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for reliable power

Low Voltage Power Distribution products
Price List w.e.f. 15th April 2022

SIEMENS

LIST OF SITRAIN - INDIA TRAINING CENTERS

(including Training Service Providers, TSPs)

Course No.	Title	Duration
Classroom Courses - Automation		
AS-1200	SIMATIC S7-1200 with STEP7 V15.1	5
AS-1500A	SIMATIC S7-1500 with TIA V15 Advance	3
AS-1500B	SIMATIC S7-1500 with TIA V15 Basic	5
AS-300400A	SIMATIC S7-300/400 Advance with STEP7	6
AS-300A	SIMATIC S7-300 with STEP7 V5.6 Advance	3
AS-300B	SIMATIC S7-300 with STEP7 V5.6 Basic	5
AS-400A	SIMATIC S7-400 with STEP7 V5.6 Advance	3
AS-400B	SIMATIC S7-400 with STEP7 V5.6 Basic	5
AS-F&B_2	Training on WinCC Comfort-Advance V15.1_F&B 2 Days	2
AS-F&B_3	Training on SCADA with WinCC V7.5_F&B 3 Days	3
AS-NTW	Networking on Profibus/Profinet with V5.6	5
AS-PCS7A	DCS: SIMATIC PCS 7 Advance	10
AS-PCS7AS	DCS: SIMATIC PCS7 AS ENGINEERING	5
AS-PCS7B	DCS: SIMATIC PCS 7 Basic	10
AS-PCS7OS	DCS: SIMATIC PCS7 OS ENGINEERING	5
AS-PHARMA2	Training on WinCC Comfort-Advanced on TIA V15.1_Pharma 2 Days	2
AS-PHARMA3	Training on SCADA with WinCC V7.5_Pharma 3 Days	3
AS-PI	Process Instrumentation	4
AS-SFM	SIMATIC Distributed (Machine Safety) course	3
AS-SFP	SIMATIC Fail-safe (Process Safety) course	3
AS-ST57GRA	SIMATIC S7 Graph	2
AS-ST57SCL	SCL Programming	3
AS-ST57STL	STL Programming Language	3
AS-TNTW	Networking on Profibus/Profinet with TIA Portal V15.1	3
AS-TWINCCB	SIMATIC WinCC (TIA Portal) Professional V15.1	5

Course No.	Title	Duration
AS-VASS	VASS Training	12
AS-WINCCA	SIMATIC WinCC V7.x Advance	3
AS-WINCCB	SIMATIC WinCC V7.x Basic	5
AS-PHARMA3	Training on SCADA with WinCC V7.5_Pharma	3
AS-PHARMA2	Training on WinCC Comfort-Advanced on TIA V15.1_Pharma 2	2
AS-F&B_2	Training on WinCC Comfort-Advance V15.1_F&B	2
AS-F&B_3	Training on SCADA with WinCC V7.5_F&B 3 Days	3
Classroom Courses - Drives		
DR-BDT	Basic course on AC/DC Drives	5
DR-DC70	SIMOREG DC Master 6RA70	6
DR-DCM	SINAMICS DC Master 6RA80	6
DR-G120	SINAMICS G120 with STARTER	5
DR-G12TIA	SINAMICS G120 With TIA Portal	4
DR-G130	SINAMICS G130 / G150	6
DR-GH180	SINAMICS Perfect Harmony GH180	5
DR-MDVC	AC Drive: SIMOVERT Master Drive Vector Control	6
DR-MM4	AC Drives with MM4 Maintenance	5
DR-OLS120B	Online Training - SINAMICS S120 Basic	5
DR-S120ADV	SINAMICS S120 Advance	5
DR-S120BAS	SINAMICS S120 Basic	5
DR-S12SAF	SINAMICS S120 Safety Functions	3
DR-SIMOADV	SIMOTION Advance	5
DR-SIMOBAS	SIMOTION Basic	5
DR-V20	SINAMICS V20	3
DR-V90	SINAMICS V90	3
AP-CRANE	Application Based Crane Training	5
Classroom Courses - Switchgear		
LV-BAS	Communication in Switchgear	3
LV-IM	AC Motor Basics Control & Maintenance	3
LV-PAC	Sentron PAC Meter	2
LV-SM	SIMOCODE AC-Motor control	3
LV-SS	SIRIUS Soft Starter	2
LV-SWPC	LV Switchgear Products & Coordination	4

Course No.	Title	Duration
LV-SWPD	LV Switchgear Products, Distribution & Panel	4
MV-NR	Training on Numerical relays	4
MV-VCB	Training on VCB	2
Online Trainings		
SIMATIC – Classic STEP 7 and WinCC		
AS-OL400B	SIMATIC S7-400 with SIMATIC Manager (Basic Course)	5 Days
AS-OL400A	SIMATIC S7-400 with SIMATIC Manager (Advance Course)	3 Days
AS-OL-WINC	SIMATIC WinCC SCADA V7 (Basic Course)	5 Days
AS-OL1500B	SIMATIC S7-1500 with TIA Portal (Basic Course)	5 Days
AS-OL1500A	SIMATIC S7-1500 with TIA Portal (Advance Course)	5 Days
OL-DIGIEPC	DigiEPC Program for Indian EPC professionals	3 Days
AS-OL-WINT	SIMATIC WinCC SCADA (WinCC Prof) in the TIA Portal	5 Days
AS-TIA150F	SIMATIC Distributed Safety on S7-1500F With TIA Portal **New**	3 Days
Digital Enterprise for the Factory Automation		
DIGI-IN4.0	Introduction to Industry 4.0	3 Days
DIGI-OPCUA	OPC UA With SIMATIC Controllers ** New**	2 Days
DIGI-WINUC	SIMATIC WinCC Unified & Unified Comfort Panels ** New**	3 Days
DIGI-WINUP	SIMATIC WinCC Unified for PC Systems ** New**	2 Days
DIGI-TETIA	Efficient Working with Team Engineering in TIA Portal ** New**	3 Days
Process Control System SIMATIC PCS 7		
AS-OL-PCSB	DCS: SIMATIC PCS7 BASIC	9 Days
AS-OL-PCSAS	DCS: SIMATIC PCS7 AS ENGINEERING	5 Days
AS-SFP	SIMATIC Fail-safe (Process Safety) Course **New**	3 Days
Digitalization Training		
DIGI-AUTOE	Digitalization Auto Engineering	5
DIGI-IN4.0	Introduction to Industry 4.0	3
DIGI-STD5I	Digitalization Stand_SivArc	3
DIGI-INTRO	One Day Training Program on Introduction to Digitalization	1

SITRAIN Training in India

SITRAIN India (Kalwa)

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| 3WA air circuit breakers

Made for makers. Simply reliable

Fail-safe power distribution is a job for makers. The 3WA air circuit breaker makes sure you get the job done reliably.

3WA air circuit breakers continue Siemens' tradition of switchgear innovation and bring power distribution into the digital age. Whether you are quality-conscious, efficient, future-, or system-oriented: The 3WA air circuit breaker will be the new central component in your panel.

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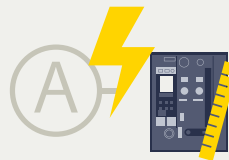
Future ready



Easy operation



Advanced connectivity



Smallest footprint



Shorter downtime



Efficient metering



Easy upgrade



Enhanced safety



Cyber security



High system availability



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.

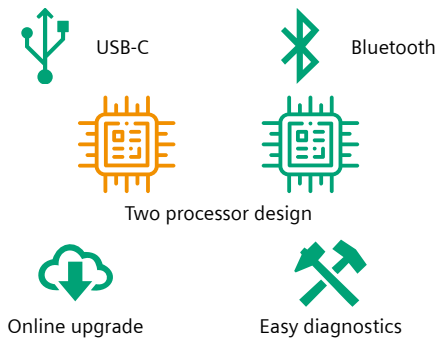
Welcome to the future of digital power distribution.

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

SIEMENS

ACB: SENTRON 3WA NEW

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



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

Manually operated ACB

Microprocessor based trip unit ETU600 with LSING¹⁾ protection

Frame Size	Rated Current In (A)	Type	Withdrawable ²⁾ design with Guide Frame		Fixed ³⁾ mounted design	
			Unit LP* ₹		Unit LP* ₹	
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WA1106....	405115.-	505810.-	275010.-	401245.-
	800	3WA1108....	409300.-	515300.-	282775.-	410900.-
	1000	3WA1110....	419505.-	549390.-	308140.-	432685.-
	1250	3WA1112....	503135.-	630345.-	373835.-	523180.-
	1600	3WA1116....	552425.-	690205.-	394335.-	561830.-
II	2000	3WA1220....	608965.-	765305.-	437635.-	616875.-
	2500	3WA1225....	681870.-	886225.-	444580.-	669785.-
	3200	3WA1232....	876680.-	1195585.-	606435.-	1005355.-
	4000	3WA1240....	1020915.-	1286025.-	833240.-	1115535.-
III	5000	3WA1350....	1645640.-	2081855.-	1471490.-	1924515.-
	6300	3WA1363....	2204620.-	2764585.-	1914120.-	2516795.-

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)

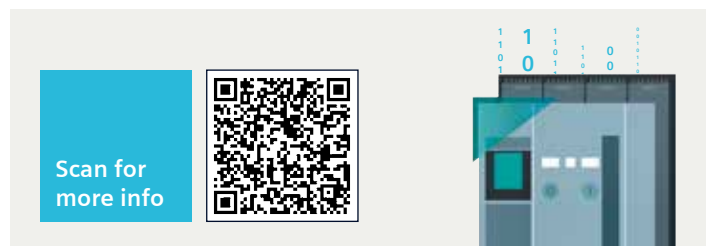
Description	Add LP* ₹
Door Interlock	7625.-
Position Signal Switch for Withdrawable Breaker	19735.-
Castell lock mounting kit [#]	6430.-
Mutual Mechanical Interlocking (Bowden wire)	Price on request
PROFINET / MODBUS TCP Communication module	

Castell locks are to be ordered separately.

Please consult your nearest sales office for complete ordering code.

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	104350.-
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	104350.-

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	3WA9111-0AD02	16610.-
	110	110	3WA9111-0AD05	16610.-
	230	220	3WA9111-0AD06	16610.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	18360.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	91825.-
	110-127	110-125	3WA9111-0AF05	91825.-
	208-240	220-250	3WA9111-0AF06	91825.-
Castell Lock	-	-	3WX3663-6JEL_ [§]	4970.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please consult your nearest 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

* 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* ₹	
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WL1106....	364325.-	460225.-	240415.-	360640.-
	800	3WL1108....	368315.-	469265.-	247810.-	369835.-
	1000	3WL1110....	378030.-	501730.-	271965.-	390580.-
	1250	3WL1112....	457675.-	578830.-	334530.-	476765.-
	1600	3WL1116....	504625.-	635845.-	354055.-	513575.-
II	2000	3WL1220....	558470.-	707360.-	395295.-	566000.-
	2500	3WL1225....	627900.-	822525.-	401910.-	616390.-
	3200	3WL1232....	813435.-	1117155.-	556060.-	935985.-
	4000	3WL1240....	935705.-	1188190.-	756960.-	1025815.-
III	5000	3WL1350....	1545780.-	1961225.-	1379920.-	1811370.-
	6300	3WL1363....	2078140.-	2611440.-	1801475.-	2375445.-

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	27045.-
Protection function LSIN with Current display	12930.-
Protection function LSING with Current display	38775.-

For prices of breakers with other types of microprocessor based trip unit, please consult your nearest sales office

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	99370.-
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	99370.-

Motorized mechanism with other control voltages are available on request

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

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

Standard accessories included for fixed type ACB (EF/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 consult your nearest sales office for complete ordering code.

Add-on options (Factory fitted)

Description	Add LP* ₹
Spring Charge Signal Switch	8570.-
Door Interlock	7260.-
Position Signal Switch for Withdrawable Breaker	18795.-
Castell lock mounting kit*	6120.-
Mutual Mechanical Interlocking (Bowden wire)	Price on request
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) NEW	

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

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil Suitable for continuous operation	-	24	3WA9111-0AD02	16610.-
	110	110	3WA9111-0AD05	16610.-
	230	220	3WA9111-0AD06	16610.-
Under Voltage Release (Instantaneous)	380-415	-	3WA9111-0AE07	18360.-
Motorised Operating Mechanism	-	24-30	3WA9111-0AF02	91825.-
	110-127	110-125	3WA9111-0AF05	91825.-
	208-240	220-250	3WA9111-0AF06	91825.-
Auxiliary Switch Block	2NO+2NC		3WL9111-0AG01-0AA0	11045.-
Castell Lock	-	-	3WX3663-6JEL_ ^s	4970.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please consult your nearest 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

* LP - List Price



SENTRON 3WT^{Plus} Air Circuit Breakers

Unlock the future!!

- **Integrated communication and metering option**
- **Easy parameterization and diagnostics with Powerconfig**
- Wide range with 630A - 4000A current ratings
- 3P & 4P, Fixed & Withdrawable versions
- Available for operating voltages up to 690V AC
- Superior thermal ratings (no derating upto 50°C)

www.siemens.co.in

SIEMENS

ACB: 3WT^{Plus}

- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- $U_{imp} = 12kV$
- **Integrated communication & metering option**
- **Easy parameterization and diagnostics with Powerconfig**
- Mechanical contact erosion indicator
- Fully rated upto 50°C
- Integrated LCD display and Online test facility
- Variants available for 690V AC applications



Standard breaking capacity, 500VAC $I_{cs} = 100\% I_{cu}$

Microprocessor based trip unit ETU37WT: LSING¹⁾ + Display

Frame Size	Rated current In (A)		Withdrawable design with Guide Frame ²⁾			
			3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I	630	MDO	3WT8061-6AA04-5AB2	266815.-	3WT8065-6AA04-5AB2	346865.-
		EDO	3WT8061-6UA34-5AB2	345120.-	3WT8065-6UA34-5AB2	425170.-
	800	MDO	3WT8081-6AA04-5AB2	281585.-	3WT8085-6AA04-5AB2	368615.-
		EDO	3WT8081-6UA34-5AB2	359890.-	3WT8085-6UA34-5AB2	446920.-
	1000	MDO	3WT8101-6AA04-5AB2	289230.-	3WT8105-6AA04-5AB2	375170.-
		EDO	3WT8101-6UA34-5AB2	367535.-	3WT8105-6UA34-5AB2	453475.-
1250	MDO	3WT8121-6AA04-5AB2	355260.-	3WT8125-6AA04-5AB2	422335.-	
	EDO	3WT8121-6UA34-5AB2	433565.-	3WT8125-6UA34-5AB2	500640.-	
● 1600	MDO	3WT8161-6AA04-5AB2	381290.-	3WT8165-6AA04-5AB2	461565.-	
	EDO	3WT8161-6UA34-5AB2	459595.-	3WT8165-6UA34-5AB2	539870.-	
II	● 2000	MDO	3WT8202-6AA04-5AB2	479060.-	3WT8206-6AA04-5AB2	589610.-
		EDO	3WT8202-6UA34-5AB2	557365.-	3WT8206-6UA34-5AB2	667915.-
	● 2500	MDO	3WT8252-6AA04-5AB2	542640.-	3WT8256-6AA04-5AB2	689880.-
		EDO	3WT8252-6UA34-5AB2	620945.-	3WT8256-6UA34-5AB2	768185.-
	● 3200	MDO	3WT8322-6AA04-5AB2	695690.-	3WT8326-6AA04-5AB2	853620.-
		EDO	3WT8322-6UA34-5AB2	773995.-	3WT8326-6UA34-5AB2	931925.-

