14	42720.-
400 <sup>2)</sup>	2	1,2	Flat	1	3NP1151-1DA14	31705.-
				3	3NP1153-1DA14	52835.-
630 <sup>2)</sup>	3	2,3	Flat	1	3NP1161-1DA14	38230.-
				3	3NP1163-1DA14	64535.-



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



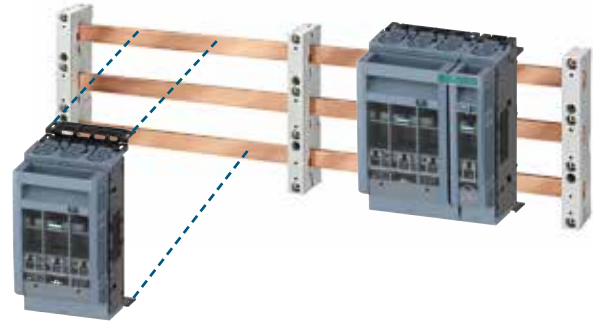
## 3NP1 mounting on 8US busbar

### 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	12605.-
				4	3NP1124-1BC20	20995.-
160 <sup>2)</sup>	00	00	Flat	3	3NP1133-1BC10	13525.-
				4	3NP1134-1BC10	22625.-
250 <sup>2)</sup>	1	1	Flat	3	3NP1143-1BC10	43130.-
				4	3NP1144-1BC10	67225.-
400 <sup>2)</sup>	2	2	Flat	3	3NP1153-1BC10	55740.-
				4	3NP1154-1BC10	87460.-
630 <sup>2)</sup>	3	3	Flat	3	3NP1163-1BC10	70750.-
				4	3NP1164-1BC10	112230.-

8US busbar system



## Accessories for 3NP1

### Auxillary contact (1CO type)



3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	1960.-
00	3NP1930-1FA00	1960.-
1,2,3	3NP1940-1FA00	2135.-

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



3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	2470.-
		3	3NP1923-1BD00	5525.-

### 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□	3695.-
	25	9.5	3LD2103-0TK5□	4085.-
	32	11.5	3LD2203-0TK5□	4560.-
	63	22	3LD2504-0TK5□	7800.-
	100	37	3LD2704-0TK5□	11825.-
	125	45	3LD2804-0TK5□	15075.-
	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□	3295.-
	25	9.5	3LD2122-0TK1□	3620.-
	32	11.5	3LD2222-0TK1□	4390.-

□ - 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	8095.-
	32	11.5	3LD2223-7UK01	8855.-
	63	22	3LD2524-7UK01	14645.-
	100	37	3LD2724-7UK01	27230.-
	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	12960.-
	32	11.5	3LD22657UB01	14730.-
	63	22	3LD25667UB01	31955.-
	100	37	3LD27667UB01	55060.-

## 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□	5920.-
	25	9.5	3LD2113-0TK5□	6570.-
	32	11.5	3LD2213-0TK5□	7245.-
	63	22	3LD2514-0TK5□	8690.-
	100	37	3LD2714-0TK5□	14275.-
	125	45	3LD2814-0TK5□	17830.-
	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□	5265.-
	25	9.5	3LD2164-0TB5□	5710.-
	32	11.5	3LD2264-0TB5□	6785.-
	63	22	3LD2565-0TB5□	11235.-
	100	37	3LD2766-0TB5□	25535.-
	125	45	3LD2866-0TB5□	46215.-

□ - 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	1665.-	1		
		3LD25 (63A)	3LD9250-0BA	2445.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD9280-0B	3030.-	1		
		3LD23 (160A) and 3LD24 (250A)	3LD9240-0B	POR	1		
	N or PE terminal Continuous	3LD20 (16A)	3LD9200-2B	1115.-	1		
		3LD21 (25A) and 3LD22 (32A)	3LD9220-2B	1270.-	1		
		3LD25 (63A)	3LD9250-2BA	1670.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD9280-2B	2030.-	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	1850.-	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	1665.-	1
			3LD25 (63A)	3LD9250-0CA	2445.-	1	
3LD27 (100A) and 3LD28 (125A)	3LD9280-0C		3030.-	1			
3LD23 (160A) and 3LD24 (250A)	3LD9240-0C		POR	1			
N or PE terminal Continuous	3LD20 (16A)	3LD9200-2C	1505.-	1			
	3LD21 (25A) and 3LD22 (32A)	3LD9220-2C	1270.-	1			
	3LD25 (63A)	3LD9250-2CA	1670.-	1			
	3LD27 (100A) and 3LD28 (125A)	3LD9280-2C	2030.-	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	1755.-	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	565.-	4	
		3 pole	3LD21 (25A) and 3LD22 (32A)	3LD9221-0A	530.-	4	
3 pole		3LD25 (63A)	3LD9251-0A	590.-	4		
1 pole		3LD27 (100A) and 3LD28 (125A)	3LD9281-2A	285.-	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	3245.-	10
		30	3LA0601-1YB	7525.-	5
	System selector	5.5	3LA0202-1YA	3700.-	10
		30	3LA0602-1YB	10525.-	5
	Reversing	5.5	3LA0203-1YA	3700.-	10
		30	3LA0603-1YB	10525.-	5
	Star-delta	12	3LA0204-5YA	5215.-	10
		30	3LA0604-1YB	14330.-	5
	2 speed pole changing i) Separate windings ii) Dahlander	5.5	3LA0205-2YA	3700.-	10
		5.5	3LA0205-1YA	4980.-	10
5.5		3LA0205-3YA	7155.-	10	
Reversing pole changing	5.5	3LA0205-3YA	7155.-	10	

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



Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	200.-	10
Machine handle – Black	3LX0 611-2YA	530.-	10
Indicating dial for size 2	3LX0 220-1YA	150.-	10
Indicating dial for size 6	3LX0 620-1YA	150.-	10
Catching lever for the drive mechanism of size 2 switch (2 nos. reqd. per switch)	3LY0 220-2YA	150.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	140.-	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	2220.-	10
	63	52	3LA0605-1YB	5340.-	5
4	25	16	3LA0205-5YA	3700.-	10
	63	52	3LA0605-2YB	9735.-	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  
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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

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

**SIEMENS**



## 3LD4 Control Switches

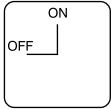
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

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



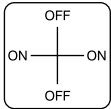
## ON OFF Switches

### 90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1AA00-ORCO	1 Pole	205.-	390.-	465.-	490.-	510.-	630.-	800.-	935.-	4885.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	260.-	445.-	530.-	590.-	615.-	730.-	960.-	1200.-	6105.-	
3LD4 ___ 3AA00-ORCO	3 Pole	285.-	530.-	620.-	675.-	800.-	895.-	1120.-	1605.-	7515.-	
3LD4 ___ 4AA00-ORCO	4 Pole	350.-	570.-	665.-	805.-	985.-	1060.-	1285.-	1935.-	8800.-	

### 90° Operation with complete rotation

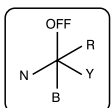
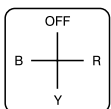


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	200.-	390.-	465.-	490.-	495.-	620.-	795.-	930.-	4885.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	260.-	445.-	530.-	590.-	615.-	730.-	960.-	1200.-	6105.-	
3LD4 ___ 3BC00-ORCO	3 Pole	285.-	530.-	620.-	675.-	800.-	895.-	1120.-	1605.-	7515.-	
3LD4 ___ 4BC00-ORCO	4 Pole	350.-	570.-	665.-	805.-	985.-	1060.-	1285.-	1935.-	8800.-	

\* 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)



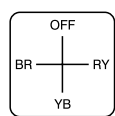
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RCO	430.-	1
	10A	3LD41024DC200RCO	515.-	
	16A	3LD41034DC200RCO	655.-	
	20A	3LD41044DC200RCO	735.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RCO	425.-	
	10A	3LD41024DD200RCO	510.-	
	16A	3LD41034DD200RCO	645.-	
	20A	3LD41044DD200RCO	815.-	



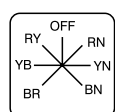
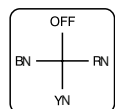
\* LP - List Price

# 3LD4 Control Switches

## Voltmeter Selector Switch (VSS)

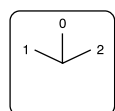


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	315.-	1
	10A	3LD41024DC300RC0	465.-	
	16A	3LD41034DC300RC0	595.-	
	20A	3LD41044DC300RC0	675.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	555.-	
	10A	3LD41024DC310RC0	630.-	
	16A	3LD41034DC310RC0	805.-	
	20A	3LD41044DC310RC0	890.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	555.-	
	10A	3LD41024DF300RC0	935.-	
	16A	3LD41034DF300RC0	1115.-	
	20A	3LD41044DF300RC0	1210.-	



## Changeover Switch

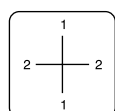
### With OFF (60°)



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	260.-	480.-	590.-	605.-	620.-	685.-	930.-	1260.-	6310.-	1
3LD4 ___ 2BB10-ORCO	2P 2W	350.-	590.-	665.-	785.-	835.-	980.-	1270.-	1910.-	9235.-	
3LD4 ___ 3BB10-ORCO	3P 2W	430.-	730.-	890.-	1095.-	1265.-	1365.-	1605.-	2570.-	11950.-	
3LD4 ___ 4BB10-ORCO	4P 2W	530.-	805.-	1025.-	1340.-	1685.-	1770.-	1965.-	3250.-	15240.-	

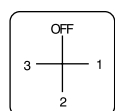


### Without OFF (90°)



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	260.-	480.-	590.-	595.-	620.-	685.-	930.-	1260.-	6310.-	1
3LD4 ___ 2PC10-ORCO	2P 2W	350.-	590.-	665.-	785.-	835.-	980.-	1270.-	1910.-	9235.-	
3LD4 ___ 3PC10-ORCO	3P 2W	430.-	730.-	890.-	1095.-	1265.-	1365.-	1605.-	2570.-	11950.-	
3LD4 ___ 4PC10-ORCO	4P 2W	530.-	805.-	1025.-	1340.-	1685.-	1770.-	1965.-	3250.-	15240.-	

## 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	315.-	425.-	495.-	590.-	595.-	740.-	1085.-	1215.-	5190.-	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

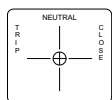
### Breaker Control Switch

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

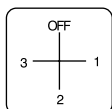


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	1740.-	1
	32A	3LD4206-2BB50-ORCO	2050.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	2095.-	
	32A	3LD4206-4BB50-ORCO	2445.-	