Microprocessor based Trip Units

ETU35WT: LSI + Display



5

Reduce

1455.-



5

Reduce

1455.-

Microprocessor based trip unit ETU37WT: LSING¹⁾ + Display

Frame Size	Rated current In (A)		Fixed Mounted design ³⁾			
			3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I	630	MF	3WT8061-6AA00-0AA2	196070.-	3WT8065-6AA00-0AA2	265270.-
		EF	3WT8061-6UA30-0AA2	274375.-	3WT8065-6UA30-0AA2	343575.-
	800	MF	3WT8081-6AA00-0AA2	211645.-	3WT8085-6AA00-0AA2	291210.-
		EF	3WT8081-6UA30-0AA2	289950.-	3WT8085-6UA30-0AA2	369515.-
	1000	MF	3WT8101-6AA00-0AA2	215750.-	3WT8105-6AA00-0AA2	308495.-
		EF	3WT8101-6UA30-0AA2	294055.-	3WT8105-6UA30-0AA2	386800.-
1250	MF	3WT8121-6AA00-0AA2	293465.-	3WT8125-6AA00-0AA2	347030.-	
	EF	3WT8121-6UA30-0AA2	371770.-	3WT8125-6UA30-0AA2	425335.-	
● 1600	MF	3WT8161-6AA00-0AA2	299645.-	3WT8165-6AA00-0AA2	371725.-	
	EF	3WT8161-6UA30-0AA2	377950.-	3WT8165-6UA30-0AA2	450030.-	
II	● 2000	MF	3WT8202-6AA00-0AA2	336990.-	3WT8206-6AA00-0AA2	483755.-
		EF	3WT8202-6UA30-0AA2	415295.-	3WT8206-6UA30-0AA2	562060.-
	● 2500	MF	3WT8252-6AA00-0AA2	380385.-	3WT8256-6AA00-0AA2	567970.-
		EF	3WT8252-6UA30-0AA2	458690.-	3WT8256-6UA30-0AA2	646275.-
	● 3200	MF	3WT8322-6AA00-0AA2	579165.-	3WT8326-6AA00-0AA2	713275.-
		EF	3WT8322-6UA30-0AA2	657470.-	3WT8326-6UA30-0AA2	791580.-

Microprocessor based Trip Units

ETU35WT: LSI + Display



5

Reduce

1455.-



5

Reduce

1455.-

For Non-Automatic ACBs please deduct ₹ 3305/- from the LPs of the ACBs marked ●. For type nos. of Non-Automatic ACBs contact nearest sales office

L: Overload protection S: Delayed Short Circuit protection

I: Short circuit protection

G: Ground fault protection¹⁾

N: Neutral protection¹⁾

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

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

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

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

Note: Please contact nearest sales office for information on prices of 4000A ACB.

Additional LP for 690V AC ACB - ₹ 35465/-

Std. Pkg. = 1 unit

* LP - List Price

3WT^{Plus} Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Motorized Operating Mechanism with Electrical closing	110-127	110-125	3WT9831-1JH00	84025.-
	220-240	220-250	3WT9831-1JK00	84025.-
Shunt Release or Closing Coil Suitable for continuous operation	-	24	3WT9851-1JB00	7195.-
	110-127	110-125	3WT9851-1JH00	7195.-
Under Voltage Release Instantaneous	220-240	220-250	3WT9851-1JK00	7195.-
	110-127	110-125	3WT9853-1JH00	7480.-
	208-240	220-250	3WT9853-1JK00	7480.-
Auxiliary Terminal Block	380-415	-	3WT9853-1JM00	7480.-
	Fixed circuit breaker		3WT9825-1JC00	5255.-
	Drawout circuit breaker		3WT9827-1JA00	5255.-
Auxiliary Switch Block	2 Change over		3WT9816-1CE00	3305.-
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		3WT9884-1JC10	16265.-
5 digit operating cycle counter			3WT9864-OCA00	13580.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker			3WT9867-1JC00	12625.-
Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			3WT9867-2JA00	12625.-
Castell Lock Mounting Kit (to prevent unauthorized closing of the circuit breaker)			3WT9863-6JE00	10715.-
Castell Lock			3WX3663-6JEL_#	4970.-
Door Sealing Frame (Also suitable for 3WL ACB)			3WX3686-OJA00	3165.-
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		3WL9111-0AA21-0AA0	25845.-
	Size II		3WL9111-0AA22-0AA0	31425.-
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		3WL9111-0AA31-0AA0	28365.-
	Size II		3WL9111-0AA32-0AA0	32555.-

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	Price on request
Metering function with integrated Voltage tap	
Arc chute cover	
Phase barriers	

Retrofit solution

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

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

Std. Pkg. = 1 unit

* LP - List Price



3VA moulded case circuit breakers

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SIEMENS

MCCB: SENTRON 3VA

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



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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	9575.-	3VA1096-2ED42-0AA0	12415.-
		20	3VA1020-2ED32-0AA0	9575.-	3VA1020-2ED42-0AA0	12415.-
		25	3VA1025-2ED32-0AA0	9575.-	3VA1025-2ED42-0AA0	12415.-
		32	3VA1032-2ED32-0AA0	9575.-	3VA1032-2ED42-0AA0	12415.-
		40	3VA1040-2ED32-0AA0	9575.-	3VA1040-2ED42-0AA0	12415.-
		50	3VA1050-2ED32-0AA0	9575.-	3VA1050-2ED42-0AA0	12415.-
		63	3VA1063-2ED32-0AA0	9575.-	3VA1063-2ED42-0AA0	12415.-
		80	3VA1080-2ED32-0AA0	10475.-	3VA1080-2ED42-0AA0	13605.-
3VA10	25kA	100	3VA1010-2ED32-0AA0	12125.-	3VA1010-2ED42-0AA0	15790.-
		16	3VA1096-3ED32-0AA0	9835.-	3VA1096-3ED42-0AA0	12830.-
		20	3VA1020-3ED32-0AA0	9835.-	3VA1020-3ED42-0AA0	12830.-
		25	3VA1025-3ED32-0AA0	9835.-	3VA1025-3ED42-0AA0	12830.-
		32	3VA1032-3ED32-0AA0	9835.-	3VA1032-3ED42-0AA0	12830.-
		40	3VA1040-3ED32-0AA0	9835.-	3VA1040-3ED42-0AA0	12830.-
		50	3VA1050-3ED32-0AA0	9835.-	3VA1050-3ED42-0AA0	12830.-
		63	3VA1063-3ED32-0AA0	9835.-	3VA1063-3ED42-0AA0	12830.-
3VA11	25kA	80	3VA1080-3ED32-0AA0	10695.-	3VA1080-3ED42-0AA0	13920.-
		100	3VA1010-3ED32-0AA0	12610.-	3VA1010-3ED42-0AA0	16115.-
3VA11	25kA	125	3VA1112-3ED32-0AA0	21260.-	3VA1112-3ED42-0AA0	27090.-
		160	3VA1116-3ED32-0AA0	24275.-	3VA1116-3ED42-0AA0	31590.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	10380.-	3VA1196-4GD42-0AA0	14365.-
		20	3VA1020-4ED32-0AA0	10380.-	3VA1120-4GD42-0AA0	14365.-
		25	3VA1025-4ED32-0AA0	10380.-	3VA1125-4GD42-0AA0	14365.-
		32	3VA1032-4ED32-0AA0	10380.-	3VA1132-4GD42-0AA0	14365.-
		40	3VA1040-4ED32-0AA0	10380.-	3VA1140-4GD42-0AA0	14365.-
		50	3VA1050-4ED32-0AA0	10380.-	3VA1150-4GD42-0AA0	14365.-
		63	3VA1063-4ED32-0AA0	10380.-	3VA1163-4GD42-0AA0	14365.-
		80	3VA1080-4ED32-0AA0	10890.-	3VA1180-4GD42-0AA0	15750.-
3VA11	36kA	100	3VA1010-4ED32-0AA0	13115.-	3VA1110-4GD42-0AA0	18195.-
		125	3VA1112-4ED32-0AA0	22655.-	3VA1112-4GD42-0AA0	29450.-
3VA11	36kA	160	3VA1116-4ED32-0AA0	26415.-	3VA1116-4GD42-0AA0	34345.-
		16	3VA1196-5ED32-0AA0	12165.-	3VA1196-5GD42-0AA0	15790.-
3VA11	55kA	20	3VA1120-5ED32-0AA0	12165.-	3VA1120-5GD42-0AA0	15790.-
		25	3VA1125-5ED32-0AA0	12165.-	3VA1125-5GD42-0AA0	15790.-
		32	3VA1132-5ED32-0AA0	12165.-	3VA1132-5GD42-0AA0	15790.-
		40	3VA1140-5ED32-0AA0	12165.-	3VA1140-5GD42-0AA0	15790.-
		50	3VA1150-5ED32-0AA0	12165.-	3VA1150-5GD42-0AA0	15790.-
		63	3VA1163-5ED32-0AA0	12400.-	3VA1163-5GD42-0AA0	15790.-
		80	3VA1180-5ED32-0AA0	13345.-	3VA1180-5GD42-0AA0	17340.-
		100	3VA1110-5ED32-0AA0	15450.-	3VA1110-5GD42-0AA0	20040.-
		125	3VA1112-5ED32-0AA0	24895.-	3VA1112-5GD42-0AA0	32355.-
		160	3VA1116-5ED32-0AA0	29030.-	3VA1116-5GD42-0AA0	37775.-

[^] 3VA1 TMTU up to 160A

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

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	12485.-	3VA1196-3GE42-0AA0	17880.-
		20	3VA1120-3EE32-0AA0	12485.-	3VA1120-3GE42-0AA0	17880.-
		25	3VA1125-3EE32-0AA0	12485.-	3VA1125-3GE42-0AA0	17880.-
		32	3VA1132-3EE32-0AA0	12485.-	3VA1132-3GE42-0AA0	17880.-
		40	3VA1140-3EE32-0AA0	12485.-	3VA1140-3GE42-0AA0	17880.-
		50	3VA1150-3EE32-0AA0	12485.-	3VA1150-3GE42-0AA0	17880.-
		63	3VA1163-3EE32-0AA0	12485.-	3VA1163-3GE42-0AA0	17880.-
		80	3VA1180-3EE32-0AA0	12485.-	3VA1180-3GE42-0AA0	17880.-
		100	3VA1110-3EE32-0AA0	13345.-	3VA1110-3GE42-0AA0	17880.-
		125	3VA1112-3EE32-0AA0	22655.-	3VA1112-3GE42-0AA0	27895.-
3VA11	36kA	16	3VA1196-4EE32-0AA0	15415.-	3VA1196-4GE42-0AA0	20175.-
		20	3VA1120-4EE32-0AA0	15415.-	3VA1120-4GE42-0AA0	20175.-
		25	3VA1125-4EE32-0AA0	15415.-	3VA1125-4GE42-0AA0	20175.-
		32	3VA1132-4EE32-0AA0	15415.-	3VA1132-4GE42-0AA0	20175.-
		40	3VA1140-4EE32-0AA0	15415.-	3VA1140-4GE42-0AA0	20175.-
		50	3VA1150-4EE32-0AA0	15415.-	3VA1150-4GE42-0AA0	20175.-
		63	3VA1163-4EE32-0AA0	15415.-	3VA1163-4GE42-0AA0	20175.-
		80	3VA1180-4EE32-0AA0	15415.-	3VA1180-4GE42-0AA0	20175.-
		100	3VA1110-4EE32-0AA0	15415.-	3VA1110-4GE42-0AA0	20175.-
		125	3VA1112-4EE32-0AA0	23720.-	3VA1112-4GE42-0AA0	30220.-
3VA12		160	3VA1116-4EE32-0AA0	27145.-	3VA1116-4GE42-0AA0	35230.-
		200	3VA1220-4EE32-0AA0	34245.-	3VA1220-4GE42-0AA0	42195.-
3VA13		250	3VA1225-4EE32-0AA0	36305.-	3VA1225-4GE42-0AA0	45580.-
		320	3VA1332-4EE32-0AA0	48680.-	3VA1332-4GE42-0AA0	63025.-
3VA14		400	3VA1340-4EE32-0AA0	48680.-	3VA1340-4GE42-0AA0	63025.-
		500	3VA1450-4EE32-0AA0	62830.-	3VA1450-4GE42-0AA0	81395.-
3VA11	55kA	630	3VA1463-4EE32-0AA0	62830.-	3VA1463-4GE42-0AA0	81395.-
		16	3VA1196-5EE32-0AA0	17565.-	3VA1196-5GE42-0AA0	22200.-
		20	3VA1120-5EE32-0AA0	17565.-	3VA1120-5GE42-0AA0	22200.-
		25	3VA1125-5EE32-0AA0	17565.-	3VA1125-5GE42-0AA0	22200.-
		32	3VA1132-5EE32-0AA0	17565.-	3VA1132-5GE42-0AA0	22200.-
		40	3VA1140-5EE32-0AA0	17565.-	3VA1140-5GE42-0AA0	22200.-
		50	3VA1150-5EE32-0AA0	17565.-	3VA1150-5GE42-0AA0	22200.-
		63	3VA1163-5EE32-0AA0	17565.-	3VA1163-5GE42-0AA0	22200.-
		80	3VA1180-5EE32-0AA0	17565.-	3VA1180-5GE42-0AA0	22200.-
		100	3VA1110-5EE32-0AA0	17565.-	3VA1110-5GE42-0AA0	22200.-
3VA12		125	3VA1112-5EE32-0AA0	27585.-	3VA1112-5GE42-0AA0	33130.-
		160	3VA1116-5EE32-0AA0	29840.-	3VA1116-5GE42-0AA0	38515.-
		200	3VA1220-5EE32-0AA0	35660.-	3VA1220-5GE42-0AA0	43555.-
3VA13		250	3VA1225-5EE32-0AA0	37810.-	3VA1225-5GE42-0AA0	47900.-
		320	3VA1332-5EE32-0AA0	55510.-	3VA1332-5GE42-0AA0	69540.-
3VA14		400	3VA1340-5EE32-0AA0	55510.-	3VA1340-5GE42-0AA0	69540.-
		500	3VA1450-5EE32-0AA0	71795.-	3VA1450-5GE42-0AA0	89690.-
3VA15		630	3VA1463-5EE32-0AA0	71795.-	3VA1463-5GE42-0AA0	89690.-
		800#	3VA1580-5EF32-0AA0	107265.-	3VA1580-5GF42-0AA0	139005.-
3VA11	70kA	1000#	3VA1510-5EF32-0AA0	149850.-	3VA1510-5GF42-0AA0	194450.-
		16	3VA1196-6EE32-0AA0	24030.-	3VA1196-6GE42-0AA0	30210.-
		20	3VA1120-6EE32-0AA0	24030.-	3VA1120-6GE42-0AA0	30210.-
		25	3VA1125-6EE32-0AA0	24030.-	3VA1125-6GE42-0AA0	30210.-
		32	3VA1132-6EE32-0AA0	24030.-	3VA1132-6GE42-0AA0	30210.-
		40	3VA1140-6EE32-0AA0	24030.-	3VA1140-6GE42-0AA0	30210.-
		50	3VA1150-6EE32-0AA0	24030.-	3VA1150-6GE42-0AA0	30210.-
		63	3VA1163-6EE32-0AA0	24030.-	3VA1163-6GE42-0AA0	30210.-
		80	3VA1180-6EE32-0AA0	24030.-	3VA1180-6GE42-0AA0	30210.-
		100	3VA1110-6EE32-0AA0	24030.-	3VA1110-6GE42-0AA0	30210.-
3VA12		125	3VA1112-6EE32-0AA0	44680.-	3VA1112-6GE42-0AA0	47915.-
		160	3VA1116-6EE32-0AA0	44680.-	3VA1116-6GE42-0AA0	47915.-
		200	3VA1220-6EE32-0AA0	48090.-	3VA1220-6GE42-0AA0	61880.-
3VA13		250	3VA1225-6EE32-0AA0	53895.-	3VA1225-6GE42-0AA0	61880.-
		320	3VA1332-6EE32-0AA0	60845.-	3VA1332-6GE42-0AA0	78660.-
3VA14		400	3VA1340-6EE32-0AA0	60845.-	3VA1340-6GE42-0AA0	78660.-
		500	3VA1450-6EE32-0AA0	86490.-	3VA1450-6GE42-0AA0	112135.-
3VA15		630	3VA1463-6EE32-0AA0	86490.-	3VA1463-6GE42-0AA0	112135.-
		800#	3VA1580-6EF32-0AA0	118120.-	3VA1580-6GF42-0AA0	153070.-
		1000#	3VA1510-6EF32-0AA0	164715.-	3VA1510-6GF42-0AA0	214125.-

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

Circuit Breakers

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

For lower ratings, kindly contact nearest 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*	16150.-	3VA1181-6MG32-0AA0*	19835.-
	2	3VA1102-5MG32-0AA0*	16150.-	3VA1102-6MG32-0AA0*	19835.-
	4	3VA1104-5MG32-0AA0*	16150.-	3VA1104-6MG32-0AA0*	19835.-
	8	3VA1108-5MG32-0AA0*	16150.-	3VA1108-6MG32-0AA0*	19835.-
	12.5	3VA1192-5MG32-0AA0*	16150.-	3VA1192-6MG32-0AA0*	19835.-
	20	3VA1120-5MH32-0AA0	16150.-	3VA1120-6MH32-0AA0	19835.-
	32	3VA1132-5MH32-0AA0	19295.-	3VA1132-6MH32-0AA0	20790.-
	40	3VA1140-5MH32-0AA0	19295.-	3VA1140-6MH32-0AA0	20790.-
	50	3VA1150-5MH32-0AA0	19295.-	3VA1150-6MH32-0AA0	20790.-
	63	3VA1163-5MH32-0AA0	19295.-	3VA1163-6MH32-0AA0	20790.-
	80	3VA1180-5MH32-0AA0	19295.-	3VA1180-6MH32-0AA0	20790.-
	100	3VA1110-5MH32-0AA0	19295.-	3VA1110-6MH32-0AA0	20790.-
	125	3VA1112-5MH32-0AA0	27675.-	3VA1112-6MH32-0AA0	29915.-
	3VA12	160	3VA1216-5MH32-0AA0	29040.-	3VA1216-6MH32-0AA0
200		3VA1220-5MH32-0AA0	39940.-	3VA1220-6MH32-0AA0	49015.-
3VA13	250	3VA1325-5MH32-0AA0	43580.-	3VA1325-6MH32-0AA0	49605.-
	320	3VA1332-5MH32-0AA0	59805.-	3VA1332-6MH32-0AA0	68150.-
3VA14	400	3VA1440-5MH32-0AA0	68460.-	3VA1440-6MH32-0AA0	71525.-
	500	3VA1450-5MH32-0AA0	78810.-	3VA1450-6MH32-0AA0	89475.-
3VA15	630	3VA1563-5MH32-0AA0	90855.-	3VA1563-6MH32-0AA0	98975.-
	800	3VA1580-5MH32-0AA0	120680.-	3VA1580-6MH32-0AA0	132885.-

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	13555.-	3VA1163-1AA42-0AA0	20030.-
		100	3VA1110-1AA32-0AA0	13555.-	3VA1110-1AA42-0AA0	20030.-
		125	3VA1112-1AA32-0AA0	27730.-	3VA1112-1AA42-0AA0	36970.-
		160	3VA1116-1AA32-0AA0	27730.-	3VA1116-1AA42-0AA0	36970.-
3VA12	NA	250	3VA1225-1AA32-0AA0	27730.-	3VA1225-1AA42-0AA0	36970.-
3VA13	NA	400	3VA1340-1AA32-0AA0	35770.-	3VA1340-1AA42-0AA0	46505.-

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	5375.-	
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	1855.-
	4P	7UG09911	2115.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 250A	3P	7UG09912	2240.-
	4P	7UG09913	2640.-
CBCT for EFR: 630 frame Suitable for 3VA2 400A/ 630A	3P	7UG09914	3300.-
	4P	7UG09915	3570.-



Earth leakage monitoring relay

Description	Type	Unit LP* ₹	
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	5200.-
	230VAC	7UG0842-1CD20	5250.-
CBCT for ELR	35 mm dia	7UG0996	1895.-
	70 mm dia	7UG0997	2160.-
	120 mm dia	7UG0999	3680.-
	210 mm dia	7UG0994	7085.-
	310 mm dia	7UG0995	10555.-



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

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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.

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



Predictive maintenance



Improved organization of personnel and material costs



Optimized energy availability



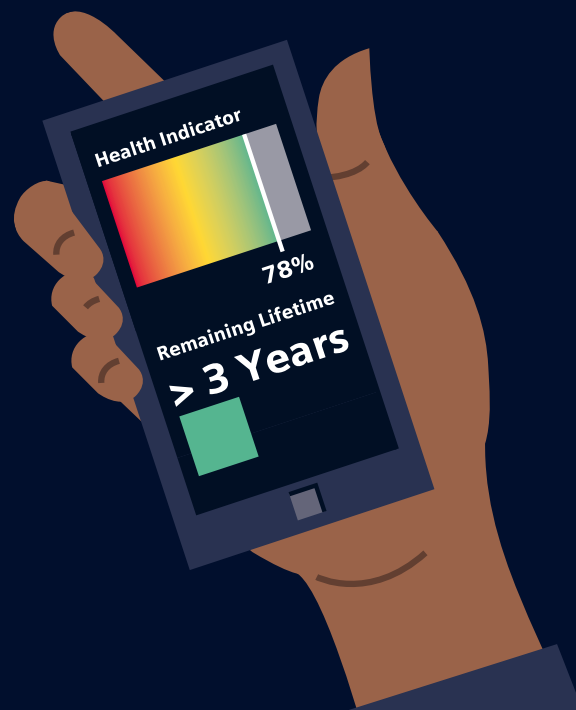
Reduced time and costs for maintenance



When time savings go hand in hand with optimized plant reliability



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



SENTRON 3VA - Flying on the wings of technology

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	28875.-	3VA2025-4HL42-0AA0	37225.-
		40	3VA2040-4HL32-0AA0	28875.-	3VA2040-4HL42-0AA0	37225.-
		63	3VA2063-4HL32-0AA0	28875.-	3VA2063-4HL42-0AA0	37225.-
		100	3VA2010-4HL32-0AA0	28875.-	3VA2010-4HL42-0AA0	37225.-
		160	3VA2116-4HL32-0AA0	39035.-	3VA2116-4HL42-0AA0	54480.-
		250	3VA2225-4HL32-0AA0	53570.-	3VA2225-4HL42-0AA0	72640.-
3VA21	36kA	400	3VA2340-4HL32-0AA0	71575.-	3VA2340-4HL42-0AA0	94210.-
3VA22		630	3VA2463-4HL32-0AA0	74415.-	3VA2463-4HL42-0AA0	98605.-
3VA23		25	3VA2025-5HL32-0AA0	36720.-	3VA2025-5HL42-0AA0	50300.-
3VA24		40	3VA2040-5HL32-0AA0	36720.-	3VA2040-5HL42-0AA0	50300.-
		63	3VA2063-5HL32-0AA0	36720.-	3VA2063-5HL42-0AA0	50300.-
100		3VA2010-5HL32-0AA0	36720.-	3VA2010-5HL42-0AA0	50300.-	
3VA20	55kA	160	3VA2116-5HL32-0AA0	46540.-	3VA2116-5HL42-0AA0	60270.-
		250	3VA2225-5HL32-0AA0	60810.-	3VA2225-5HL42-0AA0	80285.-
		400	3VA2340-5HL32-0AA0	77175.-	3VA2340-5HL42-0AA0	101140.-
		630	3VA2463-5HL32-0AA0	94800.-	3VA2463-5HL42-0AA0	105870.-
		800	3VA2580-5HL32-0AA0	138615.-	3VA2580-5HL42-0AA0	177320.-
		1000	3VA2510-5HL32-0AA0	183675.-	3VA2510-5HL42-0AA0	245210.-
3VA21	55kA	1250	3VA2612-5HL32-0AA0	260410.-	3VA2612-5HL42-0AA0	347730.-
3VA22		25	3VA2025-6HL32-0AA0	48000.-	3VA2025-6HL42-0AA0	59470.-
3VA23		40	3VA2040-6HL32-0AA0	48000.-	3VA2040-6HL42-0AA0	59470.-
		63	3VA2063-6HL32-0AA0	48000.-	3VA2063-6HL42-0AA0	59470.-
3VA24		100	3VA2010-6HL32-0AA0	48000.-	3VA2010-6HL42-0AA0	59470.-
		160	3VA2116-6HL32-0AA0	62940.-	3VA2116-6HL42-0AA0	80350.-
3VA20	85kA	250	3VA2225-6HL32-0AA0	69900.-	3VA2225-6HL42-0AA0	101800.-
		400	3VA2340-6HL32-0AA0	87720.-	3VA2340-6HL42-0AA0	115185.-
		630	3VA2463-6HL32-0AA0	104790.-	3VA2463-6HL42-0AA0	139825.-
		800	3VA2580-6HL32-0AA0	152400.-	3VA2580-6HL42-0AA0	202720.-
		1000	3VA2510-6HL32-0AA0	210050.-	3VA2510-6HL42-0AA0	280385.-
		1250	3VA2612-6HL32-0AA0	297610.-	3VA2612-6HL42-0AA0	398365.-

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	39770.-	3VA2025-4HM42-0AA0	49025.-
		40	3VA2040-4HM32-0AA0	39770.-	3VA2040-4HM42-0AA0	49025.-
		63	3VA2063-4HM32-0AA0	39770.-	3VA2063-4HM42-0AA0	49025.-
		100	3VA2010-4HM32-0AA0	39770.-	3VA2010-4HM42-0AA0	49025.-
		160	3VA2116-4HM32-0AA0	50300.-	3VA2116-4HM42-0AA0	62645.-
		250	3VA2225-4HM32-0AA0	63565.-	3VA2225-4HM42-0AA0	79900.-
3VA21	36kA	400	3VA2340-4HM32-0AA0	85490.-	3VA2340-4HM42-0AA0	107835.-
3VA22		630	3VA2463-4HM32-0AA0	94045.-	3VA2463-4HM42-0AA0	118600.-
3VA23		25	3VA2025-5HM32-0AA0	45330.-	3VA2025-5HM42-0AA0	51940.-
		40	3VA2040-5HM32-0AA0	45330.-	3VA2040-5HM42-0AA0	51940.-
3VA24		63	3VA2063-5HM32-0AA0	45330.-	3VA2063-5HM42-0AA0	51940.-
		100	3VA2010-5HM32-0AA0	46265.-	3VA2010-5HM42-0AA0	54290.-
3VA20	55kA	160	3VA2116-5HM32-0AA0	62330.-	3VA2116-5HM42-0AA0	74795.-
		250	3VA2225-5HM32-0AA0	76015.-	3VA2225-5HM42-0AA0	94865.-
		400	3VA2340-5HM32-0AA0	91785.-	3VA2340-5HM42-0AA0	115775.-
		630	3VA2463-5HM32-0AA0	100980.-	3VA2463-5HM42-0AA0	127335.-
		800	3VA2580-5HM32-0AA0	146540.-	3VA2580-5HM42-0AA0	190510.-
		1000	3VA2510-5HM32-0AA0	196860.-	3VA2510-5HM42-0AA0	258405.-
3VA21	55kA	1250	3VA2612-5HM32-0AA0	275395.-	3VA2612-5HM42-0AA0	363750.-
3VA22		25	3VA2025-6HM32-0AA0	56600.-	3VA2025-6HM42-0AA0	68835.-
		40	3VA2040-6HM32-0AA0	56600.-	3VA2040-6HM42-0AA0	68835.-
3VA23		63	3VA2063-6HM32-0AA0	56600.-	3VA2063-6HM42-0AA0	68835.-
		100	3VA2010-6HM32-0AA0	56600.-	3VA2010-6HM42-0AA0	68835.-
3VA24		160	3VA2116-6HM32-0AA0	72110.-	3VA2116-6HM42-0AA0	90515.-
	250	3VA2225-6HM32-0AA0	84455.-	3VA2225-6HM42-0AA0	118490.-	
3VA20	85kA	400	3VA2340-6HM32-0AA0	102330.-	3VA2340-6HM42-0AA0	129795.-
		630	3VA2463-6HM32-0AA0	112560.-	3VA2463-6HM42-0AA0	142790.-
		800	3VA2580-6HM32-0AA0	165110.-	3VA2580-6HM42-0AA0	215910.-
		1000	3VA2510-6HM32-0AA0	222750.-	3VA2510-6HM42-0AA0	293570.-
		1250	3VA2612-6HM32-0AA0	313110.-	3VA2612-6HM42-0AA0	414380.-

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)	3VA99880AA12 (1 C/O)	2190.-	3VA99880AA12 (1 C/O)	2190.-
Alarm switch (TAS)	3VA99880AB12 (1 C/O)	3380.-	3VA99880AB12 (1 C/O)	3380.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA99880AB32 (for 3VA10/ 11 100A/ 160A) 3VA99880AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	1805.- 1805.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA99880AB22	1805.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz	3VA99080BB24	5175.-	3VA99080BB24	5175.-
208-230 V AC 50/60 Hz	3VA99080BB25	5175.-	3VA99080BB25	5175.-
380-400 V AC 50/60 Hz	3VA99080BB26	5175.-	3VA99080BB26	5175.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz	3VA99880BA22	3900.-	3VA99880BA22	3900.-
208-277 V AC 50/60 Hz	3VA99880BA23	3900.-	3VA99880BA23	3900.-
380-500 V AC 50/60 Hz	3VA99880BA24	3900.-	3VA99880BA24	3900.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz	3VA99880BL32	3900.-	3VA99880BL32	3900.-
208-277 V AC 50/60 Hz	3VA99880BL33	3900.-	3VA99880BL33	3900.-
380-500 V AC 50/60 Hz	3VA99880BL20	3900.-	3VA99880BL20	3900.-
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)	2805.- 2950.- 4625.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)	2950.- 4625.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	11185.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	11185.-
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)	6675.- 7340.- 9330.- 13260.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	7340.- 9330.- 13260.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. (for 3VA10/ 11/ 12/ 13/ 14)	5590.-	8UC60701YQ.. (for 3VA20/ 21/ 22/ 23/ 24)	5590.-
Sliding Bar Interlock (for same size breakers with Toggle Lever)	3VA91580VF30 (for 3VA10/ 11 100A/160A) 3VA92580VF30 (for 3VA12 250A) 3VA93680VF30 (for 3VA13/ 14 400A/ 630A)	6675.- 6930.- 7825.-	3VA91680VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA93680VF30 (for 3VA23/ 24 400A/ 630A)	7340.- 7825.-
Locking device for breaker with Toggle lever	3VA90880LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A) 3VA93880LB10 (for 3VA13/ 14 400A/ 630A) 3VA95880LB10 (3VA15 800/ 1000A)	2040.- 2685.- 5795.-	3VA93880LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA95880LB10 (3VA25/26 800/ 1000/ 1250A)	2685.- 5795.-
Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC	3VA91570HA20 (for 3VA11 160A) 3VA92570HA20 (for 3VA12 250A) 3VA94670HA20 (for 3VA13/ 14 400A/ 630A)	22410.- 29235.- 34625.-	3VA92670HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA94670HA20 (for 3VA23/ 24 400A/ 630A)	29325.- 34625.-
Spreader links - Broadened (with phase barriers)	3VA91530QC50 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA91540QC50 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA92530QC50 (for 3pole, 3VA12 250A) 3VA92540QC50 (for 4pole, 3VA12 250A) 3VA94830QC50 (for 3pole 3VA13/ 14 400A/ 630A) 3VA94840QC50 (for 4pole 3VA13/ 14 400A/ 630A)	1155.- 1480.- 1445.- 1920.- 1940.- 2510.-	3VA92630QC50 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA92640QC50 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA94830QC50 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA94840QC50 (for 4pole, 3VA23/ 24 400A/ 630A)	1560.- 2040.- 1940.- 2510.-
Busbar extensions (with phase barriers)	3VA96030QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA96040QB00 (for 4pole, 3VA15 800A/ 1000A)	6150.- 8215.-	3VA96030QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA96040QB00 (for 4pole, 3VA25 800A/ 1000A)	6150.- 8215.-
Rear Terminals - Flat 1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole)	3VA91130QE00 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA91140QE00 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA92130QE00 (for 3pole, 3VA12 250A) 3VA92140QE00 (for 4pole, 3VA12 250A) 3VA94030QE00 (for 3pole, 3VA13/ 14 400A/ 630A) 3VA94040QE00 (for 4pole, 3VA13/ 14 400A/ 630A)	2290.- 3095.- 2925.- 3920.- 4750.- 6335.-	3VA92030QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA92040QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA94030QE00 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA94040QE00 (for 4pole, 3VA23/ 24 400A/ 630A)	2925.- 3920.- 4750.- 6335.-
Phase Barriers (1 set = 2 phase barriers)	3VA91520WA00 (for 3VA10/ 11 100A/ 160A) 3VA92520WA00 (for 3VA12 250A) 3VA94820WA00 (for 3VA13/ 14 400A/ 630A) 3VA96020WA00 (for 3VA15 800A/ 1000A)	435.- 435.- 1025.- 1030.-	3VA92620WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA94820WA00 (for 3VA23/ 24 400A/ 630A) 3VA96020WA00 (for 3VA25/26 800A/1000A/1250A)	435.- 1025.- 1030.-
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)	Price on request	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	Price on request

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, contact our nearest Sales Office.