### Multistep Switch

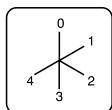


#### Multistep 3 Way with OFF



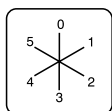
Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1CC40-ORCO	1P 3W	315.-	530.-	615.-	630.-	665.-	745.-	1060.-	1200.-	6470.-	1	
3LD4 ___2CC40-ORCO	2P 3W	430.-	620.-	745.-	890.-	1020.-	1090.-	1570.-	1765.-	9505.-		
3LD4 ___3CC40-ORCO	3P 3W	620.-	825.-	1260.-	1350.-	1505.-	1640.-	2090.-	2735.-	12430.-		
3LD4 ___4CC40-ORCO	4P 3W	795.-	1065.-	1530.-	1675.-	1875.-	2065.-	2805.-	3265.-	15695.-		

#### 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	355.-	470.-	890.-	965.-	1065.-	1185.-	1345.-	1825.-	5725.-	1	
3LD4 ___2DD40-ORCO	2P 4W	620.-	895.-	1050.-	1080.-	1125.-	1305.-	1685.-	2130.-	8340.-		
3LD4 ___3DD40-ORCO	3P 4W	865.-	1205.-	1670.-	1750.-	1875.-	2150.-	2875.-	3265.-	22970.-		

#### Multistep 5 Way with OFF

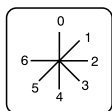


Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1EE40-ORCO	1P 5W	405.-	755.-	1025.-	1155.-	1335.-	1350.-	1670.-	1950.-	5745.-	1	
3LD4 ___2EE40-ORCO	2P 5W	730.-	1170.-	1355.-	1570.-	1820.-	2130.-	2195.-	2740.-	8335.-		

\* LP - List Price

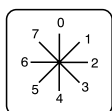
# Multistep Switch

## Multistep 6 Way with OFF



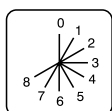
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-ORCO	1P 6W	525.-	850.-	985.-	1085.-	1185.-	1385.-	1420.-	2300.-	1
3LD4 ___ 2FF40-ORCO	2P 6W	865.-	1270.-	1430.-	1615.-	1825.-	2210.-	2825.-	3690.-	

## Multistep 7 Way with OFF



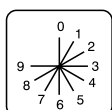
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-ORCO	1P 7W	530.-	875.-	1080.-	1180.-	1350.-	1415.-	1470.-	2285.-	1

## Multistep 8 Way with OFF



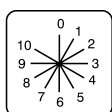
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	600.-	740.-	1060.-	1230.-	1

## Multistep 9 Way with OFF



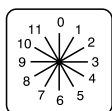
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	620.-	900.-	1095.-	1305.-	1

## 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	730.-	955.-	1470.-	1975.-	1

## Multistep 11 Way with OFF



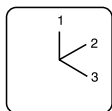
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORCO	1P 11W	865.-	1035.-	1615.-	2130.-	1

\* 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

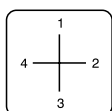


## Multistep 3 Way without OFF



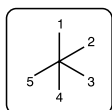
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORCO	1P 3W	295.-	510.-	620.-	630.-	785.-	810.-	1255.-	1415.-	5310.-	1
3LD4 ___ 2QB40-ORCO	2P 3W	430.-	770.-	875.-	960.-	1030.-	1060.-	1570.-	1855.-	9505.-	
3LD4 ___ 3QB40-ORCO	3P 3W	620.-	960.-	1305.-	1395.-	1505.-	1640.-	2300.-	2735.-	10210.-	
3LD4 ___ 4QB40-ORCO	4P 3W	795.-	1065.-	1510.-	1715.-	1905.-	2025.-	4465.-	4930.-	10945.-	

## Multistep 4 Way without OFF



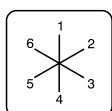
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-ORCO	1P 4W	340.-	555.-	755.-	815.-	940.-	985.-	1355.-	1895.-	6470.-	1
3LD4 ___ 2RC40-ORCO	2P 4W	480.-	800.-	890.-	1025.-	1115.-	1215.-	1640.-	2130.-	9990.-	
3LD4 ___ 3RC40-ORCO	3P 4W	655.-	785.-	1415.-	1565.-	1770.-	1965.-	2140.-	2855.-	13170.-	

## Multistep 5 Way without OFF



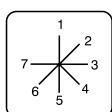
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-ORCO	1P 5W	405.-	585.-	810.-	930.-	1060.-	1305.-	1670.-	2135.-	5715.-	1
3LD4 ___ 2SD40-ORCO	2P 5W	730.-	985.-	1115.-	1430.-	1675.-	1805.-	2315.-	2935.-	8215.-	

## 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	425.-	525.-	1020.-	1085.-	1185.-	1350.-	1575.-	2000.-	9505.-	1
3LD4 ___ 2TE40-ORCO	2P 6W	825.-	1000.-	1365.-	1715.-	2100.-	2155.-	2195.-	2800.-	18965.-	

## Multistep 7 Way without OFF

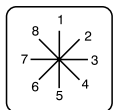


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1UF40-ORCO	1P 7W	525.-	665.-	770.-	1065.-	1405.-	1410.-	1685.-	2505.-	1	

\* LP - List Price

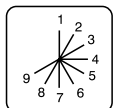
# Multistep Switch

## Multistep 8 Way without OFF



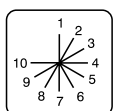
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	530.-	1045.-	1150.-	1230.-	1

## Multistep 9 Way without OFF



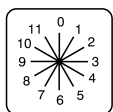
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	620.-	1080.-	1830.-	2270.-	1

## Multistep 10 Way without OFF



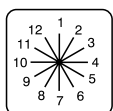
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	665.-	1100.-	2025.-	2735.-	1

## 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	690.-	1125.-	2180.-	2880.-	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	755.-	1150.-	2270.-	2915.-	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

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



**SIEMENS**

# Energy Management System

## (A) Hardware Solutions

### Complete Range of Power Monitoring Devices for LV Networks



#### PAC 3120: Cost Effective Solution for digital measurement

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

#### PAC 3220: Specialist solution for precise energy data capture

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

#### PAC 4200: Professional solution for communication and monitoring

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

Description	Type	Unit LP* ₹
PAC 3120 with integrated RS 485 port for MODBUS RTU Class 0.5 accuracy, screw terminals AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	7KM3120-0BA01-1DA0#	60370.-
PAC 3220 with integrated dual ethernet port for MODBUS TCP Class 0.5 accuracy, screw terminals With AC/DC wide voltage power supply 100 ... 250 V ±10% 50/60Hz	7KM3220-0BA01-1DA0#	82475.-
PAC 4200 with integrated ethernet port for MODBUS TCP Class 0.2s accuracy, screw terminals With AC/DC wide voltage power supply 95...240V AC ±10%, 50/60Hz, 110...340V DC ±10%	7KM4212-0BA00-3AA0#	POR

#### Expansion Modules (for PAC3220 and PAC4200)

Description	Type	Unit LP * ₹
PROFIBUS DP expansion module	7KM9300-0AB01-0AA0	29445.-
RS485 expansion module for MODBUS RTU	7KM9300-0AM00-0AA0	22740.-
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 PAC 4200

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MODBUS RTU



PROFINET



PROFIBUS DP



I(N), I(Diff), Analog



PAC 4DI/2DO







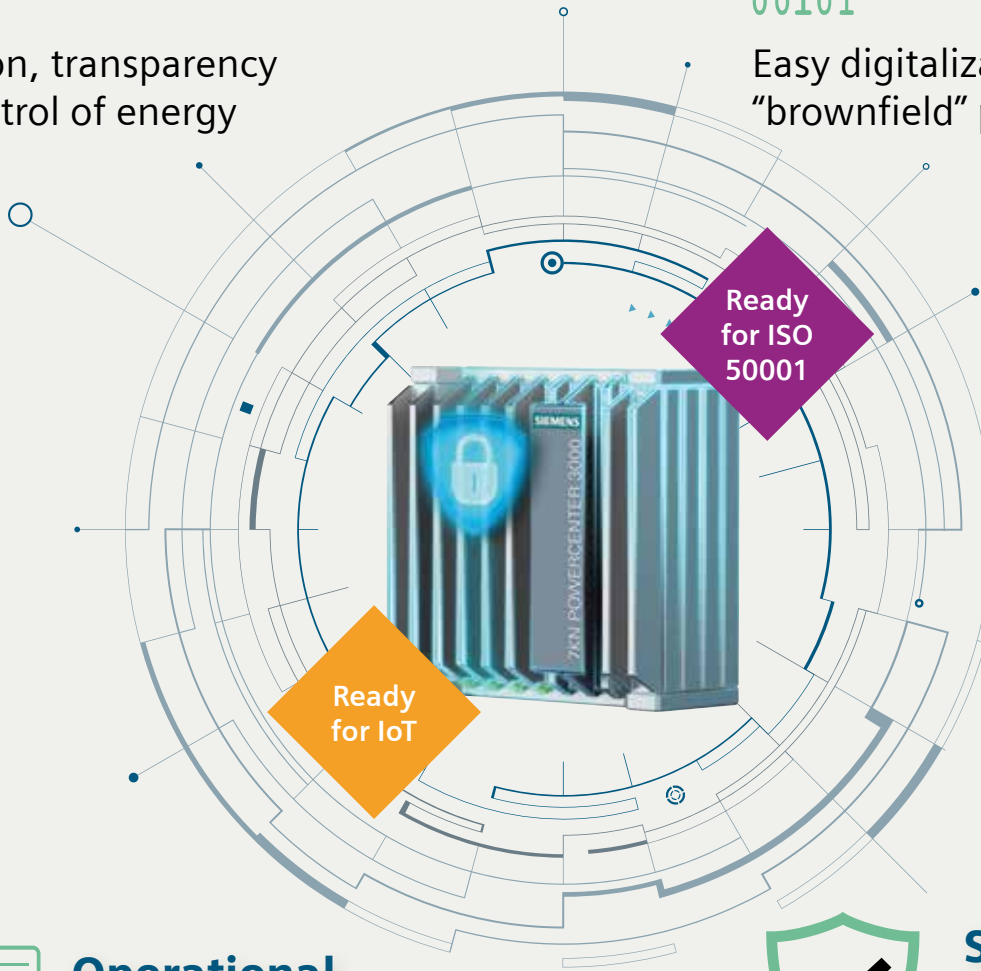
## Energy management

Detection, transparency and control of energy flows

101 0  
1 11101  
0011011  
10101  
00101

## Adaptability to Industry 4.0

Easy digitalization of "brownfield" projects



## Operational flexibility

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



## Safety through reliability

Identifying potential outages at an early stage enable preventing them

# SENTRON Powercenter 3000

Gateway to the digitalization of low-voltage power distribution

Siemens/SENTRON-Digitalization

# SIEMENS



IoT-Cloud apps and remote monitoring

→ "Cloud / apps"