For side mounted handles please contact our nearest Sales Office.

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

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.

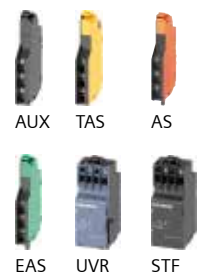
1) Door mounted rotary handles are not available for 1pole/ 2pole 3VA1 MCCBs

^ 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



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/ LSIIG protection
- Short-circuit breaking capacity 55kA to 110 kA @ 415 V AC
- Communication via Modbus TCP, Modbus RTU, PROFIBUS & PROFINET
- Metering function according to IEC 61557-12






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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	278055.-	3VA2712-5AB13-0AA0	373980.-
		1600	3VA2716-5AB03-0AA0	384820.-	3VA2716-5AB13-0AA0	517860.-
	85kA	1250	3VA2712-6AB03-0AA0	305460.-	3VA2712-6AB13-0AA0	411085.-
		1600	3VA2716-6AB03-0AA0	422505.-	3VA2716-6AB13-0AA0	569240.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIIG, Ics = 100% Icu, 415VAC, 50Hz [§] (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	300895.-	3VA2712-5AD13-0AA0	396240.-
		1600	3VA2716-5AD03-0AA0	407090.-	3VA2716-5AD13-0AA0	540120.-
	85kA	1250	3VA2712-6AD03-0AA0	327725.-	3VA2712-6AD13-0AA0	433925.-
		1600	3VA2716-6AD03-0AA0	444775.-	3VA2716-6AD13-0AA0	593790.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	5050.-	1
	Alarm switch (TAS)	3VW9011-0AH14	2495.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	11620.-	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	12580.-	1
	Extended Door Mounted Rotary Operator [^] (Standard - Gray)	3VW9727-0FK21	11185.-	1

[§] Toggle lever variants [^]3VA27 extended door mounted rotary operator (imported) with 8UD handles

All MCCBs are suitable for Front Terminals connection only.

Accessories can also be offered in factory fitted options

Please get in touch with nearest sales office for more Auxiliary combinations & choice of accessories

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



SIMARIS software tools

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distribution system

SIMARIS design

Power distribution network planning

- From medium-voltage in-feed down to final distribution
- Based on calculations as per IS/ IEC standards
- With automatic selection of appropriate switchgear & components

SIMARIS curves

Visualization & evaluation of:

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

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The graphic shows the SIMARIS Suite logo (a blue hexagon with a white 'S') and four software tools arranged in a 2x2 grid. Each tool has a small icon and a text label.

- SIMARIS Suite** (represented by the main logo)
- SIMARIS design 10.0** (represented by a yellow icon of a power source and a circuit breaker)
- SIMARIS curves 6.2** (represented by a yellow icon of a circuit diagram)
- SIMARIS project 6.3** (represented by a blue icon of a circuit diagram)
- SIMARIS Online Toolbox** (represented by a blue icon of a toolbox)

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3VM moulded case circuit breaker

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MCCB: SENTRON 3VM

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 16kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM, AM, FM)
- Switch disconnectors
- Common Internal accessories for the entire range
- Knowledge Manager (QR Code)



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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit MRP [®] ₹	4 Pole Type	Unit MRP [®] ₹
3VM10	16kA	16	3VM10962ED320AA0	8595.-	3VM10962ED420AA0	11140.-
		20	3VM10202ED320AA0	8595.-	3VM10202ED420AA0	11140.-
		25	3VM10252ED320AA0	8595.-	3VM10252ED420AA0	11140.-
		32	3VM10322ED320AA0	8595.-	3VM10322ED420AA0	11140.-
		40	3VM10402ED320AA0	8595.-	3VM10402ED420AA0	11140.-
		50	3VM10502ED320AA0	8595.-	3VM10502ED420AA0	11140.-
		63	3VM10632ED320AA0	8595.-	3VM10632ED420AA0	11140.-
		80	3VM10802ED320AA0	9395.-	3VM10802ED420AA0	12200.-
3VM10	25kA	100	3VM10102ED320AA0	10195.-	3VM10102ED420AA0	13280.-
		16	3VM10963ED320AA0	8910.-	3VM10963ED420AA0	11630.-
		20	3VM10203ED320AA0	8910.-	3VM10203ED420AA0	11630.-
		25	3VM10253ED320AA0	8910.-	3VM10253ED420AA0	11630.-
		32	3VM10323ED320AA0	8910.-	3VM10323ED420AA0	11630.-
		40	3VM10403ED320AA0	8910.-	3VM10403ED420AA0	11630.-
		50	3VM10503ED320AA0	8910.-	3VM10503ED420AA0	11630.-
		63	3VM10633ED320AA0	8910.-	3VM10633ED420AA0	11630.-
3VM11		80	3VM10803ED320AA0	9700.-	3VM10803ED420AA0	12615.-
		100	3VM10103ED320AA0	10415.-	3VM10103ED420AA0	13555.-
		125	3VM11123ED320AA0	13350.-	3VM11123ED420AA0	17625.-
		160	3VM11163ED320AA0	17415.-	3VM11163ED420AA0	22050.-

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM11964ED320AA0	9400.-	3VM11964GD420AA0	13015.-
		20	3VM11204ED320AA0	9400.-	3VM11204GD420AA0	13015.-
		25	3VM11254ED320AA0	9400.-	3VM11254GD420AA0	13015.-
		32	3VM11324ED320AA0	9400.-	3VM11324GD420AA0	13015.-
		40	3VM11404ED320AA0	9400.-	3VM11404GD420AA0	13015.-
		50	3VM11504ED320AA0	9400.-	3VM11504GD420AA0	13015.-
		63	3VM11634ED320AA0	9400.-	3VM11634GD420AA0	13015.-
		80	3VM11804ED320AA0	9870.-	3VM11804GD420AA0	14270.-
		100	3VM11104ED320AA0	11455.-	3VM11104GD420AA0	16490.-
		125	3VM11124ED320AA0	20110.-	3VM11124GD420AA0	26140.-
3VM12		160	3VM11164ED320AA0	22215.-	3VM11164GD420AA0	28885.-
		200	3VM12204ED320AA0	23865.-	3VM12204GD420AA0	29540.-
3VM13		250	3VM12254ED320AA0	31830.-	3VM12254GD420AA0	37505.-
		320	3VM13324ED320AA0	43180.-	3VM13324GD420AA0	53395.-
3VM14		400	3VM13404ED320AA0	44320.-	3VM13404GD420AA0	54535.-
		500	3VM14504ED320AA0	48755.-	3VM14504GD420AA0	58975.-
		630	3VM14634ED320AA0	48755.-	3VM14634GD420AA0	58975.-

^ 3VM11 TMTU up to 160A

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

* LP - List Price

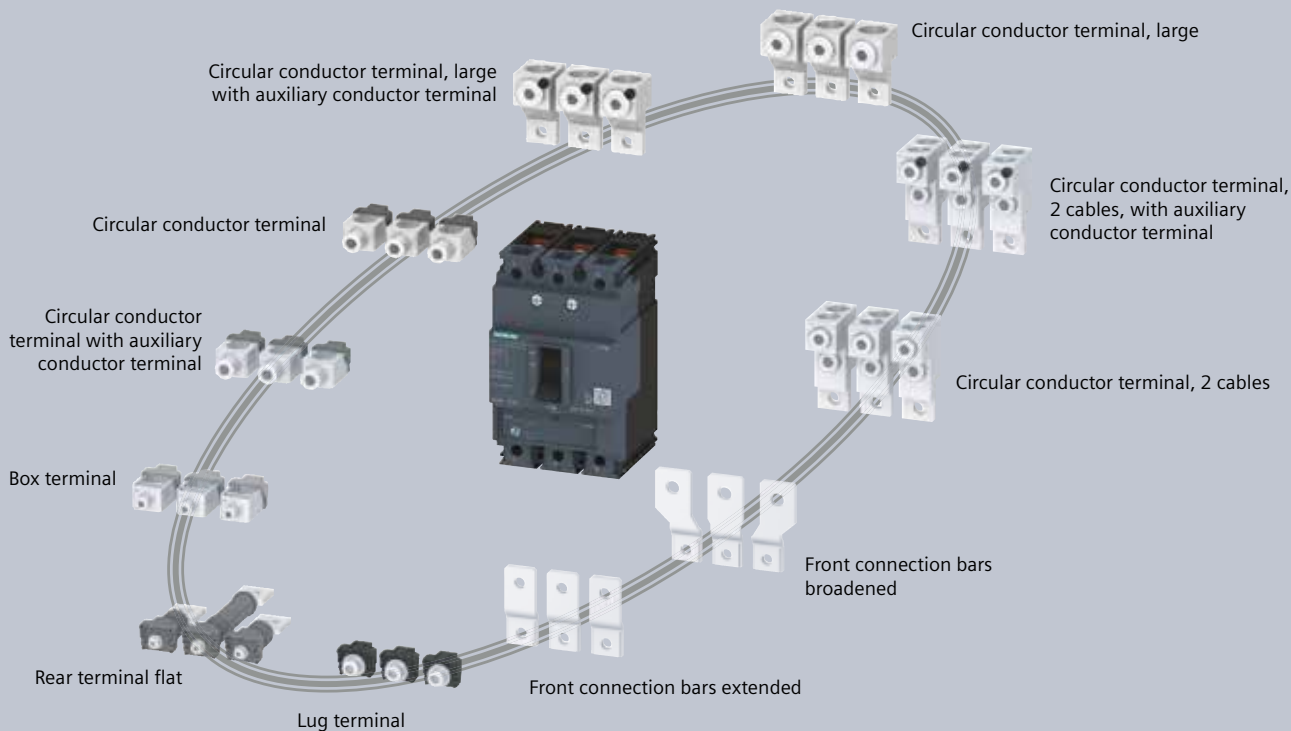
® MRP - Max. Retail Price

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	3VM11965ED320AA0	10805.-	3VM11965GD420AA0	14020.-
		20	3VM11205ED320AA0	10805.-	3VM11205GD420AA0	14020.-
		25	3VM11255ED320AA0	10805.-	3VM11255GD420AA0	14020.-
		32	3VM11325ED320AA0	10805.-	3VM11325GD420AA0	14020.-
		40	3VM11405ED320AA0	10805.-	3VM11405GD420AA0	14020.-
		50	3VM11505ED320AA0	10805.-	3VM11505GD420AA0	14020.-
		63	3VM11635ED320AA0	10805.-	3VM11635GD420AA0	14020.-
		80	3VM11805ED320AA0	11840.-	3VM11805GD420AA0	15390.-
		100	3VM11105ED320AA0	13715.-	3VM11105GD420AA0	17800.-
		125	3VM11125ED320AA0	22100.-	3VM11125GD420AA0	28730.-
		160	3VM11165ED320AA0	24415.-	3VM11165GD420AA0	31770.-
3VM12		200	3VM12205ED320AA0	26410.-	3VM12205GD420AA0	33465.-
		250	3VM12255ED320AA0	34375.-	3VM12255GD420AA0	41435.-
3VM13		320	3VM13325ED320AA0	46825.-	3VM13325GD420AA0	56210.-
		400	3VM13405ED320AA0	47975.-	3VM13405GD420AA0	57355.-
3VM14		500	3VM14505ED320AA0	52400.-	3VM14505GD420AA0	61780.-
		630	3VM14635ED320AA0	52400.-	3VM14635GD420AA0	61780.-

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	3VM11963EE320AA0	10580.-	3VM11963GE420AA0	15950.-
		20	3VM11203EE320AA0	10580.-	3VM11203GE420AA0	15950.-
		25	3VM11253EE320AA0	10580.-	3VM11253GE420AA0	15950.-
		32	3VM11323EE320AA0	10580.-	3VM11323GE420AA0	15950.-
		40	3VM11403EE320AA0	10580.-	3VM11403GE420AA0	15950.-
		50	3VM11503EE320AA0	10580.-	3VM11503GE420AA0	15950.-
		63	3VM11633EE320AA0	10580.-	3VM11633GE420AA0	15950.-
		80	3VM11803EE320AA0	10580.-	3VM11803GE420AA0	15950.-
		100	3VM11103EE320AA0	10580.-	3VM11103GE420AA0	15950.-
		125	3VM11123EE320AA0	13660.-	3VM11123GE420AA0	18685.-
		160	3VM11163EE320AA0	18790.-	3VM11163GE420AA0	23920.-
3VM11	36kA	16	3VM11964EE320AA0	13685.-	3VM11964GE420AA0	17915.-
		20	3VM11204EE320AA0	13685.-	3VM11204GE420AA0	17915.-
		25	3VM11254EE320AA0	13685.-	3VM11254GE420AA0	17915.-
		32	3VM11324EE320AA0	13685.-	3VM11324GE420AA0	17915.-
		40	3VM11404EE320AA0	13685.-	3VM11404GE420AA0	17915.-
		50	3VM11504EE320AA0	13685.-	3VM11504GE420AA0	17915.-
		63	3VM11634EE320AA0	13685.-	3VM11634GE420AA0	17915.-
		80	3VM11804EE320AA0	13685.-	3VM11804GE420AA0	17915.-
		100	3VM11104EE320AA0	13685.-	3VM11104GE420AA0	17915.-
		125	3VM11124EE320AA0	21065.-	3VM11124GE420AA0	26825.-
		160	3VM11164EE320AA0	22825.-	3VM11164GE420AA0	29630.-
3VM12		200	3VM12204EE320AA0	33015.-	3VM12204GE420AA0	38525.-
		250	3VM12254EE320AA0	33015.-	3VM12254GE420AA0	38525.-
3VM13		320	3VM13324EE320AA0	44195.-	3VM13324GE420AA0	54110.-
		400	3VM13404EE320AA0	44605.-	3VM13404GE420AA0	54110.-
3VM14		500	3VM14504EE320AA0	50485.-	3VM14504GE420AA0	60395.-
		630	3VM14634EE320AA0	50485.-	3VM14634GE420AA0	60395.-
3VM11	55kA	16	3VM11965EE320AA0	15595.-	3VM11965GE420AA0	19705.-
		20	3VM11205EE320AA0	15595.-	3VM11205GE420AA0	19705.-
		25	3VM11255EE320AA0	15595.-	3VM11255GE420AA0	19705.-
		32	3VM11325EE320AA0	15595.-	3VM11325GE420AA0	19705.-
		40	3VM11405EE320AA0	15595.-	3VM11405GE420AA0	19705.-
		50	3VM11505EE320AA0	15595.-	3VM11505GE420AA0	19705.-
		63	3VM11635EE320AA0	15595.-	3VM11635GE420AA0	19705.-
		80	3VM11805EE320AA0	15595.-	3VM11805GE420AA0	19705.-
		100	3VM11105EE320AA0	15595.-	3VM11105GE420AA0	19705.-
		125	3VM11125EE320AA0	24485.-	3VM11125GE420AA0	29410.-
		160	3VM11165EE320AA0	25105.-	3VM11165GE420AA0	32395.-
3VM12		200	3VM12205EE320AA0	35480.-	3VM12205GE420AA0	42330.-
		250	3VM12255EE320AA0	35480.-	3VM12255GE420AA0	42330.-
3VM13		320	3VM13325EE320AA0	47735.-	3VM13325GE420AA0	56835.-
		400	3VM13405EE320AA0	48180.-	3VM13405GE420AA0	56835.-
3VM14		500	3VM14505EE320AA0	54015.-	3VM14505GE420AA0	63120.-
		630	3VM14635EE320AA0	54015.-	3VM14635GE420AA0	63120.-