Connectivity and on-premise monitoring

→ "Software / gateway"



Field devices and sensors

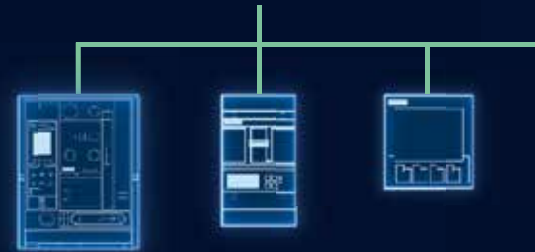
→ "Things"



**SENTRON**  
Powermind



7KN Powercenter 3000



3WA

3VA

7KM PAC3220

# SENTRON Digitalization Solution

## Intelligent power distribution management

**Secure. Scalable. Customizable.**

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



On-site or cloud-based data visualization and analysis



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



Energy transparency and efficiency without compromising security



Reduce unplanned downtime with condition monitoring

**Siemens/SENTRON-Digitalization**

# Insights Hub



Watts



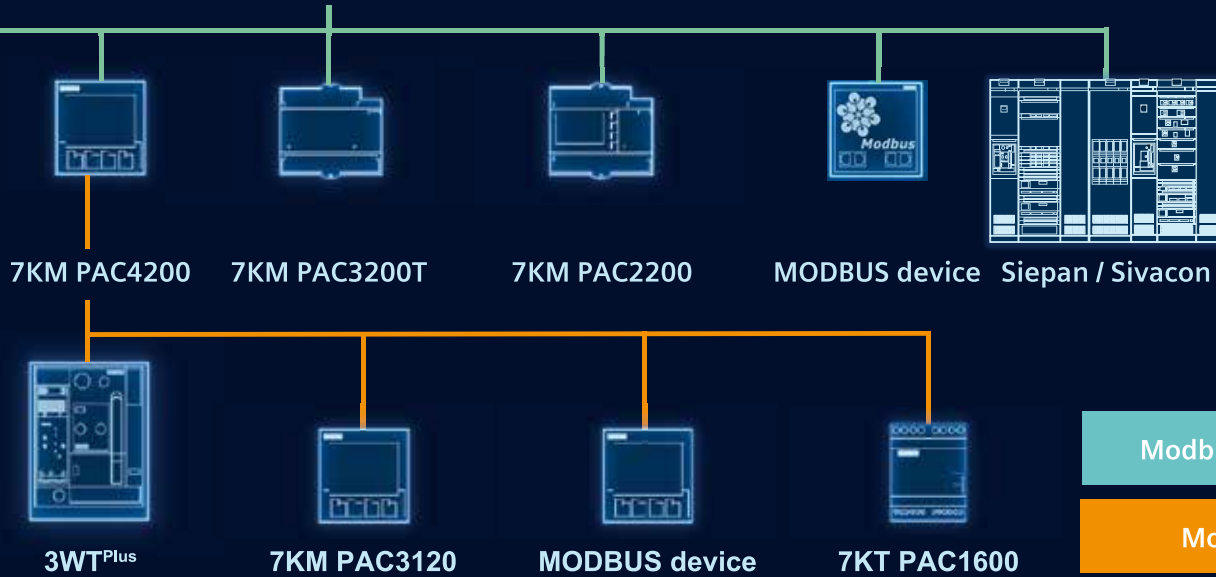
SENTRON  
powermanager



SENTRON  
powerconfig



Adaptive  
web interface

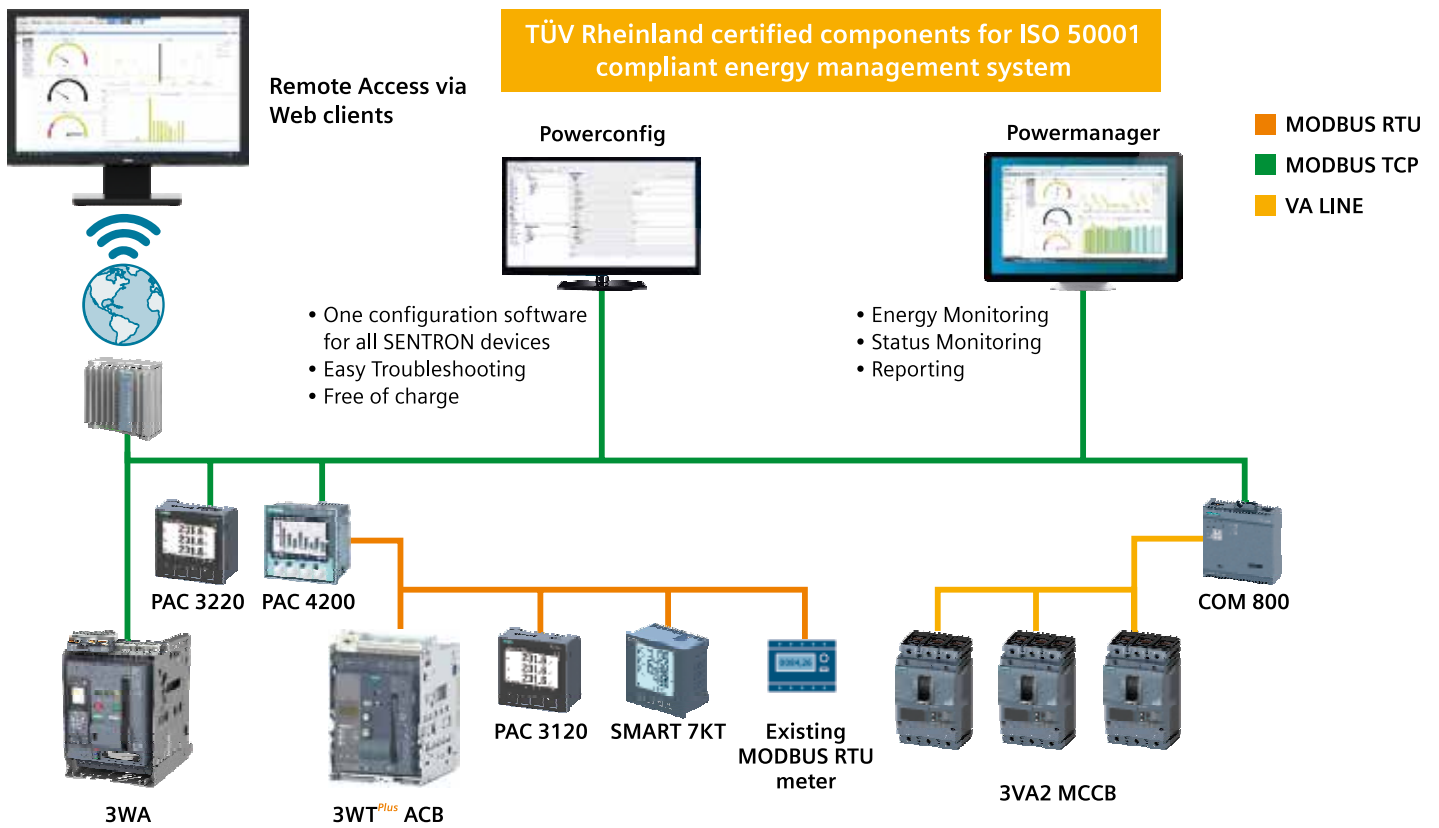


Scan to  
explore



# SIEMENS

# Single Platform For Intelligent Power Distribution Management



Energy Management System



## Power Quality Measurement

### SENTRON 7KM PAC 5200

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

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

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

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

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

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price

### PAC 2200 and PAC 3200T:

Reliable and Easy energy monitoring for DIN rail Applications

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



Energy Management System

# SENTRON 7KT PAC 1600 DIN Rail mounted compact Energy Meters

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

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



# 7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

## Current Sensors

- Versions: 40 A, 63 A

## Sensor Bar

- Versions available for 3, 6, 9, 12

## Data Manager

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

## Communication/ Software:

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

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

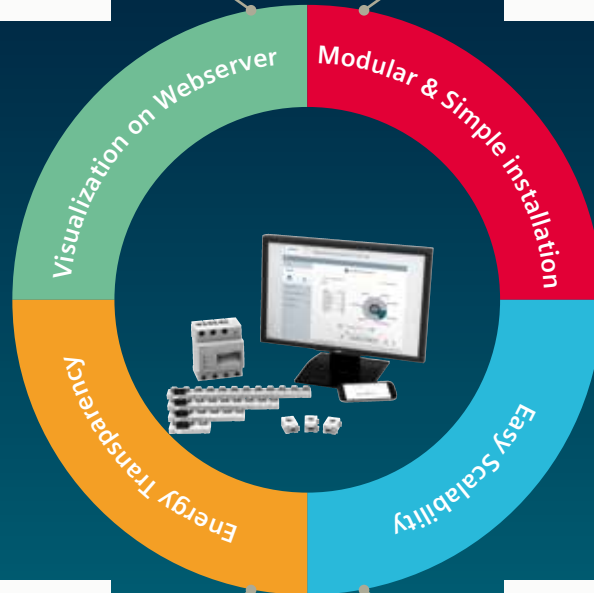
[www.siemens.com/powermonitoring](http://www.siemens.com/powermonitoring)

**SIEMENS**

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

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

**fast**



plug  
and  
play

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

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



Easy



Transparent



Cost-efficient



for more  
info scan  
QR code



# SMART 7KT

## Power Monitoring Devices

Expanding the reach of technology

**SIEMENS**



SMART 7KT

# Power Monitoring Devices

## SMART 7KT Discrete Panel Meter

Accurate and easy visualization for all the basic measurements

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



Description	Type	Unit LP ₹
VAF meter	7KT0120	3955.-
VA meter	7KT0110	3625.-
3 phase energy meter	7KT0210	7875.-

## SMART 7KT Multi Function Meter

Broad range of uses in industry and infrastructure

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



Description	Type	Unit LP ₹
LCD Class 0.5s	7KT0311	21270.-
LCD Class 1	7KT0310	17770.-
Multi-line LED Class 1	7KT0308	13230.-
Single-line LED Class 1	7KT0307	8820.-

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price

Power Monitoring Devices



for more info scan QR code

## SMART 7KT Discrete DIN Meters

NEW

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	5250.-

## SMART 7KT DC Energy Meter

NEW

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	24000.-
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	850.-
External Shunt for DC meter/ 100A/60mV	7KT0922	1060.-
External Shunt for DC meter/ 100A/75mV	7KT0923	1060.-
External Shunt for DC meter/ 150A/75mV	7KT0924	1315.-
External Shunt for DC meter/ 200A/60mV	7KT0925	2340.-