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 ¹⁾	3VM11085MG320AA0	13585.-
	12.5 ¹⁾	3VM11925MG320AA0	13585.-
	20	3VM11205MH320AA0	13585.-
	32	3VM11325MH320AA0	16225.-
	40	3VM11405MH320AA0	16225.-
	50	3VM11505MH320AA0	16225.-
	63	3VM11635MH320AA0	16225.-
	80	3VM11805MH320AA0	16225.-
	100	3VM11105MH320AA0	16225.-
	125	3VM11125MH320AA0	24155.-
3VM12	160	3VM12165MH320AA0	24155.-
	200	3VM12205MH320AA0	36645.-
3VM13	250	3VM13255MH320AA0	36645.-
	320	3VM13325MH320AA0	52510.-
3VM14	400	3VM14405MH320AA0	52510.-
	500	3VM14505MH320AA0	58200.-



SETRON 3VM, Switch Disconnecter (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM11631AA320AA0	10135.-	3VM11631AA420AA0	14975.-
	100	3VM11101AA320AA0	10135.-	3VM11101AA420AA0	14975.-
	125	3VM11121AA320AA0	14785.-	3VM11121AA420AA0	18615.-
	160	3VM11161AA320AA0	14785.-	3VM11161AA420AA0	18615.-
3VM12	250	3VM12251AA320AA0	24615.-	3VM12251AA420AA0	32825.-
3VM13	400	3VM13401AA320AA0	31755.-	3VM13401AA420AA0	41290.-

¹⁾ Fixed magnetic

3VM Plug in Portfolio

16A-630A, 3P & 4P



3VM MCCB



Plug in kit

Plug in technology



Easy to handle



Quick Replacement



Safe Installation

Available as complete kit and/or conversion kit. Kindly contact nearest Sales office for further information.

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

Frame Size	Breaking Capacity	Rated Current In (A)	1 Pole Type	Unit LP* ₹	2 Pole Type	Unit LP* ₹
3VM11	25kA ¹⁾	16	3VM11963ED120AA0	3955.-	3VM11963ED220AA0	7090.-
		20	3VM11203ED120AA0	3955.-	3VM11203ED220AA0	7090.-
		25	3VM11253ED120AA0	3955.-	3VM11253ED220AA0	7090.-
		32	3VM11323ED120AA0	3955.-	3VM11323ED220AA0	7090.-
		40	3VM11403ED120AA0	3955.-	3VM11403ED220AA0	7090.-
		50	3VM11503ED120AA0	3955.-	3VM11503ED220AA0	7090.-
		63	3VM11633ED120AA0	3955.-	3VM11633ED220AA0	7090.-
		80	3VM11803ED120AA0	4350.-	3VM11803ED220AA0	7770.-
		100	3VM11103ED120AA0	5020.-	3VM11103ED220AA0	9105.-
		125	3VM11123ED120AA0	8110.-	3VM11123ED220AA0	14730.-
3VM11	36kA ¹⁾	160	3VM11163ED120AA0	9445.-	3VM11163ED220AA0	17010.-
		16	3VM11964ED120AA0	4280.-	3VM11964ED220AA0	7770.-
		20	3VM11204ED120AA0	4280.-	3VM11204ED220AA0	7770.-
		25	3VM11254ED120AA0	4280.-	3VM11254ED220AA0	7770.-
		32	3VM11324ED120AA0	4280.-	3VM11324ED220AA0	7770.-
		40	3VM11404ED120AA0	4280.-	3VM11404ED220AA0	7770.-
		50	3VM11504ED120AA0	4280.-	3VM11504ED220AA0	7770.-
		63	3VM11634ED120AA0	4280.-	3VM11634ED220AA0	7770.-
		80	3VM11804ED120AA0	4755.-	3VM11804ED220AA0	8575.-
		100	3VM11104ED120AA0	5120.-	3VM11104ED220AA0	9910.-
125	3VM11124ED120AA0	8780.-	3VM11124ED220AA0	15795.-		
160	3VM11164ED120AA0	10240.-	3VM11164ED220AA0	18480.-		

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

Earth fault protection for SENTRON 3VM moulded case circuit breaker

Description	Type	Unit LP* ₹
Earth fault monitoring relay	7UG0861-1BU20	5375.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910
	4P	7UG09911
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912
	4P	7UG09913
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914
	4P	7UG09915

Earth leakage protection for SENTRON 3VM moulded case circuit breaker

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

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

Std. Pkg. = 1 unit

* LP - List Price

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

MLFB	Description	Unit LP*₹
Auxiliary Switches and Alarm Switches (1 C/O)		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	1700.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	1700.-
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	3795.-
3VM9908-0BB12	UVR 48V DC	3795.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	3795.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	3795.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	3795.-
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	3075.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	3075.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	3075.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	3075.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	3075.-

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles ¹⁾		
3VM9117-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	2080.-
3VM9217-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	2630.-
3VM9417-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	2840.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	2140.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	2810.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	3100.-
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	1155.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	1480.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	1445.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	1920.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	1940.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	2510.-
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	970.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	1295.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	1310.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	1705.-
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	715.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	995.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	995.-
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	1895.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	2490.-
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	5590.-



Notes:

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

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

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

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

Std. Pkg. = 1 unit

* LP - List Price

3VT2..3

Main switching unit without Trip Unit (ETU)

To be ordered along with trip unit

Frame Size	Breaking capacity (I _{cu} , 415V AC, 50Hz)	Rated current I _n (A)	3 pole		4 pole		Std. pkg. (nos.)
			Type	Unit LP* ₹	Type	Unit LP* ₹	
3VT2	36 kA	250	3VT2725-2AA36-0AA0	12540.-	3VT2725-2AA46-0AA0	19490.-	1
3VT3		630	3VT3763-2AA36-0AA0	30625.-	3VT3763-2AA46-0AA0	43135.-	1
3VT2	65 kA	250	3VT2725-3AA36-0AA0	15655.-	3VT2725-3AA46-0AA0	24300.-	1
3VT3		630	3VT3763-3AA36-0AA0	35085.-	3VT3763-3AA46-0AA0	46575.-	1



Microprocessor based Trip Unit (ETU)

To be ordered along with the MCCB Main switching unit

Trip unit for system protection ETU LP, LI function (Fixed Overload & Fixed Short Circuit, 3P / 4P)

Frame size	Rated current I _n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	160	3VT9216-6AB00	11435.-	1
	200	3VT9220-6AB00	17150.-	1
	250	3VT9225-6AB00	27190.-	1
3VT3	315	3VT9331-6AB00	22890.-	1
	400	3VT9340-6AB00	24330.-	1
	630	3VT9363-6AB00	29915.-	1

Trip unit for Motor & Generator Protection ETU MP, LI function (Adj Overload & Adj Short Circuit Settings 3P / 4P)

Frame size	Rated current I _n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	160	3VT9216-6AP00	14315.-	1
	250	3VT9225-6AP00	30050.-	1
3VT3	400	3VT9340-6AP00	30050.-	1
	630	3VT9363-6AP00	37215.-	1

Trip unit for system protection ETU DP, LI function (Adj Overload & Adj Short Circuit, 3P / 4P)^s

Frame size	Rated current I _n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	100	3VT9210-6AC00	10105.-	1
	160	3VT9216-6AC00	14170.-	1
	250	3VT9225-6AC00	29975.-	1
3VT3	400	3VT9340-6AC00	25900.-	1
	630	3VT9363-6AC00	34060.-	1

Benefits of interchangeable trip units

- Suitable for various applications
- Easy upgradation at site

Accessories for 3VT2..3

Accessory		3VT2 Type	Unit LP* ₹	3VT3 Type	Unit LP* ₹
Auxiliary Switch		3VT9300-2AF10 (1NO+1NC)	3140.-	3VT9300-2AF10 (1NO+1NC)	3140.-
		3VT9300-2AC10 (1NO)	1580.-	3VT9300-2AC10 (1NO)	1580.-
Alarm Switch		3VT9300-2AD10 (1NC)	1580.-	3VT9300-2AD10 (1NC)	1580.-
Shunt Release	AC 230V/DC 220V	3VT9300-1SE00\$	3555.-	3VT9300-1SE00\$	3555.-
Under-voltage Release	AC 230V/DC 220V	3VT9300-1UE00\$	4305.-	3VT9300-1UE00\$	4305.-
Spreader Links [*]	3 pole (1 set = 3 links + 2 phase barriers)	3VT9200-4ED30-ORC1	1445.-	3VT9300-4ED30-ORC1	1940.-
	4 pole (1 set = 4 links + 3 phase barriers)	3VT9200-4ED40-ORC1	1920.-	3VT9300-4ED40-ORC1	2510.-
Panel door mounted rotary operating handles ²	1 set **	3VT9200-3HQ00	2895.-	3VT9300-3HQ00	3120.-

Available till stocks last 3VT2..3 (Main Switching Unit + ETU) & accessories

\$ Also suitable for 400/500V AC

** 1 set contains rotary mechanism, coupler, shaft and door drive

* spreaders with higher phase-to-phase clearance

MCCB: SENTRON 3VT4...5

- Rated current - 800A to 1600A
- Microprocessor based trip unit
- Adjustable settings
- Suitable for various applications
- Inbuilt extended terminals
- Higher clearances



Main switching unit without Trip Unit (ETU)

To be ordered along with trip unit

Microprocessor based Trip Unit (ETU)

To be ordered along with the MCCB Main switching unit



Trip unit for system protection ETU DP, LI function (Adj Overload & Adj Short Circuit)

Frame Size	Breaking capacity (Icu, 415V AC, 50Hz)	Rated current I _n (A)	3 pole	
			Type	Unit LP* ₹
3VT4	65 kA	1000	3VT4710-3AA30-0AA0	58210.-
3VT5	55 kA	1600	3VT5716-3AA30-0AA0	87330.-

Frame size	Rated current I _n (A)	Type	Unit LP* ₹
3VT4	800	3VT9480-6AC00	28345.-
	1000	3VT9410-6AC00	89265.-
3VT5	1250	3VT9512-6AC00	96690.-
	1600	3VT9516-6AC00	163635.-

Accessories for 3VT4...5

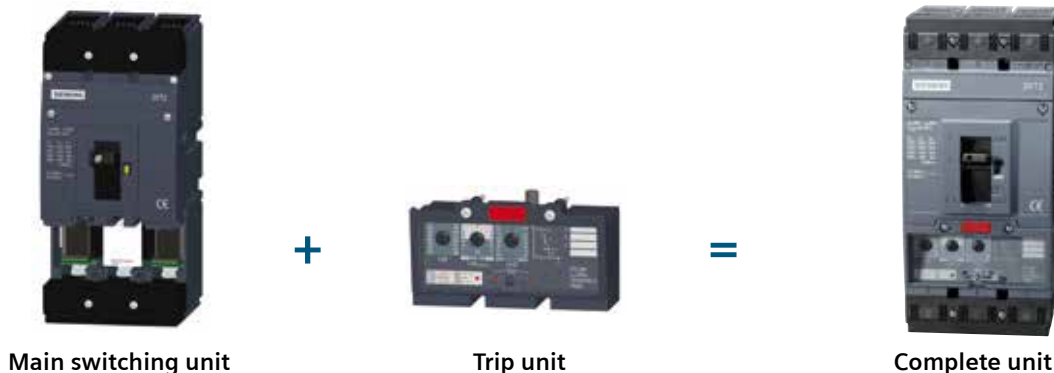
Accessory	3VT4/5 Type	Unit LP* ₹
Auxiliary Switch	3VT9500-2AF10 (2NO+2NC)	5210.-
Alarm Switch	3VT9500-2AF10 (2NO+2NC)	5210.-
Shunt Release AC 230V/ DC 220V	3VT9500-1SJ00	3925.-

Accessory	3VT4/5 Type	Unit LP* ₹
Under-voltage Release AC 230V/ DC 220V	3VT9500-1UJ00	4265.-
Panel door mounted rotary operating handles 1 set **	3VT9500-3HQ00	6630.-
Castell Interlock Kit ¹ 1 set (1 lock + 1 key)	8UC60702YQ..	5740.-

** 1 set contains rotary mechanism, coupler, shaft and door drive

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.