POR: Price On Request

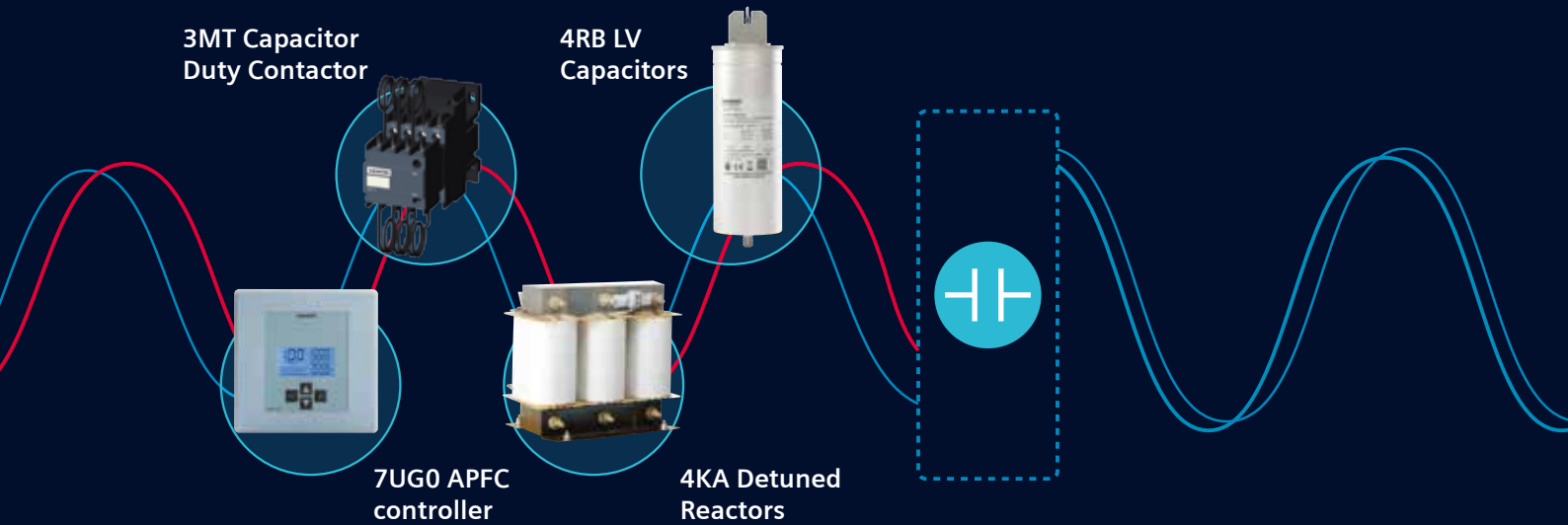
Std. Pkg. = 1 unit

\* LP - List Price



for more info  
scan QR code

# Power Factor Correction



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

**SIEMENS**

# SIECAP™ LV Power Capacitors



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

- High pulse current withstand capability (upto 200.I<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	3090.-	1
	6	4RB2060-3EE52-8K	3090.-	1
	7	4RB2070-3EE52-8K	3385.-	1
	7.5	4RB2075-3EE52-8K	3635.-	1
	8.3	4RB2083-3EE52-8K	4020.-	1
	9	4RB2090-3EE52-8K	4350.-	1
	10	4RB2100-3EE52-8K	4845.-	1
	12.5	4RB2125-3EE52-8K	5230.-	1
	15	4RB2150-3EE52-8K	6270.-	1
	16.7	4RB2167-3EE52-8K	6965.-	1
	20	4RB2200-3EE52-8K	8335.-	1
	20.8	4RB2208-3EE52-8K	8685.-	1
	25	4RB2250-3EE52-8K	10440.-	1
	28	4RB2280-3EE52-8K	11685.-	1
30	4RB2300-3EE52-8K	12530.-	1	

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2845.-	1
	5.5	4RB2055-3EJ52-8K	3150.-	1
	8.3	4RB2083-3EJ52-8K	4200.-	1
	10.4	4RB2104-3EJ52-8K	5260.-	1
	11.1	4RB2111-3EJ52-8K	5365.-	1
	12.5	4RB2125-3EJ52-8K	5500.-	1
	13.8	4RB2138-3EJ52-8K	6070.-	1
	15	4RB2150-3EJ52-8K	6595.-	1
	16.7	4RB2167-3EJ52-8K	7335.-	1
	20.8	4RB2208-3EJ52-8K	9145.-	1
	25	4RB2250-3EJ52-8K	10985.-	1
	27.7	4RB2277-3EJ52-8K	12175.-	1
	30	4RB2300-3EJ52-8K	13190.-	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.

Power Factor Correction



Std. Pkg. = 1 unit

\* LP - List Price

# SIECAP™ LV Power Capacitors

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

- High pulse current withstand capability (up to  $250 \cdot I_N$ )
- 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	3790.-	1
	7.5	4RB2075-3EB53-8K	5035.-	1
	10.4	4RB2104-3EB53-8K	6990.-	1
	12.5	4RB2125-3EB53-8K	7580.-	1
	15	4RB2150-3EB53-8K	9105.-	1
	20	4RB2200-3EB53-8K	12135.-	1
	25	4RB2250-3EB53-8K	15165.-	1
440	5	4RB2050-3EE53-8K	3905.-	1
	7.5	4RB2075-3EE53-8K	5035.-	1
	10	4RB2100-3EE53-8K	6715.-	1
	12.5	4RB2125-3EE53-8K	7580.-	1
	15	4RB2150-3EE53-8K	9105.-	1
	20	4RB2200-3EE53-8K	12135.-	1
	25	4RB2250-3EE53-8K	15165.-	1
	28.1	4RB2281-3EE53-8K	17035.-	1
	30	4RB2300-3EE53-8K	18190.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	3905.-	1
	6.3	4RB2063-3EJ53-8K	4370.-	1
	8.3	4RB2083-3EJ53-8K	5755.-	1
	10.4	4RB2104-3EJ53-8K	6540.-	1
	11	4RB2110-3EJ53-8K	6920.-	1
	12.5	4RB2125-3EJ53-8K	7855.-	1
	13.8	4RB2138-3EJ53-8K	8675.-	1
	15	4RB2150-3EJ53-8K	9425.-	1
	16.7	4RB2167-3EJ53-8K	10490.-	1
	18.7	4RB2187-3EJ53-8K	11745.-	1
	20	4RB2200-3EJ53-8K	12575.-	1
	22	4RB2220-3EJ53-8K	13815.-	1
	25	4RB2250-3EJ53-8K	15700.-	1
	28.1	4RB2281-3EJ53-8K	17650.-	1
	30	4RB2300-3EJ53-8K	18835.-	1
525	5	4RB2050-3FC53-8K	4025.-	1
	6.3	4RB2063-3FC53-8K	4515.-	1
	8.3	4RB2083-3FC53-8K	5940.-	1
	10.4	4RB2104-3FC53-8K	6755.-	1
	12.5	4RB2125-3FC53-8K	8130.-	1
	13.2	4RB2132-3FC53-8K	8585.-	1
	15	4RB2150-3FC53-8K	9745.-	1
	16.7	4RB2167-3FC53-8K	10870.-	1
	20	4RB2200-3FC53-8K	12995.-	1
	25	4RB2250-3FC53-8K	16245.-	1
	26.5	4RB2265-3FC53-8K	17220.-	1
	30	4RB2300-3FC53-8K	19500.-	1
	33.1	4RB2331-3FC53-8K	21505.-	1

Power Factor Correction



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Std. Pkg. = 1 unit

\* LP - List Price

# SIECAP™ LV Power Capacitors



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

- High pulse current withstand capability (upto 500.I<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	4320.-	1
	6.3	4RB1063-3EB50-8K	4830.-	1
	7.5	4RB1075-3EB50-8K	5750.-	1
	10.4	4RB1104-3EB50-8K	7975.-	1
	12.5	4RB1125-3EB50-8K	8655.-	1
	15	4RB1150-3EB50-8K	10390.-	1
	20	4RB1200-3EB50-8K	13855.-	1
	25	4RB1250-3EB50-8K	17320.-	1
	28.1	4RB1281-3EB50-8K	19450.-	1
	30	4RB1300-3EB50-8K	20780.-	1
440	5	4RB1050-3EE50-8K	4455.-	1
	7.5	4RB1075-3EE50-8K	5750.-	1
	10	4RB1100-3EE50-8K	7670.-	1
	10.4	4RB1104-3EE50-8K	7975.-	1
	12.5	4RB1125-3EE50-8K	8655.-	1
	15	4RB1150-3EE50-8K	10390.-	1
	16.7	4RB1167-3EE50-8K	11565.-	1
	20	4RB1200-3EE50-8K	13855.-	1
	25	4RB1250-3EE50-8K	17320.-	1
	28.1	4RB1281-3EE50-8K	19450.-	1
480	5	4RB1050-3EJ50-8K	4455.-	1
	6.3	4RB1063-3EJ50-8K	4980.-	1
	8.3	4RB1083-3EJ50-8K	6575.-	1
	10.4	4RB1104-3EJ50-8K	7460.-	1
	11	4RB1111-3EJ50-8K	7900.-	1
	12.5	4RB1125-3EJ50-8K	8965.-	1
	13.8	4RB1138-3EJ50-8K	9910.-	1
	15	4RB1150-3EJ50-8K	10765.-	1
	16.7	4RB1167-3EJ50-8K	11975.-	1
	18.7	4RB1187-3EJ50-8K	13415.-	1
20	4RB1200-3EJ50-8K	14355.-	1	
22	4RB1220-3EJ50-8K	15775.-	1	
25	4RB1250-3EJ50-8K	17925.-	1	
28.1	4RB1281-3EJ50-8K	20155.-	1	
30	4RB1300-3EJ50-8K	21515.-	1	
31	4RB1310-3EJ50-8K	22240.-	1	
33	4RB1330-3EJ50-8K	23680.-	1	