Main switching unit + Trip unit





SINOVA

3VJ Moulded Case Circuit Breakers

Simply Efficient

- Rated current: 20A to 400A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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SIEMENS

3VJ Moulded Case Circuit Breaker

NEW

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	20	3VJ1002-0DA22-0AA0	2765.-	3VJ1002-0DA32-0AA0	3425.-	3VJ1002-0EA42-0AA0	4910.-
		25	3VJ1092-0DA22-0AA0	2765.-	3VJ1092-0DA32-0AA0	3425.-	3VJ1092-0EA42-0AA0	4910.-
		32	3VJ1003-0DA22-0AA0	2765.-	3VJ1003-0DA32-0AA0	3425.-	3VJ1003-0EA42-0AA0	4910.-
		40	3VJ1004-0DA22-0AA0	2765.-	3VJ1004-0DA32-0AA0	3425.-	3VJ1004-0EA42-0AA0	4910.-
		50	3VJ1005-0DA22-0AA0	2765.-	3VJ1005-0DA32-0AA0	3425.-	3VJ1005-0EA42-0AA0	4910.-
		63	3VJ1006-0DA22-0AA0	2765.-	3VJ1006-0DA32-0AA0	3425.-	3VJ1006-0EA42-0AA0	4910.-
		80	3VJ1008-0DA22-0AA0	2765.-	3VJ1008-0DA32-0AA0	3425.-	3VJ1008-0EA42-0AA0	4910.-
		100	3VJ1010-0DA22-0AA0	2765.-	3VJ1010-0DA32-0AA0	3425.-	3VJ1010-0EA42-0AA0	4910.-
		125	3VJ1012-0DA22-0AA0	4265.-	3VJ1012-0DA32-0AA0	5135.-	3VJ1012-0EA42-0AA0	7370.-
	18kA	20	3VJ1002-1DA22-0AA0	3815.-	3VJ1002-1DA32-0AA0	5505.-	3VJ1002-1EA42-0AA0	7065.-
		25	3VJ1092-1DA22-0AA0	3815.-	3VJ1092-1DA32-0AA0	5505.-	3VJ1092-1EA42-0AA0	7065.-
		32	3VJ1003-1DA22-0AA0	3815.-	3VJ1003-1DA32-0AA0	5505.-	3VJ1003-1EA42-0AA0	7065.-
		40	3VJ1004-1DA22-0AA0	3815.-	3VJ1004-1DA32-0AA0	5505.-	3VJ1004-1EA42-0AA0	7065.-
		50	3VJ1005-1DA22-0AA0	3815.-	3VJ1005-1DA32-0AA0	5505.-	3VJ1005-1EA42-0AA0	7065.-
		63	3VJ1006-1DA22-0AA0	3815.-	3VJ1006-1DA32-0AA0	5505.-	3VJ1006-1EA42-0AA0	7065.-
		80	3VJ1008-1DA22-0AA0	3815.-	3VJ1008-1DA32-0AA0	5505.-	3VJ1008-1EA42-0AA0	7065.-
		100	3VJ1010-1DA22-0AA0	3815.-	3VJ1010-1DA32-0AA0	5505.-	3VJ1010-1EA42-0AA0	7065.-
		125	3VJ1012-1DA22-0AA0	4420.-	3VJ1012-1DA32-0AA0	6315.-	3VJ1012-1EA42-0AA0	8215.-
	25kA	20	3VJ1002-3DA22-0AA0	4580.-	3VJ1002-3DA32-0AA0	6010.-	3VJ1002-3EA42-0AA0	7965.-
		25	3VJ1092-3DA22-0AA0	4580.-	3VJ1092-3DA32-0AA0	6010.-	3VJ1092-3EA42-0AA0	7965.-
		32	3VJ1003-3DA22-0AA0	4580.-	3VJ1003-3DA32-0AA0	6010.-	3VJ1003-3EA42-0AA0	7965.-
		40	3VJ1004-3DA22-0AA0	4580.-	3VJ1004-3DA32-0AA0	6010.-	3VJ1004-3EA42-0AA0	7965.-
		50	3VJ1005-3DA22-0AA0	4580.-	3VJ1005-3DA32-0AA0	6010.-	3VJ1005-3EA42-0AA0	7965.-
		63	3VJ1006-3DA22-0AA0	4580.-	3VJ1006-3DA32-0AA0	6010.-	3VJ1006-3EA42-0AA0	7965.-
		80	3VJ1008-3DA22-0AA0	4580.-	3VJ1008-3DA32-0AA0	6010.-	3VJ1008-3EA42-0AA0	7965.-
		100	3VJ1010-3DA22-0AA0	4580.-	3VJ1010-3DA32-0AA0	6010.-	3VJ1010-3EA42-0AA0	7965.-
		125	3VJ1012-3DA22-0AA0	4580.-	3VJ1012-3DA32-0AA0	6865.-	3VJ1012-3EA42-0AA0	8760.-

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

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

NEW

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	9300.-	3VJ1216-3DA32-0AA0	10790.-	3VJ1216-3EA42-0AA0	14195.-
		200	3VJ1220-3DA22-0AA0	9405.-	3VJ1220-3DA32-0AA0	10955.-	3VJ1220-3EA42-0AA0	15580.-
		250	3VJ1225-3DA22-0AA0	9505.-	3VJ1225-3DA32-0AA0	12325.-	3VJ1225-3EA42-0AA0	16230.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-3DA32-0AA0	24420.-	3VJ1332-3EA42-0AA0	31445.-
		400	-	-	3VJ1340-3DA32-0AA0	24420.-	3VJ1340-3EA42-0AA0	31445.-
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DA22-0AA0	7045.-	3VJ1192-5DA32-0AA0	8385.-	3VJ1192-5EA42-0AA0	11080.-
		32	3VJ1103-5DA22-0AA0	7045.-	3VJ1103-5DA32-0AA0	8385.-	3VJ1103-5EA42-0AA0	11080.-
		40	3VJ1104-5DA22-0AA0	7045.-	3VJ1104-5DA32-0AA0	8385.-	3VJ1104-5EA42-0AA0	11080.-
		50	3VJ1105-5DA22-0AA0	7045.-	3VJ1105-5DA32-0AA0	8385.-	3VJ1105-5EA42-0AA0	11080.-
		63	3VJ1106-5DA22-0AA0	7045.-	3VJ1106-5DA32-0AA0	8385.-	3VJ1106-5EA42-0AA0	11080.-
		80	3VJ1108-5DA22-0AA0	7045.-	3VJ1108-5DA32-0AA0	8635.-	3VJ1108-5EA42-0AA0	11420.-
		100	3VJ1110-5DA22-0AA0	7045.-	3VJ1110-5DA32-0AA0	8635.-	3VJ1110-5EA42-0AA0	11420.-
3VJ12 (VJ1 250)		125	3VJ1112-5DA22-0AA0	7045.-	3VJ1112-5DA32-0AA0	9495.-	3VJ1112-5EA42-0AA0	12415.-
		160	3VJ1216-5DA22-0AA0	9815.-	3VJ1216-5DA32-0AA0	12080.-	3VJ1216-5EA42-0AA0	14690.-
		200	3VJ1220-5DA22-0AA0	10335.-	3VJ1220-5DA32-0AA0	14895.-	3VJ1220-5EA42-0AA0	19220.-
3VJ13 (VJ1 400)		250	3VJ1225-5DA22-0AA0	11665.-	3VJ1225-5DA32-0AA0	17120.-	3VJ1225-5EA42-0AA0	22030.-
		320	-	-	3VJ1332-5DA32-0AA0	25030.-	3VJ1332-5EA42-0AA0	32060.-
3VJ11 (VJ1 125)	55kA	400	-	-	3VJ1340-5DA32-0AA0	25030.-	3VJ1340-5EA42-0AA0	32060.-
		25	3VJ1192-7DA22-0AA0	7420.-	3VJ1192-7DA32-0AA0	10725.-	3VJ1192-7EA42-0AA0	14150.-
		32	3VJ1103-7DA22-0AA0	7420.-	3VJ1103-7DA32-0AA0	10725.-	3VJ1103-7EA42-0AA0	14150.-
		40	3VJ1104-7DA22-0AA0	7420.-	3VJ1104-7DA32-0AA0	10725.-	3VJ1104-7EA42-0AA0	14150.-
		50	3VJ1105-7DA22-0AA0	7420.-	3VJ1105-7DA32-0AA0	10725.-	3VJ1105-7EA42-0AA0	14150.-
		63	3VJ1106-7DA22-0AA0	7420.-	3VJ1106-7DA32-0AA0	10725.-	3VJ1106-7EA42-0AA0	14150.-
		80	3VJ1108-7DA22-0AA0	7420.-	3VJ1108-7DA32-0AA0	10725.-	3VJ1108-7EA42-0AA0	14150.-
		100	3VJ1110-7DA22-0AA0	7420.-	3VJ1110-7DA32-0AA0	10725.-	3VJ1110-7EA42-0AA0	14150.-
3VJ12 (VJ1 250)		125	3VJ1112-7DA22-0AA0	7420.-	3VJ1112-7DA32-0AA0	11805.-	3VJ1112-7EA42-0AA0	15565.-
		160	3VJ1216-7DA22-0AA0	10640.-	3VJ1216-7DA32-0AA0	14940.-	3VJ1216-7EA42-0AA0	19735.-
		200	3VJ1220-7DA22-0AA0	10850.-	3VJ1220-7DA32-0AA0	17180.-	3VJ1220-7EA42-0AA0	22690.-
3VJ13 (VJ1 400)		250	3VJ1225-7DA22-0AA0	11880.-	3VJ1225-7DA32-0AA0	19755.-	3VJ1225-7EA42-0AA0	26095.-
		320	-	-	3VJ1332-7DA32-0AA0	25640.-	3VJ1332-7EA42-0AA0	32975.-
		400	-	-	3VJ1340-7DA32-0AA0	25640.-	3VJ1340-7EA42-0AA0	32975.-

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

3VJ10 MCCB, Thermal Magnetic Trip Unit, Adjustable Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz NEW

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	20	3VJ1002-0DB32-0AA0	4370.-	3VJ1002-0EB42-0AA0	5900.-
		25	3VJ1092-0DB32-0AA0	4370.-	3VJ1092-0EB42-0AA0	5900.-
		32	3VJ1003-0DB32-0AA0	4370.-	3VJ1003-0EB42-0AA0	5900.-
		40	3VJ1004-0DB32-0AA0	4370.-	3VJ1004-0EB42-0AA0	5900.-
		50	3VJ1005-0DB32-0AA0	4370.-	3VJ1005-0EB42-0AA0	5900.-
		63	3VJ1006-0DB32-0AA0	4370.-	3VJ1006-0EB42-0AA0	5900.-
		80	3VJ1008-0DB32-0AA0	4370.-	3VJ1008-0EB42-0AA0	5900.-
		100	3VJ1010-0DB32-0AA0	4370.-	3VJ1010-0EB42-0AA0	5900.-
		125	3VJ1012-0DB32-0AA0	6285.-	3VJ1012-0EB42-0AA0	8865.-
	18kA	20	3VJ1002-1DB32-0AA0	6600.-	3VJ1002-1EB42-0AA0	8475.-
		25	3VJ1092-1DB32-0AA0	6600.-	3VJ1092-1EB42-0AA0	8475.-
		32	3VJ1003-1DB32-0AA0	6600.-	3VJ1003-1EB42-0AA0	8475.-
		40	3VJ1004-1DB32-0AA0	6600.-	3VJ1004-1EB42-0AA0	8475.-
		50	3VJ1005-1DB32-0AA0	6600.-	3VJ1005-1EB42-0AA0	8475.-
		63	3VJ1006-1DB32-0AA0	6600.-	3VJ1006-1EB42-0AA0	8475.-
		80	3VJ1008-1DB32-0AA0	6600.-	3VJ1008-1EB42-0AA0	8475.-
		100	3VJ1010-1DB32-0AA0	6600.-	3VJ1010-1EB42-0AA0	8475.-
		125	3VJ1012-1DB32-0AA0	7570.-	3VJ1012-1EB42-0AA0	9850.-
	25kA	20	3VJ1002-3DB32-0AA0	7585.-	3VJ1002-3EB42-0AA0	10055.-
		25	3VJ1092-3DB32-0AA0	7585.-	3VJ1092-3EB42-0AA0	10055.-
		32	3VJ1003-3DB32-0AA0	7585.-	3VJ1003-3EB42-0AA0	10055.-
		40	3VJ1004-3DB32-0AA0	7585.-	3VJ1004-3EB42-0AA0	10055.-
		50	3VJ1005-3DB32-0AA0	7585.-	3VJ1005-3EB42-0AA0	10055.-
		63	3VJ1006-3DB32-0AA0	7585.-	3VJ1006-3EB42-0AA0	10055.-
		80	3VJ1008-3DB32-0AA0	7585.-	3VJ1008-3EB42-0AA0	10055.-
		100	3VJ1010-3DB32-0AA0	7585.-	3VJ1010-3EB42-0AA0	10055.-
		125	3VJ1012-3DB32-0AA0	8655.-	3VJ1012-3EB42-0AA0	11055.-

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

Circuit Breakers



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

NEW

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	12165.-	3VJ1216-3EB42-0AA0	14800.-
		200	3VJ1220-3DB32-0AA0	13130.-	3VJ1220-3EB42-0AA0	16530.-
		250	3VJ1225-3DB32-0AA0	14785.-	3VJ1225-3EB42-0AA0	19460.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	27655.-	3VJ1332-3EB42-0AA0	35620.-
		400	3VJ1340-3DB32-0AA0	27655.-	3VJ1340-3EB42-0AA0	35620.-
		3VJ11 (VJ1 125)	25	3VJ1192-5DB32-0AA0	10055.-	3VJ1192-5EB42-0AA0
32	3VJ1103-5DB32-0AA0		10055.-	3VJ1103-5EB42-0AA0	13285.-	
40	3VJ1104-5DB32-0AA0		10055.-	3VJ1104-5EB42-0AA0	13285.-	
50	3VJ1105-5DB32-0AA0		10055.-	3VJ1105-5EB42-0AA0	13285.-	
63	3VJ1106-5DB32-0AA0		10055.-	3VJ1106-5EB42-0AA0	13285.-	
80	3VJ1108-5DB32-0AA0		10055.-	3VJ1108-5EB42-0AA0	13285.-	
100	3VJ1110-5DB32-0AA0		10055.-	3VJ1110-5EB42-0AA0	13285.-	
125	3VJ1112-5DB32-0AA0		11385.-	3VJ1112-5EB42-0AA0	14445.-	
3VJ12 (VJ1 250)	160		3VJ1216-5DB32-0AA0	13795.-	3VJ1216-5EB42-0AA0	16775.-
	200		3VJ1220-5DB32-0AA0	17860.-	3VJ1220-5EB42-0AA0	23050.-
	250	3VJ1225-5DB32-0AA0	20535.-	3VJ1225-5EB42-0AA0	26420.-	
3VJ13 (VJ1 400)	320	3VJ1332-5DB32-0AA0	28350.-	3VJ1332-5EB42-0AA0	36310.-	
	400	3VJ1340-5DB32-0AA0	28350.-	3VJ1340-5EB42-0AA0	36310.-	
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DB32-0AA0	12150.-	3VJ1192-7EB42-0AA0	16025.-
		32	3VJ1103-7DB32-0AA0	12150.-	3VJ1103-7EB42-0AA0	16025.-
		40	3VJ1104-7DB32-0AA0	12150.-	3VJ1104-7EB42-0AA0	16025.-
		50	3VJ1105-7DB32-0AA0	12150.-	3VJ1105-7EB42-0AA0	16025.-
		63	3VJ1106-7DB32-0AA0	12150.-	3VJ1106-7EB42-0AA0	16025.-
		80	3VJ1108-7DB32-0AA0	12150.-	3VJ1108-7EB42-0AA0	16025.-
		100	3VJ1110-7DB32-0AA0	12150.-	3VJ1110-7EB42-0AA0	16025.-
		125	3VJ1112-7DB32-0AA0	13370.-	3VJ1112-7EB42-0AA0	17630.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	15995.-	3VJ1216-7EB42-0AA0	21125.-
		200	3VJ1220-7DB32-0AA0	18395.-	3VJ1220-7EB42-0AA0	24290.-
	250	3VJ1225-7DB32-0AA0	21145.-	3VJ1225-7EB42-0AA0	27935.-	
3VJ13 (VJ1 400)	320	3VJ1332-7DB32-0AA0	29045.-	3VJ1332-7EB42-0AA0	37350.-	
	400	3VJ1340-7DB32-0AA0	29045.-	3VJ1340-7EB42-0AA0	37350.-	

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	7UG08611BU20	5375.-	
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	1855.-
	4P	7UG09911	2115.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	2115.-
	4P	7UG09911	2115.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	2240.-
	4P	7UG09913	2640.-

Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹	
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG08411CB20	5200.-
	230VAC	7UG08421CD20	5250.-
CBCT for ELR	35 mm dia	7UG0996	1895.-
	70 mm dia	7UG0997	2160.-
	120 mm dia	7UG0999	3680.-
	210 mm dia	7UG0994	7085.-
	310 mm dia	7UG0995	10555.-

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

NEW

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1505.-	3VJ9218-0AN11	1555.-	3VJ9218-0AN11	1555.-	3VJ9417-0AN11	1610.-
	Right	-	-	3VJ9218-0AN21	1555.-	3VJ9218-0AN21	1555.-	3VJ9417-0AN21	1610.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1505.-	3VJ9118-0AA11	1505.-	3VJ9218-0AA11	1555.-	3VJ9417-0AA11	1610.-
	Right	-	-	3VJ9118-0AA21	1505.-	3VJ9218-0AA21	1555.-	3VJ9417-0AA21	1610.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2445.-	3VJ9118-0AD11	2445.-	3VJ9218-0AD11	2560.-	3VJ9417-0AD11	2780.-
	Right	-	-	3VJ9118-0AD21	2445.-	3VJ9218-0AD21	2560.-	3VJ9417-0AD21	2780.-
Shunt Trip (Right) (ST)	24V DC	-	-	3VJ9218-0ST11	3115.-	3VJ9218-0ST11	3115.-	-	-
	24V AC/DC	-	-	-	-	-	-	3VJ9417-0ST21	3335.-
	48V DC	-	-	3VJ9218-0ST12	3115.-	3VJ9218-0ST12	3115.-	-	-
	48V AC/DC	-	-	-	-	-	-	3VJ9417-0ST22	3335.-
	110V DC	3VJ9018-0ST15	2265.-	3VJ9218-0ST15	3115.-	3VJ9218-0ST15	3115.-	-	-
	110V AC/DC	-	-	-	-	-	-	3VJ9417-0ST25	3335.-
	110V AC	3VJ9018-0ST35	2265.-	3VJ9218-0ST35	3225.-	3VJ9218-0ST35	3225.-	-	-
	220V AC	3VJ9018-0ST36	2455.-	3VJ9218-0ST36	3335.-	3VJ9218-0ST36	3335.-	3VJ9417-0ST36	3670.-
Undervoltage Release (Left) (UVR)	415V AC	3VJ9018-0ST37	2455.-	3VJ9218-0ST37	3335.-	3VJ9218-0ST37	3335.-	3VJ9417-0ST37	3670.-
	24V DC	-	-	3VJ9218-0UV11	4450.-	3VJ9218-0UV11	4450.-	-	-
	48V DC	-	-	3VJ9218-0UV12	4450.-	3VJ9218-0UV12	4450.-	-	-
	220V AC	-	-	3VJ9218-0UV36	4670.-	3VJ9218-0UV36	4670.-	3VJ9417-0UV36	11125.-
415V AC	-	-	3VJ9218-0UV37	5005.-	3VJ9218-0UV37	5005.-	3VJ9417-0UV37	11125.-	

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

3VJ External accessories

NEW

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* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	-	3VJ9018-0HD11	2255.-	3VJ9118-0HD11	2425.-	3VJ9218-0HD11	2840.-	3VJ9417-0HD11	3585.-
Spreader Links^	2P	3VJ9012-0ED00	200.-	3VJ9112-0ED00	220.-	3VJ9212-0ED00	670.-	-	-
	3P	3VJ9013-0ED00	335.-	3VJ9113-0ED00	355.-	3VJ9213-0ED00	1085.-	3VJ9313-0ED00	1890.-
	4P	3VJ9014-0ED00	440.-	3VJ9114-0ED00	460.-	3VJ9214-0ED00	1410.-	3VJ9314-0ED00	2670.-
Phase Barriers#		3VJ9018-0CA00	155.-	3VJ9218-0CA00	245.-	3VJ9218-0CA00	245.-	3VJ9417-0CA00	270.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	360.-	3VJ9116-0CJ30	425.-	3VJ9216-0CJ30	615.-	3VJ9413-0CJ30	765.-
	4P	3VJ9014-0CJ40	505.-	3VJ9114-0CJ40	540.-	3VJ9214-0CJ40	715.-	3VJ9414-0CJ40	940.-
Toggle handle extension	-	-	-	-	-	-	-	3VJ9417-0DH10	610.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	-	8UC60701YQ..	5590.-	8UC60701YQ..	5590.-	8UC60701YQ..	5590.-	8UC60702YQ..	5740.-

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 (VJ1 400) MCCB.

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



NEW

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

SIEMENS

SETRON Auto transfer controllers

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



	3KC ATC 3100	3KC ATC 6300	3KC ATC 6500
Display	-	Yes, LCD	Yes, LCD
Network	3 Phase Only	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)	Single Phase / 2 Phase or 3 Phase systems (Including 3 Phase – 4 Wire systems)
Maximum rated voltage U _e	400V AC	100-480V AC L-L	100-600V AC L-L
Application type	Utility – Utility Utility - DG	Utility – Utility Utility - DG DG - DG	Utility – Utility Utility - DG DG - DG
Number of controllable breakers	2	2	3
Automatic load management (load shedding)	No	No	Yes
Parameterization	Pushbuttons & Rotary Switches	LCD Display USB Front interface ¹⁾ Communication Modules ²⁾	LCD Display USB Front interface ¹⁾ Communication Modules ²⁾
Expansion Modules	No	Yes, DI/DOs Communication Modules	Yes, DI/DOs Communication Modules
Communication Option	No	Yes, MODBUS RTU/ MODBUS TCP via expansion modules	Yes, Integrated RS485 Port (MODBUS RTU) MODBUS TCP via expansion module

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

Description	Type No	Unit LP* ₹	Std. pkg. (nos.)
Automatic Transfer Controllers			
3KC ATC 3100 ⁵	3KC9000-8EL10	74015.-	1
3KC ATC 6300	3KC9000-8TL40	107390.-	1
3KC ATC 6500	3KC9000-8TL50	Price on request	1
Accessories Expandable DI /DO Modules (For both ATC 6300 & 6500)			
ATC6 expansion module 4DI	3KC9000-8TL60	Price on request	1
ATC6 expansion module 4DO, SSR	3KC9000-8TL61	Price on request	1
ATC6 expansion module 2DI/2DO, SSR	3KC9000-8TL62	Price on request	1
ATC6 expansion module 2DO, relay	3KC9000-8TL63	Price on request	1
ATC6 expansion module 2DI/2DO, relay	3KC9000-8TL64	Price on request	1
Expansion modules with communication interfaces (For both ATC 6300 & 6500)			
ATC6 RS 485 expansion module	3KC9000-8TL74	Price on request	1
ATC6 Ethernet expansion module	3KC9000-8TL75	Price on request	1
USB Front interface (For both ATC 6300 & 6500)			
ATC6 USB front interface	3KC9000-8TL73	Price on request	1
IP 65 Protective Gasket			
For ATC 6300 144 x 144 mm	3KC9000-8TL67	Price on request	1
For ATC 6300 171 x 131 mm	3KC9000-8TL68	Price on request	1
Other Accessories			
Connection cable 3KC ATC3100 to MCCBs / ACBs	3KC9000-8EL62	14965.-	1

⁵ It is advisable to use connection cable with 3KC ATC3100

* LP - List Price

Auto Transfer Controllers

Complete Auto changeover solution with SIEMENS circuit breakers

Designed and tested with





SENTRON

Fuse Switch Disconnectors - **3NP1**

End to end safety for user and systems

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

www.siemens.com/switching-devices

SIEMENS

SENTRON 3NP1 Fuse Switch Disconnectors up to 630A

Reliable safety of personnel and systems

Overview:

- Available in five frame sizes from 100 to 630 A
- Optional for use of fuse links in LV HRC design
- 1-, 2-, 3- and 4-pole switchable

Application:

- Can be used in main and auxiliary circuits
- For non-routine switching
- VFD/ Soft Starter/ Capacitor panels

Benefits:

- Fuse puller is not required
- Mounting flexibility: Base / DIN / busbar
- AC20 / DC20 1000V

3NP1 with Floor mounting

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles ⁴⁾	Type	Unit LP* ₹
100 ¹⁾	000	000	Box	1	3NP1121-1CA20	3790.-
				3	3NP1123-1CA20	6890.-
				4	3NP1124-1CA20	12025.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA10	3990.-
				3	3NP1133-1CA10	7205.-
				4	3NP1134-1CA10	12535.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA10	11625.-
				3	3NP1143-1DA10	21080.-
				4	3NP1144-1DA10	34565.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA10	15990.-
				3	3NP1153-1DA10	28890.-
				4	3NP1154-1DA10	46755.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA10	21280.-
				3	3NP1163-1DA10	38710.-
				4	3NP1164-1DA10	62030.-



1-pole



3-pole



2-pole



4-pole

3NP1 with Electronic fuse monitoring ³⁾

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles ⁴⁾	Type	Unit LP* ₹
100 ¹⁾	000	000	Box	1	3NP1121-1CA24	13280.-
				3	3NP1123-1CA24	20560.-
160 ²⁾	00	000,00	Flat	1	3NP1131-1CA14	13460.-
				3	3NP1133-1CA14	20745.-
250 ²⁾	1	00,1	Flat	1	3NP1141-1DA14	21105.-
				3	3NP1143-1DA14	34565.-
400 ²⁾	2	1,2	Flat	1	3NP1151-1DA14	25650.-
				3	3NP1153-1DA14	42750.-
630 ²⁾	3	2,3	Flat	1	3NP1161-1DA14	30930.-
				3	3NP1163-1DA14	52215.-



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 39 for assembly kit selection.

Configurator for 3NP1

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



Load Break Switches

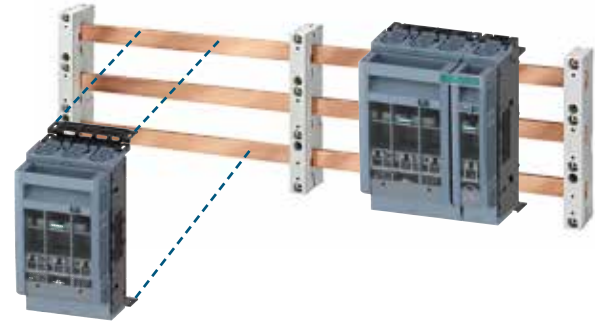
3NP1 mounting on 8US busbar

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

3NP1 without fuse monitoring

Rated current (A)	3NP1 size	DIN fuse size	Terminals type	Poles ⁴⁾	Type	Unit LP* ₹
100 ¹⁾	000	000	Box	3	3NP1123-1BC20	10195.-
				4	3NP1124-1BC20	16985.-
160 ²⁾	00	00	Flat	3	3NP1133-1BC10	10945.-
				4	3NP1134-1BC10	18305.-
250 ²⁾	1	1	Flat	3	3NP1143-1BC10	34895.-
				4	3NP1144-1BC10	54390.-
400 ²⁾	2	2	Flat	3	3NP1153-1BC10	45100.-
				4	3NP1154-1BC10	70765.-
630 ²⁾	3	3	Flat	3	3NP1163-1BC10	57240.-
				4	3NP1164-1BC10	90800.-

8US busbar system



Accessories for 3NP1

Auxillary contact (1CO type)



3NP1 Size	Type	Unit LP* ₹
000	3NP1920-1FA00	1585.-
00	3NP1930-1FA00	1585.-
1,2,3	3NP1940-1FA00	1725.-

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



3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1BD00	2000.-
		3	3NP1923-1BD00	4470.-

Assembly kit for connection of 1-pole and 3-pole 3NP1 to form floor mounted 2-pole⁴⁾ and 4-pole 3NP1



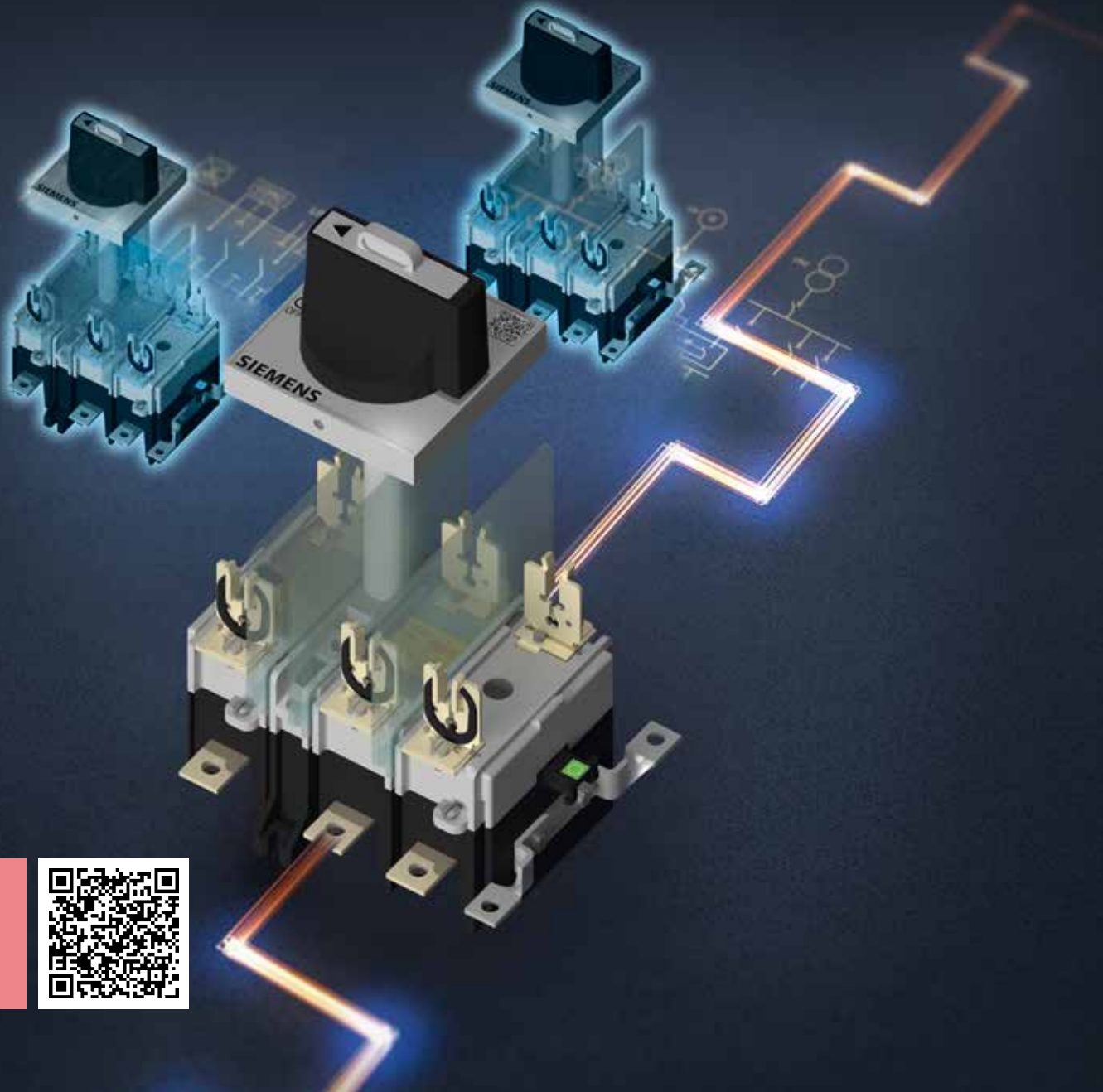
3NP1 Size	Type	Unit LP* ₹
000	3NP19211EC00	Price on request
00	3NP19311EC00	
1,2,3	3NP19411EC00	

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



3NP1 Size	Terminals type	Poles	Type	Unit LP* ₹
000	Box	1	3NP1921-1EE10	Price on request
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.



SUPERSWITCH

Switch Disconnecter Fuse - **3KL8**

Safe. Reliable. Efficient.