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	4595.-	1
	6.3	4RB1063-3FC50-8K	5155.-	1
	8.3	4RB1083-3FC50-8K	6780.-	1
	10.4	4RB1104-3FC50-8K	7720.-	1
	12.5	4RB1125-3FC50-8K	9280.-	1
	13.2	4RB1132-3FC50-8K	9800.-	1
	15	4RB1150-3FC50-8K	11130.-	1
	16.7	4RB1167-3FC50-8K	12405.-	1
	20	4RB1200-3FC50-8K	14835.-	1
	25	4RB1250-3FC50-8K	18550.-	1
690	26.5	4RB1265-3FC50-8K	19670.-	1
	30	4RB1300-3FC50-8K	22270.-	1
	33.1	4RB1331-3FC50-8K	24560.-	1
	5.3	4RB1053-3GK50-8K	4060.-	1
	6.9	4RB1068-3GK50-8K	5305.-	1
	10.4	4RB1104-3GK50-8K	7975.-	1
	12.5	4RB1125-3GK50-8K	9590.-	1
	14.6	4RB1146-3GK50-8K	11200.-	1
	20	4RB1200-3GK50-8K	15340.-	1
	25	4RB1250-3GK50-8K	19175.-	1

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Std. Pkg. = 1 unit

\* LP - List Price

# Harmonics filter

## Detuned reactor

### Features

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

### Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	19630.-
10kvar	5.67%	4KA1220-3AC01-0AA0	23295.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	27265.-
15kvar	5.67%	4KA1220-5AC01-0AA0	29455.-
20kvar	5.67%	4KA1220-6AC01-0AA0	31505.-
25kvar	5.67%	4KA1220-7AC01-0AA0	33705.-
5kvar	7%	4KA1220-1AA01-0AA0	19615.-
10kvar	7%	4KA1220-3AA01-0AA0	26910.-
12.5kvar	7%	4KA1220-4AA01-0AA0	29050.-
15kvar	7%	4KA1220-5AA01-0AA0	33545.-
20kvar	7%	4KA1220-6AA01-0AA0	35735.-
25kvar	7%	4KA1220-7AA01-0AA0	37605.-
50kvar	7%	4KA1220-2BA01-0AA0	67000.-
75kvar	7%	4KA1220-3BA03-0AA0	93960.-
100kvar	7%	4KA1220-4BA03-0AA0	118265.-
5kvar	14%	4KA1220-1AB01-0AA0	25825.-
12.5kvar	14%	4KA1220-4AB01-0AA0	43340.-
15kvar	14%	4KA1220-5AB01-0AA0	50750.-
20kvar	14%	4KA1220-6AB01-0AA0	61755.-
25kvar	14%	4KA1220-7AB01-0AA0	69435.-
50kvar	14%	4KA1220-2BB01-0AA0	112760.-
75kvar	14%	4KA1220-3BB03-0AA0	144255.-
100kvar	14%	4KA1220-4BB03-0AA0	209740.-

Std. Pkg. = 1 unit

\* LP - List Price

### Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	14585.-
10kvar	5.67%	4KA1420-3AC01-0AA0	18595.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	20380.-
15kvar	5.67%	4KA1420-5AC01-0AA0	24100.-
20kvar	5.67%	4KA1420-6AC01-0AA0	27480.-
25kvar	5.67%	4KA1420-7AC01-0AA0	27825.-
50kvar	5.67%	4KA1420-2BC01-0AA0	50630.-
5kvar	7%	4KA1420-1AA01-0AA0	15525.-
10kvar	7%	4KA1420-3AA01-0AA0	19975.-
12.5kvar	7%	4KA1420-4AA01-0AA0	22090.-
15kvar	7%	4KA1420-5AA01-0AA0	24900.-
20kvar	7%	4KA1420-6AA01-0AA0	26515.-
25kvar	7%	4KA1420-7AA01-0AA0	28360.-
50kvar	7%	4KA1420-2BA01-0AA0	48765.-
75kvar	7%	4KA1420-3BA03-0AA0	66255.-
100kvar	7%	4KA1420-4BA03-0AA0	86645.-
5kvar	14%	4KA1420-1AB01-0AA0	21135.-
10kvar	14%	4KA1420-3AB01-0AA0	31705.-
12.5kvar	14%	4KA1420-4AB01-0AA0	34500.-
15kvar	14%	4KA1420-5AB01-0AA0	40845.-
20kvar	14%	4KA1420-6AB01-0AA0	45345.-
25kvar	14%	4KA1420-7AB01-0AA0	55330.-
50kvar	14%	4KA1420-2BB01-0AA0	97885.-

Power Factor Correction



# 3MT7 Capacitor Duty Contactors

NEW



## Comprehensive Range

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



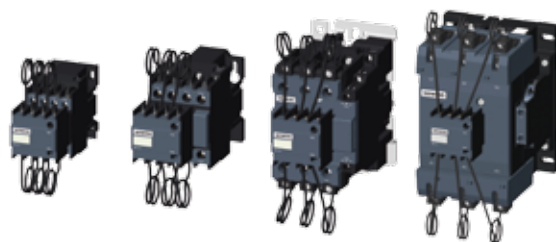
## Reliable

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



## Safe

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



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
<b>NEW</b> 2.5kvar	1NO	3MT70002JA106A..	2410.-	1NC	3MT70002JA016A..	2410.-	1
<b>NEW</b> 5kvar	1NO	3MT70005JA106A..	2665.-	1NC	3MT70005JA016A..	2665.-	1
<b>NEW</b> 7.5kvar	1NO+1NC	3MT70007JA116A..	2935.-	2NC	3MT70007JA026A..	2935.-	1
<b>NEW</b> 10kvar	1NO+1NC	3MT70010JA116A..	3655.-	2NC	3MT70010JA026A..	3655.-	1
<b>NEW</b> 12.5kvar	1NO+1NC	3MT70012JA116A..	3735.-	2NC	3MT70012JA026A..	3735.-	1
<b>NEW</b> 16.7kvar	1NO+1NC	3MT70016JA116A..	4950.-	2NC	3MT70016JA026A..	4950.-	1
<b>NEW</b> 20kvar	1NO+1NC	3MT70020JA116A..	5505.-	2NC	3MT70020JA026A..	5505.-	1
<b>NEW</b> 25kvar	1NO+1NC	3MT70025JA116A..	6310.-	2NC	3MT70025JA026A..	6310.-	1
<b>NEW</b> 33.3kvar	1NO+2NC	3MT70033JA126A..	9565.-				1
<b>NEW</b> 40kvar	1NO+2NC	3MT70040JA126A..	15435.-				1
<b>NEW</b> 50kvar	1NO+2NC	3MT70050JA126A..	18070.-				1
60kvar	1NO+2NC	3MT70060JA126A..	19205.-				1
80kvar	1NO+2NC	3MT70080JA126A..	23580.-				1
100kvar	1NO+2NC	3MT70100JA126A..	24500.-				1

@ Please enter coil codes from table below

### Coil for Conatctors 2.5 to 60 kvar

### Coil for Contactors 80 and 100 kvar

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

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

## Spares for 3MT7 Contactors

Contactor Coils	Type®	Unit LP ₹	Std. pkg. (nos.)
2.5kvar to 16.7kvar : 3MT70002 to 3MT70016	3MT72000L..9M1A	720.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	855.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2190.-	1
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2390.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	540.-	10
2NC	3MT70200CL09M1A	540.-	10

## Automatic Power Factor Correction Relay (APFC relay)

### Features

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



for more info scan QR code



7UG0572-1GT20

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	24510.-
	12 Stage with LCD display	7UG0572-1GT20	26255.-
	12 stage with LED display	7UG0572-1GT21	15015.-

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

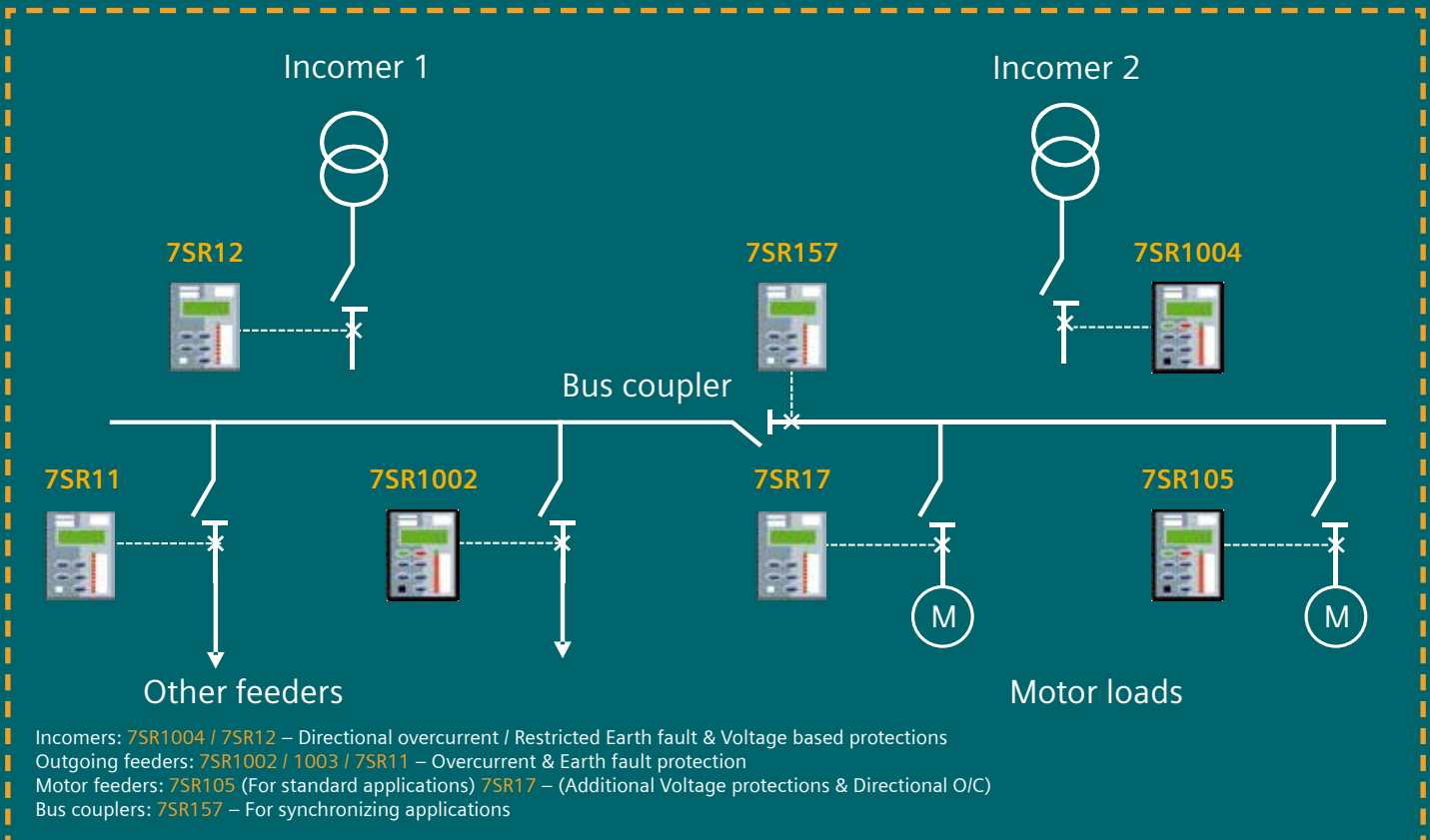


7SR242

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	104100.-
	<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	180355.-
	<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	175745.-
	<b>Drawout   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> 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	196035.-
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	151095.-
	<b>Drawout   Motor Protection Relay</b>   3 BI 5 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> 14, 37, 46, 46PhRev, 48/66, 49, 50, 51, 50G/N, 51G/N, 50BF, 50BCL, 60CTS, 74T/CCS, 81B	7SR1702-3MA12-1CA0	233195.-
	<b>Drawout   Motor Protection Relay</b>   6 BI 8 BOs 4CT 3VT   <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> 14, 37, 46, 46PhRev, 48/66, 49, 50, 51, 50G/N, 51G/N, 50BF, 50BCL, 60CTS, 74T/CCS, 81B, 27/59, 32/55, 47, 60CTS, 60VTS, 67/50, 67/51, 67G/N, 81	7SR1706-4MA12-1CA0	248750.-
Transformer Protection	<b>Drawout   Transformer Protection Relay</b>   9 BI 6 BOs 8CT 1VT   <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> 81HBL2, 81HBL5, 87BD, 87HS, 49, 50, 51, 50G/N, 51G/N, 50BF, 64H, 74TCS/CCS, 37/37G, 46BC, 46NPS	7SR2422-2MA12-0BA0	519130.-

\* 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	13365.-
	Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	13365.-
	Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	13365.-
	Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	13365.-
	Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	26845.-
	Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	26845.-
Trip Relays	Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	13365.-
	Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	13365.-
	TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	24515.-

# SIEMENS

## SENTRON Circuit protection devices with measuring and communication function

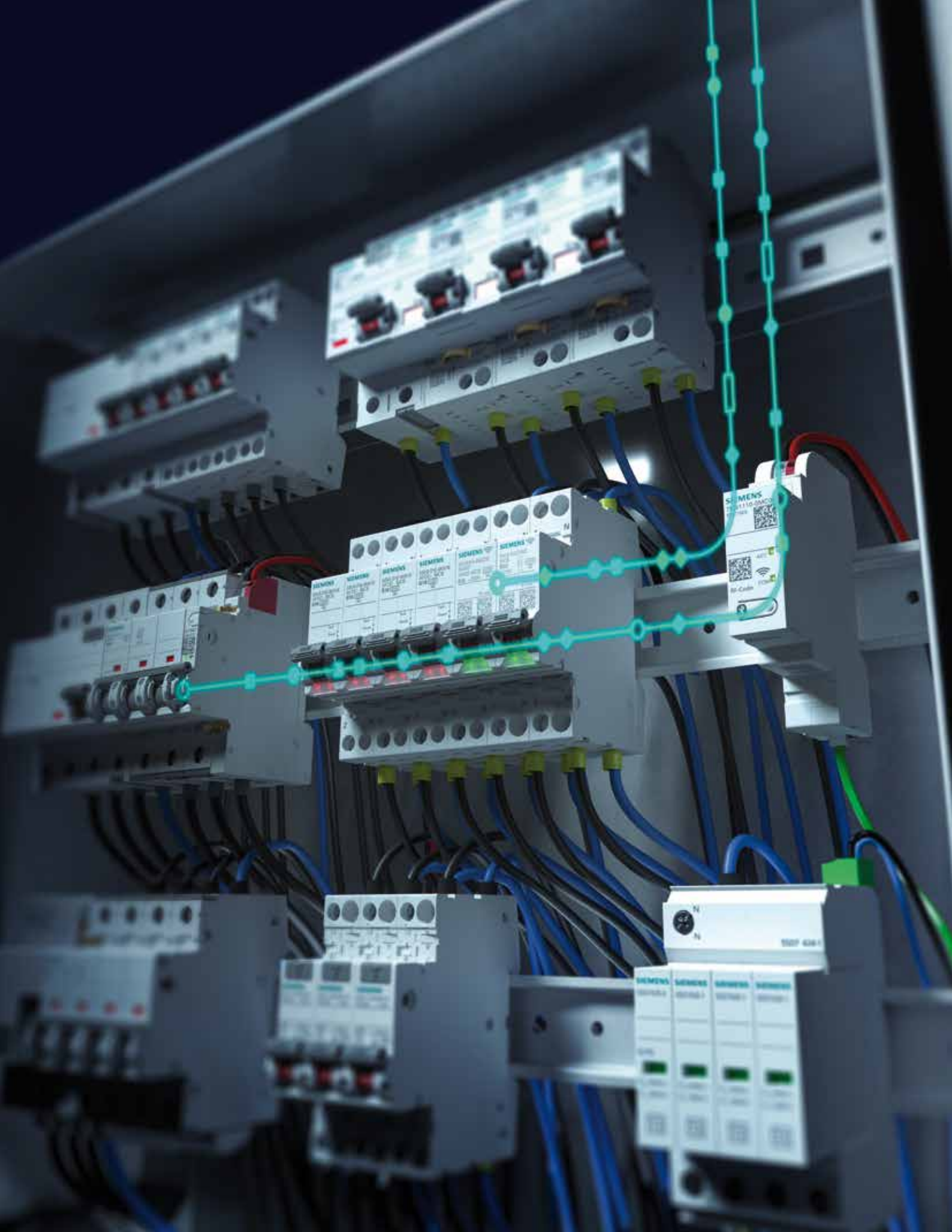


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5SV6 COM  
AFDD/MCB**



**SENTRON  
Powercenter 1000  
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SIEMENS

# Betagard Miniature Circuit Breakers Type 5SL6 and 5SL4



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

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





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

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- High switching capacity
- Compact Design
- Low Watt Losses

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**SIEMENS**

# HRC fuses (DIN) 3NA

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



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

Size	Rated current (A)	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	515.-	1/6
	4	3NA78040RC	515.-	1/6
	6	3NA78010RC	515.-	1/6
	10	3NA78030RC	515.-	1/6
	16	3NA78050RC	520.-	1/6
	20	3NA78070RC	520.-	1/6
	25	3NA78100RC	520.-	1/6
	32	3NA78120RC	520.-	1/6
	40	3NA78170RC	545.-	1/6
	50	3NA78200RC	545.-	1/6
	63	3NA78220RC	605.-	1/6
	80	3NA78240RC	665.-	1/6
	100	3NA78300RC	665.-	1/6
	00	125	3NA78320RC	795.-
160		3NA78360RC	845.-	1/6
50		3NA71200RC	1150.-	1/3
63		3NA71220RC	1150.-	1/3
1	80	3NA71240RC	1150.-	1/3
	100	3NA71300RC	1150.-	1/3
	125	3NA71320RC	1205.-	1/3
	160	3NA71360RC	1240.-	1/3
	200	3NA71400RC	1240.-	1/3
	224	3NA71420RC	1290.-	1/3
	250	3NA71440RC	1395.-	1/3
2	200	3NA72400RC	1710.-	1/3
	250	3NA72440RC	1780.-	1/3
	315	3NA72520RC	1845.-	1/3
3	400*	3NA72600RC	1845.-	1/3
	315	3NA33520RC	2625.-	1/3
	400	3NA33600RC	2625.-	1/3
	500	3NA33650RC	2930.-	1/3
	630	3NA33720RC	3000.-	1/3
	800*	3NA33754RC	3650.-	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	740.-	1/6
	50	3NA78206RC	740.-	1/6
	63	3NA78226RC	795.-	1/6
	80	3NA78246RC	845.-	1/6
1	100	3NA78306RC	845.-	1/6
	125	3NA71326RC	1480.-	1/3
	160	3NA71366RC	1535.-	1/3
2	200	3NA71406RC	1535.-	1/3
	250	3NA72446RC	2030.-	1/3
3	315	3NA72526RC	2185.-	1/3
	400	3NA33606RC	3255.-	1/3
	425	3NA33626RC	3255.-	1/3
500	3NA33656RC	3475.-	1/3	

## Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	585.-	1
1	250	■ 3NG1250	880.-	1
2	400	■ 3NG1300	1435.-	1
3	630	■ 3NG1400	1485.-	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	■ 3NH3030-0RC (Screw-in)	710.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	760.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	1425.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	2015.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	2905.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	3440.-	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	3480.-	1
Suitable only for fuse links and isolating links	3NX1010	1450.-	1



## LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	795.-	1/10
00/000	3NX3116	495.-	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

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Safe  
Complies with  
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Ease of  
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SIEMENS



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

NEW

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

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

Communication Capable Fuse Link offers:

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

With Siemens fuses - protection is Easy, Safe and Reliable

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**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	145.-	20
4	■ 3NWN54	145.-	20
6	■ 3NWN56	145.-	20
10	■ 3NWN510	145.-	20
16	■ 3NWN516	145.-	20
20	■ 3NWN520	170.-	20
25	■ 3NWN525	170.-	20
32	■ 3NWN532	170.-	20

## Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	205.-	20
4	3NWTIA4	205.-	20
6	3NWTIA6	205.-	20
10	■ 3NWTIA10	230.-	20
16	■ 3NWTIA16	230.-	20
20	■ 3NWTIA20	230.-	20
25	■ 3NWTIA25	230.-	20
32	■ 3NWTIA32	230.-	20
40	3NWTIS40	315.-	20
50	■ 3NWTIS50	315.-	20
63	■ 3NWTIS63	315.-	20
80	3NWTCP80	810.-	10
100	■ 3NWTCP100	810.-	10
125	3NWTFP125	1645.-	5
160	3NWTFP160	1645.-	5
200	3NWTFP200	1645.-	5

## Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	870.-	10
100	3NWT100	870.-	10
125	3NWT125	1795.-	5
160	3NWT160	1795.-	5
200	3NWT200	1795.-	5
250	3NWT250	2480.-	1
315	3NWT315	2480.-	1
355	3NWT355	2890.-	1
400	3NWT400	2890.-	1
500	3NWT500	4545.-	1
630	3NWT630	5535.-	1
710	3NWT710	6325.-	1
800	3NWT800	6325.-	1

## Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	170.-	20
10	3NWTSA10	170.-	20
16	3NWTSA16	170.-	20
20	3NWTSA20	170.-	20
25	3NWTSA25	170.-	20
32	3NWTSA32	170.-	20
36	3NWTSS36	340.-	20
40	3NWTSS40	340.-	20
50	3NWTSS50	340.-	20
63	3NWTSS63	340.-	20
80	3NWTSDS80	640.-	20
100	3NWTSDS100	640.-	20
125	3NWTSP125	805.-	5
160	3NWTSP160	875.-	5
200	3NWTSP200	805.-	5

## Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTDC80	775.-	10
100	3NWTDC100	775.-	10
125	3NWTFS125	810.-	5
160	3NWTFS160	810.-	5
200	3NWTFS200	810.-	5
250	3NWTFS250	1945.-	1
315	3NWTFS315	1945.-	1
355	3NWTFS355	3245.-	1
400	3NWTFS400	3245.-	1
450	3NWTFS450	2690.-	1
500	3NWTFS500	2690.-	1
560	3NWTFS560	5140.-	1
630	3NWTFS630	4355.-	1
800	3NWTFS800	6290.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWT32F9	3120.-	10
63	3NWT63F9	3660.-	10
100	3NWT100F9	4040.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NSF	330.-	10
32	■ 3NW32NSF	415.-	10
32A (Iso. Link)	■ 3NW32NSL	180.-	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	3560.-	3
	40	3NE4102	gR	0	3570.-	3
	50	3NE4117	gR	0	3750.-	3
	80	3NE4120	aR	0	4055.-	3
	100	3NE4121	aR	0	4445.-	3
	125	3NE4122	aR	0	4775.-	3
	160	3NE4124	aR	0	5260.-	3



## 3NE9 type 600 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
850	3NE94406	gR	-	42170.-	3
1250	3NE9450	aR	-	39745.-	3

Rated voltage (V)	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	3NE43276	aR	-	9465.-	1
	315	3NE43306	aR	-	9775.-	1
	450	3NE43336	aR	-	10215.-	1
	500	3NE43346	aR	-	10300.-	1
	710	3NE43376	aR	-	11515.-	1



## 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	8905.-	3
20	3NE18140	gS	000	8905.-	3
25	3NE18150	gS	000	8905.-	3
35	3NE18030	gS	000	8905.-	3
40	3NE18020	gS	000	8905.-	3
50	3NE18170	gS	000	8905.-	3
63	3NE18180	gS	000	8905.-	3
80	3NE18200	gS	000	8905.-	3
100	3NE10210	gS	00	11495.-	3
125	3NE10220	gS	00	11495.-	3
160	3NE12240	gS	1	27170.-	3
200	3NE12250	gS	1	27170.-	3
250	3NE12270	gS	1	28530.-	3
315	3NE12300	gS	1	30595.-	3
350	3NE13310	gS	2	37990.-	3
400	3NE13320	gS	2	38320.-	3
450	3NE13330	gS	2	38560.-	3
500	3NE13340	gS	2	39135.-	3
560	3NE14350	gS	3	39355.-	3
630	3NE14360	gS	3	41055.-	3
710	3NE14370	gS	3	43810.-	3
800	3NE14380	gS	3	50020.-	3



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

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	7555.-	3
35	3NE80031	gR	00	7555.-	3
50	3NE80171	gR	00	7555.-	3
63	3NE80181	gR	00	7555.-	3
80	3NE80201	aR	00	8380.-	3
100	3NE80211	aR	00	8770.-	3
125	3NE80221	aR	00	8905.-	3
160	3NE80241	aR	00	9775.-	3
200	3NE12252	gR	1	24720.-	3
250	3NE12272	gR	1	25555.-	3
315	3NE12302	gR	1	26435.-	3
350	3NE13312	gR	2	34990.-	3
400	3NE13322	gR	2	44940.-	3
450	3NE13332	gR	2	37600.-	3
500	3NE13342	gR	2	39075.-	3
560	3NE14352	gR	3	48555.-	3
630	3NE14362	gR	3	50375.-	3
670	3NE14472	gR	3	51480.-	3
710	3NE14372	gR	3	53685.-	3
800	3NE14382	gR	3	57690.-	3
850	3NE14482	gR	3	62795.-	3



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

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



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.

# 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	20235.-	3
125	3NE3222	aR	1	20820.-	3
160	3NE3224	aR	1	20820.-	3
200	3NE3225	aR	1	22910.-	3
250	3NE3227	aR	1	23515.-	3
315	3NE32300B	aR	1	24485.-	3
350	3NE3231	aR	1	29070.-	3
400	3NE32320B	aR	1	31140.-	3
450	3NE3233	aR	1	32250.-	3
400	3NE33320B	aR	2	31440.-	3
450	3NE3333	aR	2	33110.-	3
500	3NE33340B	aR	2	33730.-	3
560	3NE3335	aR	2	35000.-	3
630	3NE3336	aR	2	36670.-	3
710*	3NE33378	aR	2	50220.-	3
800*	3NE33388	aR	2	51605.-	3
900*	3NE33408	aR	2	61475.-	3

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

\* 710A: 900V AC; 800A: 800V AC; 900A: 690V AC

## 3NC type 690V AC



Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
150	3NC84233C	gR	3	46530.-	3
200	3NC84253C	gR	3	32465.-	3
250	3NC84273C	gR	3	37120.-	3
350	3NC84313C	gR	3	38270.-	3
500	3NC84343C	gR	3	41360.-	3
1000*	3NC84443C	aR	3	75160.-	3

\* 1000A, 600V AC

## 3NE5 type 1500 V AC



Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
160	3NE54240C	aR	3	59415.-	2
224	3NE54260C	aR	3	65000.-	2
250	3NE56270C	aR	3	60300.-	3
315	3NE54300C	aR	3	62090.-	2
350	3NE54310C	aR	3	68155.-	2
450	3NE56330C	aR	3	67670.-	3
600	3NE56430C	aR	3	80525.-	3

## 3NE7 type 2000 V AC



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

## Fuse bases for SITOR fuses

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



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

Utilization category as per VDE 0636/IEC 60269

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

1st letter

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

2nd letter

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

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

\* LP - List Price POR: Price On Request

Please order in multiples of standard packing.



# Cylindrical Fuses (3NW)

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



## Cylindrical Fuse, Size 10 x 38



Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)		
0.5A	10 x 38	500	3NW60001	670.-	1/10		
1A			3NW60111	670.-	1/10		
2A			3NW60021	670.-	1/10		
4A			3NW60041	670.-	1/10		
6A			3NW60011	670.-	1/10		
8A			3NW60081	670.-	1/10		
10A			3NW60031	670.-	1/10		
12A			3NW60061	670.-	1/10		
16A			3NW60051	670.-	1/20		
20A			3NW60071	670.-	1/20		
25A			3NW60101	670.-	1/20		
32A			3NW60121	670.-	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	745.-	1/10
6A			3NW61011	745.-	1/10
8A			3NW61081	745.-	1/10
10A			3NW61031	745.-	1/10
12A			3NW61061	745.-	1/10
16A			3NW61051	745.-	1/10
20A			3NW61071	745.-	1/10
25A			3NW61101	745.-	1/10
32A			3NW61121	880.-	1/10
40A			3NW61171	880.-	1/10
50A	3NW61201	880.-	1/10		
		500			

## Cylindrical Fuse, Size 22 x 58



Rated Current (A)	Size	Voltage (V)	Type	Unit LP* ₹	Std. pkg.** (nos.)
16A	22 x 58	690	3NW62051	1295.-	1/10
20A			3NW62071	1295.-	1/10
25A			3NW62101	1295.-	1/10
32A			3NW62121	1295.-	1/10
40A			3NW62171	1425.-	1/10
50A			3NW62201	1425.-	1/10
63A			3NW62221	1425.-	1/10
80A			3NW62241	1425.-	1/10
100A			3NW62301	1575.-	1/10
				500	

## Cylindrical Fuse holders



No of Poles	Size	Rating (A)	MW	Type	Unit LP* ₹	Std. pkg.** (nos.)
1P	10 x 38	32A	1	3NW7013	1195.-	1/1
	14 x 51	50A	1.5	3NW7111	3795.-	1/1
	22 x 58	100A	2	3NW7211	6205.-	1/1
1+N	10 x 38	32A	1	3NW7053	2445.-	1/1
	14 x 51	50A	3	3NW7151	7855.-	1/1
	22 x 58	100A	4	3NW7251	12720.-	1/1
2P	10 x 38	32A	2	3NW7023	2395.-	1/1
	14 x 51	50A	3	3NW7121	7565.-	1/1
	22 x 58	100A	4	3NW7221	10710.-	1/1
3P	10 x 38	32A	3	3NW7033	3600.-	1/1
	14 x 51	50A	4.5	3NW7131	11335.-	1/1
	22 x 58	100A	6	3NW7231	15970.-	1/1

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

\* LP - List Price

### Fuse Systems Available

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



### Fuses for Special Applications

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





# 5SD Surge Protection Devices

## Safe & Reliable

Surge Protection Devices are available in the following types:

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

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

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

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**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	4510.-	3KL8111-3TJ00	4365.-	3KL8111-3TC00	4440.-	1
32A	3KL8121-3TA00	4620.-	3KL8121-3TJ00	4515.-	3KL8121-3TC00	4580.-	1
63A	3KL8151-3TA00	6525.-	3KL8151-3TJ00	6310.-	3KL8151-3TC00	6365.-	1
100A	3KL8211-3TA00	13035.-	3KL8211-3TJ00	12790.-			1
125A	3KL8221-3TA00	17045.-	3KL8221-3TJ00	16820.-			1
160A <sup>§</sup>	3KL8231-3TA00	18605.-	3KL8231-3TJ00	18345.-			1
200A	3KL8311-3UA00	23765.-	3KL8311-3UJ00	23000.-			1
250A	3KL8321-3UA00	27940.-	3KL8321-3UJ00	28440.-			1
315A	3KL8331-3UA00	34545.-	3KL8331-3UJ00	33645.-			1
400A <sup>§</sup>	3KL8341-3UA00	41615.-	3KL8341-3UJ00	42240.-			1
500A	3KL8411-3UA00	65110.-	3KL8411-3UJ00	62620.-			1
630A	3KL8421-3UA00	66890.-	3KL8421-3UJ00	64885.-			1
800A <sup>§</sup>	3KL8431-3UA00	72460.-	3KL8431-3UJ00	70320.-			1

Notes:

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

\$ AC23A @500V AC

All SDF Unit MRPs are without fuses

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

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

Description	3KL81 11/21/51 3KA81 51	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41/51	Unit MRP* ₹	3KL84 11/21/31 3KA84 3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse Cover	3KX8150-0AC	565.-	3KX8230-0AC	815.-	3KX8340-0AC	1195.-	3KX8430-0AC	1690.-	1
Terminal Cover (1 set)	-	-	3KX8231-0AC	690.-	3KX8341-0AC	1305.-	3KX8431-0AC	1530.-	1
Isolable Neutral cover	-	-	3KX8232-0AC	345.-	3KX8342-0AC	560.-	3KX8432-0AC	690.-	1
Phase Barrier <sup>§§</sup>	3KX8153-0AC	230.-	3KX8233-0AC	230.-	3KX8343-0AC	335.-	3KX8433-0AC	430.-	1

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

### SIECAP™ LV Power Capacitors

ND (Normal Duty)

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)	Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)			
440	0.9	4RB2008-3EE50-8K	POR	1	480	1	4RB2010-3EJ50-8K	POR	1			
	1	4RB2010-3EE50-8K		1		1.5	4RB2015-3EJ50-8K		1			
	1.2	4RB2012-3EE50-8K		1		2	4RB2020-3EJ50-8K		1			
	1.5	4RB2015-3EE50-8K		1		2.5	4RB2025-3EJ50-8K		1			
	2.1	4RB2021-3EE50-8K		1		4.2	4RB2042-3EJ50-8K		1			
	2.5	4RB2025-3EE50-8K		1		5	4RB2050-3EJ50-8K		1			
	3	4RB2030-3EE50-8K		1		5.5	4RB2055-3EJ50-8K		1			
	4.2	4RB2042-3EE50-8K		1		8.3	4RB2083-3EJ50-8K		1			
	5	4RB2050-3EE50-8K		1		10.4	4RB2104-3EJ50-8K		1			
	6	4RB2060-3EE50-8K		1		11.1	4RB2111-3EJ50-8K		1			
	7	4RB2070-3EE50-8K		1		12.5	4RB2125-3EJ50-8K		1			
	7.5	4RB2075-3EE50-8K		1		13.8	4RB2138-3EJ50-8K		1			
	8.3	4RB2083-3EE50-8K		1		15	4RB2150-3EJ50-8K		1			
	9	4RB2090-3EE50-8K		1		16.7	4RB2167-3EJ50-8K		1			
	10	4RB2100-3EE50-8K		1		20.8	4RB2208-3EJ50-8K		1			
	12.5	4RB2125-3EE50-8K		1		25	4RB2250-3EJ50-8K		1			
	15	4RB2150-3EE50-8K		1		27.7	4RB2277-3EJ50-8K		1			
	16.7	4RB2167-3EE50-8K		1		30	4RB2300-3EJ50-8K		1			
	20	4RB2200-3EE50-8K		1								
	20.8	4RB2208-3EE50-8K		1								
25	4RB2250-3EE50-8K	1										
28	4RB2280-3EE50-8K	1										
30	4RB2300-3EE50-8K	1										

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

\* LP - List Price      POR: Price On Request

\* MRP - Maximum Retail Price



# Available till stocks last

## 3VT MCCBs

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

## Discontinued products

### 3KC Automatic Transfer Controller

Description	Type
ATC 5300	3KC9000-8TL30

### Motor control switches 3LA0

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

### 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'

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

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

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

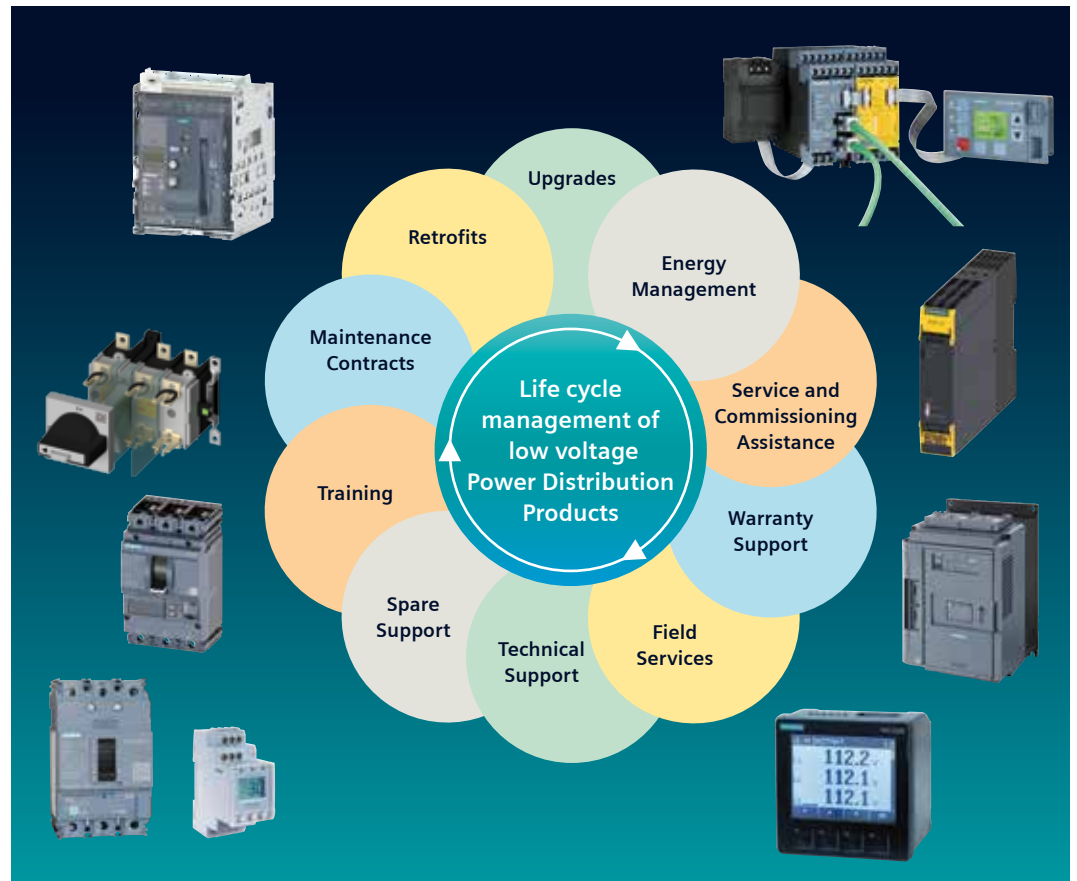
Description	Type
3VL MCCBs	3VL1 - 3VL8
3VL Accessories	3VL9..., \3VL9...

# One point contact for your service needs

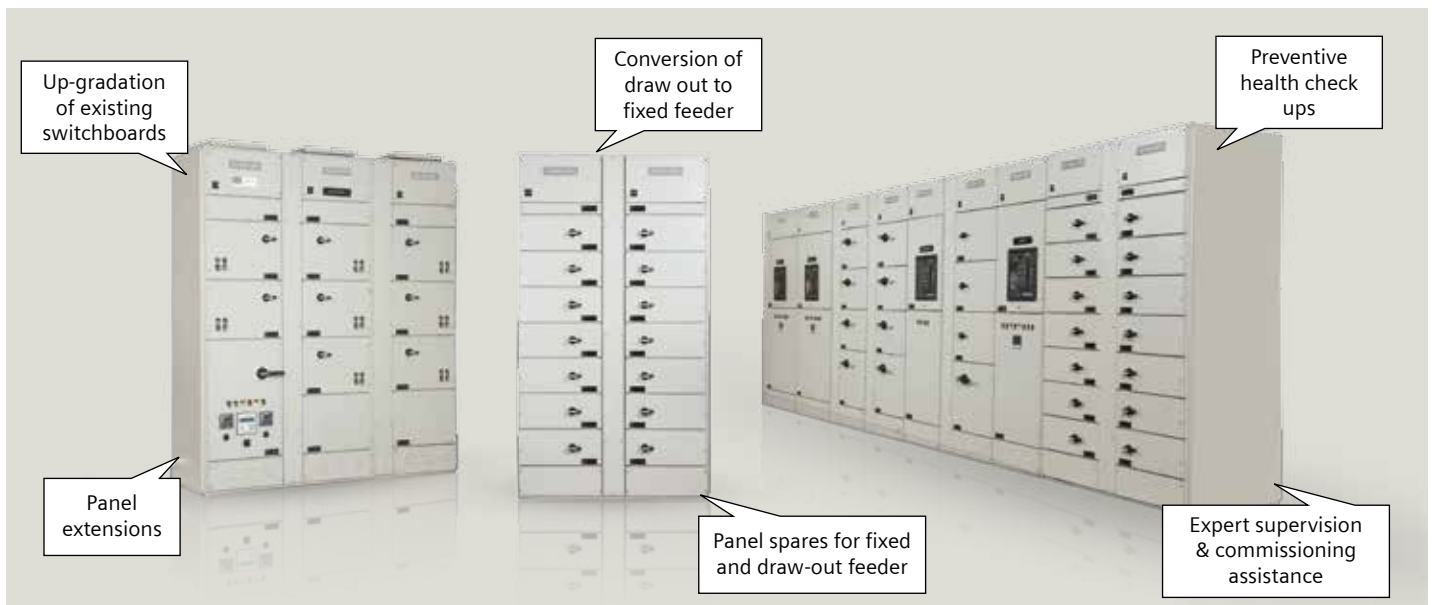
The comprehensive range of services from Siemens is sure to cover the needs of the most varied users.

We offer structured services, designed to give you valuable support in every phase during the lifecycle of your low voltage products and panels – from warranty support to suitable retrofit solutions.

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

*Please get in touch with us for details*

**CUSTOMER CARE**  
**Toll Free No: 1800220987/18002090987 • E-mail: ics.india@siemens.com**

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



## Terms and conditions

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

The company reserves the right to supply goods at its works or godown at its discretion.

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

**Export control regulation - retention clause:** The fulfillment of the agreement on Siemens part is subject to the provision that this shall not be prevented by implements on the grounds of national and international legal requirements, in particular export control provision.

### Stock items

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

### Note

- This supercedes all previous Price Lists.
- List Prices (LPs) mentioned are exclusive of all taxes.
- Maximum Retail Prices (MRPs) mentioned in the publication are maximum recommended selling prices.
- Invoice amount not to exceed MRP
- Invoice amount = MRP (less) applicable discount + applicable GST %
- For receiving material in factory sealed packing, we request you to order in multiples of the indicated standard packing quantity.

Ask your nearest Siemens partners to include you in our mailing list.

Always make your purchases only from our authorised dealers. Details available with our sales office/territory managers.



## Notes





**SINOVA**  
**Low Voltage**  
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The Power of **Simplicity**

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