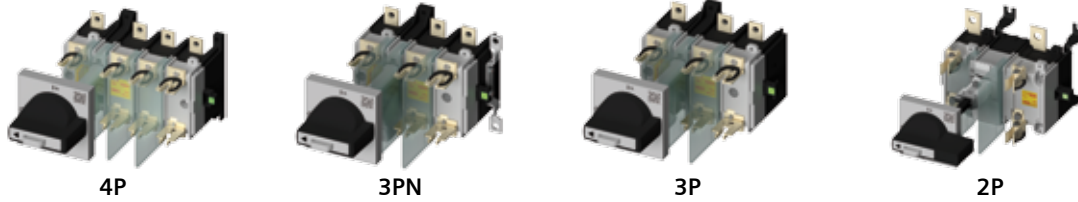
- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

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)

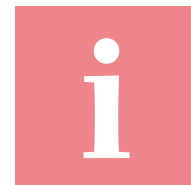
Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	2980.-	3KL8111-4TJ00	3030.-	3KL8111-4TC00	3095.-	1
32A	3KL8121-4TA00	3085.-	3KL8121-4TJ00	3320.-	3KL8121-4TC00	3345.-	1
63A	3KL8151-4TA00	4150.-	3KL8151-4TJ00	4210.-	3KL8151-4TC00	4385.-	1
100A	3KL8171-4TA00	6230.-	-	-	-	-	1
100A	3KL8211-4TA00	8950.-	3KL8211-4TJ00	9765.-	-	-	1
125A	3KL8221-4TA00	10975.-	3KL8221-4TJ00	11625.-	-	-	1
160A	3KL8231-4TA00	12180.-	3KL8231-4TJ00	14125.-	-	-	1
200A	3KL8311-4UA00	17475.-	3KL8311-4UJ00	18345.-	-	-	1
250A	3KL8321-4UA00	20360.-	3KL8321-4UJ00	21740.-	-	-	1
315A	3KL8331-4UA00	24510.-	3KL8331-4UJ00	26825.-	-	-	1
400A	3KL8341-4UA00	26970.-	3KL8341-4UJ00	30990.-	-	-	1
500A	3KL8411-4UA00	43795.-	3KL8411-4UJ00	49955.-	-	-	1
630A	3KL8421-4UA00	45405.-	3KL8421-4UJ00	51765.-	-	-	1
800A [§]	3KL8431-4UA00	53670.-	3KL8431-4UJ00	56085.-	-	-	1

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

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	2795.-	3KL8111-5TJ00	2805.-	3KL8111-5TC00	2815.-	1
32A	3KL8121-5TA00	2845.-	3KL8121-5TJ00	2860.-	3KL8121-5TC00	2880.-	1
63A	3KL8151-5TA00	3815.-	3KL8151-5TJ00	3890.-	3KL8151-5TC00	3930.-	1
100A	3KL8171-5TA00	5460.-	-	-	-	-	1
100A	3KL8211-5TA00	7605.-	3KL8211-5TJ00	7675.-	-	-	1
125A	3KL8221-5TA00	9790.-	3KL8221-5TJ00	9835.-	-	-	1
160A	3KL8231-5TA00	10480.-	3KL8231-5TJ00	10530.-	-	-	1
200A	3KL8311-5UA00	14380.-	3KL8311-5UJ00	14815.-	-	-	1
250A	3KL8321-5UA00	16335.-	3KL8321-5UJ00	16785.-	-	-	1
315A	3KL8331-5UA00	19455.-	3KL8331-5UJ00	19775.-	-	-	1
400A	3KL8341-5UA00	23445.-	3KL8341-5UJ00	23790.-	-	-	1
500A	3KL8411-5UA00	37705.-	3KL8411-5UJ00	38570.-	-	-	1
630A	3KL8421-5UA00	39710.-	3KL8421-5UJ00	41775.-	-	-	1
800A [§]	3KL8431-5UA00	42345.-	3KL8431-5UJ00	45265.-	-	-	1

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

Rated current I _e @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	2710.-	1
32A	3KL8121-1TA00	2770.-	1
63A	3KL8151-1TA00	3750.-	1
100A	3KL8211-1TA00	7470.-	1
125A	3KL8221-1TA00	9500.-	1
160A	3KL8231-1TA00	10270.-	1
200A	3KL8311-1UA00	13935.-	1
250A	3KL8321-1UA00	16245.-	1
315A	3KL8331-1UA00	19160.-	1
400A	3KL8341-1UA00	23070.-	1
500A	3KL8411-1UA00	37125.-	1
630A	3KL8421-1UA00	39460.-	1
800A [§]	3KL8431-1UA00	42085.-	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

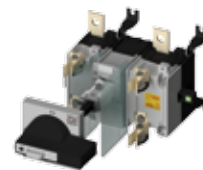
Std. Pkg. = 1 unit

* MRP - Maximum Retail Price

Superswitch 3KL8

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

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A [®]	3KL8111-2TA00	2535.-	-	-	3KL8111-2TC00	2575.-	1
32A [®]	3KL8121-2TA00	2575.-	-	-	3KL8121-2TC00	2695.-	1
63A [®]	3KL8151-2TA00	3355.-	-	-	3KL8151-2TC00	3385.-	1
100A [®]	3KL8171-2TA00	5190.-	-	-	-	-	1
100A	3KL8211-2TA00	7145.-	3KL8211-2TJ00	7305.-	-	-	1
125A	3KL8221-2TA00	8280.-	3KL8221-2TJ00	9020.-	-	-	1
160A	3KL8231-2TA00	8610.-	3KL8231-2TJ00	9710.-	-	-	1
200A	3KL8311-2UA00	12515.-	3KL8311-2UJ00	13680.-	-	-	1
250A	3KL8321-2UA00	13630.-	3KL8321-2UJ00	15105.-	-	-	1
315A	3KL8331-2UA00	16580.-	3KL8331-2UJ00	17595.-	-	-	1
400A	3KL8341-2UA00	19765.-	3KL8341-2UJ00	20775.-	-	-	1
500A	3KL8411-2UA00	31200.-	3KL8411-2UJ00	36325.-	-	-	1
630A	3KL8421-2UA00	31915.-	3KL8421-2UJ00	36860.-	-	-	1
800A [§]	3KL8431-2UA00	41515.-	3KL8431-2UJ00	41645.-	-	-	1



Switch disconnecter fuse in SS[^] Enclosure (factory fitted)¹⁾

Rated current I _e @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	5850.-	3KL8111-4TA10	6380.-	1
	BS	3KL8111-5TJ10	5895.-	3KL8111-4TJ10	6395.-	1
	CYL	3KL8111-5TC10	5935.-	3KL8111-4TC10	6445.-	1
32A	DIN	3KL8121-5TA10	6255.-	3KL8121-4TA10	6580.-	1
	BS	3KL8121-5TJ10	6275.-	3KL8121-4TJ10	6655.-	1
	CYL	3KL8121-5TC10	6305.-	3KL8121-4TC10	6680.-	1
63A	DIN	3KL8151-5TA10	6950.-	3KL8151-4TA10	7760.-	1
	BS	3KL8151-5TJ10	6970.-	3KL8151-4TJ10	7955.-	1
	CYL	3KL8151-5TC10	7030.-	3KL8151-4TC10	7980.-	1
100A	DIN	3KL8211-5TA10	11135.-	3KL8211-4TA10	12500.-	1
	BS	3KL8211-5TJ10	11460.-	3KL8211-4TJ10	12620.-	1
125A	DIN	3KL8221-5TA10	13205.-	3KL8221-4TA10	15055.-	1
	BS	3KL8221-5TJ10	13300.-	3KL8221-4TJ10	15525.-	1
160A	DIN	3KL8231-5TA10	14165.-	3KL8231-4TA10	16550.-	1
	BS	3KL8231-5TJ10	14275.-	3KL8231-4TJ10	16655.-	1
200A	DIN	3KL8311-5UA10	20425.-	3KL8311-4UA10	27015.-	1
	BS	3KL8311-5UJ10	20580.-	3KL8311-4UJ10	27635.-	1
250A	DIN	3KL8321-5UA10	23155.-	3KL8321-4UA10	28765.-	1
	BS	3KL8321-5UJ10	23315.-	3KL8321-4UJ10	28965.-	1
315A	DIN	3KL8331-5UA10	27545.-	3KL8331-4UA10	34235.-	1
	BS	3KL8331-5UJ10	27700.-	3KL8331-4UJ10	34410.-	1
400A	DIN	3KL8341-5UA10	31775.-	3KL8341-4UA10	38390.-	1
	BS	3KL8341-5UJ10	32180.-	3KL8341-4UJ10	38555.-	1
500A	DIN	3KL8411-5UA10	47310.-	3KL8411-4UA10	56460.-	1
	BS	3KL8411-5UJ10	47455.-	3KL8411-4UJ10	57070.-	1
630A	DIN	3KL8421-5UA10	49805.-	3KL8421-4UA10	59955.-	1
	BS	3KL8421-5UJ10	49955.-	3KL8421-4UJ10	60135.-	1
800A [§]	DIN	3KL8431-5UA10	53470.-	3KL8431-4UA10	64370.-	1
	BS	3KL8431-5UJ10	53610.-	3KL8431-4UJ10	64540.-	1



SS[^] Enclosure for 3KL8/ 3KA8

Rated current I _e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	3915.-	1
200A-400A	3KX8345-4AC	5210.-	1
500A-800A	3KX8435-4AC ¹⁾	8540.-	1
200A-800A	3KX8435-4AG ^{#2)} NEW	14670.-	1

@ In 3P housing

^ SS stands for Sheet Steel

1) 3KL8 in SS Enclosure: Includes 3KL8 SDF without fuses, SS Enclosure, front drive (Handle) and phase barriers

\$ 3KL8431 (800A): 710A with fuse cover

^ SS stands for Sheet Steel

Enclosure for 4-pole SDF / SD type 3KL83/4 & 3KA83/4

1) SD (except 4-pole) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DC (2nos.)

2) SD (4-pole only) type 3KA84 (630A-1600A), recommended to be used along with gland box 3KX84354DG (2nos.)

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

Notes:

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

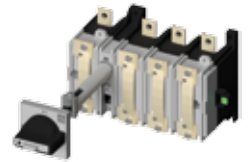
3KL8: Unit MRPs are without fuses

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

Superswitch 3KA8



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

Rated current I _n @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 ^o	2840.-	3KA8151-5TE00	3420.-	3KA8151-4TE00	4605.-	1
100A	-	-	3KA8171-5TE00	5325.-	3KA8171-4TE00	9270.-	1
100A	3KA8211-2TE00	4970.-	3KA8211-5TE00	6775.-	3KA8211-4TE00	10720.-	1
125A	3KA8221-2TE00	6240.-	3KA8221-5TE00	7775.-	3KA8221-4TE00	11515.-	1
160A	3KA8231-2TE00	8310.-	3KA8231-5TE00	10120.-	3KA8231-4TE00	14505.-	1
200A	3KA8311-2UE00	10570.-	3KA8311-5UE00	13065.-	3KA8311-4UE00	16835.-	1
250A	3KA8321-2UE00	11565.-	3KA8321-5UE00	13795.-	3KA8321-4UE00	20680.-	1
400A	3KA8341-2UE00	16045.-	3KA8341-5UE00	20400.-	3KA8341-4UE00	28185.-	1
630A ^s	3KA842□-2UE00	25735.-	3KA842□-5UE00	32380.-	3KA842□-4UE00	40350.-	1
800A ^s	3KA843□-2UE00	26855.-	3KA843□-5UE00	33420.-	3KA843□-4UE00	46300.-	1
1000A ^s	3KA844□-2UE00	35935.-	3KA844□-5UE00	48005.-	3KA844□-4UE00	57055.-	1
1250A ^s	3KA845□-2UE00	47250.-	3KA845□-5UE00	62275.-	3KA845□-4UE00	68590.-	1
1600A ^s	3KA846□-2UE00	54495.-	3KA846□-5UE00	68925.-	3KA846□-4UE00	92375.-	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) and phase barriers

Please scan the QR code for Catalog and Operating instruction sheets (OIS)

Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)		
Fuse cover ²⁾	2P	DIN	3KX8150-0AE ⁵⁾	260.-	3KX8230-0JF	625.-	3KX8340-0AF	915.-	3KX8430-0JF	1295.-	1		
		BS			3KX8230-0HF	625.-			3KX8430-0HF	1295.-	1		
	3P	DIN			3KX8230-0JE	625.-	3KX8340-0AE	915.-	3KX8430-0JE	1295.-	1		
		BS				625.-			3KX8430-0HE	1295.-	1		
	4P	DIN			3KX8230-0JG	435.-	3KX8230-0HG	625.-	3KX8340-0AG	915.-	3KX8430-0JG	1295.-	1
		BS									625.-	3KX8430-0HG	1295.-
Terminal cover (1set = 2pieces)	2P	-	3KX8151-0AE	125.-	3KX8231-0AF	525.-	3KX8341-0AF	1000.-	3KX8431-0AF	1170.-	1		
	3P	-			3KX8231-0AE	525.-	3KX8341-0AE	1000.-	3KX8431-0AE	1170.-	1		
	4P	-			3KX8151-0AG	460.-	3KX8231-0AG	525.-	3KX8341-0AG	1000.-	3KX8431-0AG	1170.-	1
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	50.-	3KX8153-0AE (DIN)	50.-	3KX8343-0AE	160.-	3KX8433-0AE	240.-	1		
					3KX8233-0JE (BS)	50.-					1		
Fuse cover phase barrier kit ³⁾	-	-	-	-	-	3KX8340-9AE	510.-	3KX8440-9AE	510.-	1			
Auxiliary switch (1NO+1NC)	-	-	3SB5400-0A [^]	215.-	3KX3522-1YC	805.-	3KX3552-1YC	970.-	3KX3582-1YC	1170.-	1		
Auxiliary switch (2NO+2NC)	-	-	-	-	3KX3522-1YD	1450.-	3KX3552-1YD	2100.-	3KX3582-1YD	2270.-	1		
Auxiliary switch cover	-	-	3KX8154-0AC	90.-	3KX8234-0AC	90.-	-	-	-	-	1		
Front drive (Handle)	-	-	8UC6114-1BB00	1070.-	8UC6214-1BB00	1210.-	8UC6314-1BB00	1830.-	8UC6414-1BB00	2670.-	1		
Operating shaft (300mm)	-	-	8UC60-31	295.-	8UC60-32	360.-	8UC60-34	695.-	8UC60-34	695.-	1		
Castell interlock ¹⁾ ^	-	-	8UC6070-0YQ..	5590.-	8UC6070-1YQ..	5590.-	8UC6070-2YQ..	5740.-	8UC6070-2YQ..	5740.-	1		
Key interlock	-	-	-	-	-	-	3KX3588-1YP(.) [#]	2625.-	3KX3588-1YP(.) [#]	2625.-	1		
Depth setting template	-	-	8UC6046-2	55.-	8UC6046-2	55.-	8UC6046-2	55.-	8UC6046-2	55.-	1		
Fuse Monitor with auxiliary switch [^] (1NO+1NC)	-	-	3RV1611-0BD10	8755.-	3RV1611-0BD10	8755.-	3RV1611-0BD10	8755.-	3RV1611-0BD10	8755.-	1		
	-	-	3RV2901-1E	1065.-	3RV2901-1E	1065.-	3RV2901-1E	1065.-	3RV2901-1E	1065.-	1		
Fuse safety barrier	-	-	3KX8150-1AC	135.-	3KX8230-1AC	180.-	-	-	-	-	1		
Gland box with gland plate (1no.)	-	-	3KX8235-4DC	4540.-	3KX8235-4DC	4540.-	3KX8345-4DC	6270.-	3KX8435-4DC	9550.-	1		
	-	-							3KX8435-4DG ⁴⁾	15625.-	1		
Gland plate	-	-	3KX8235-4GC	960.-	3KX8235-4GC	960.-	3KX8345-4GC	1250.-	3KX8435-4GC	1385.-	1		
	-	-							3KX8435-4GG ⁴⁾	1400.-	1		

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

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

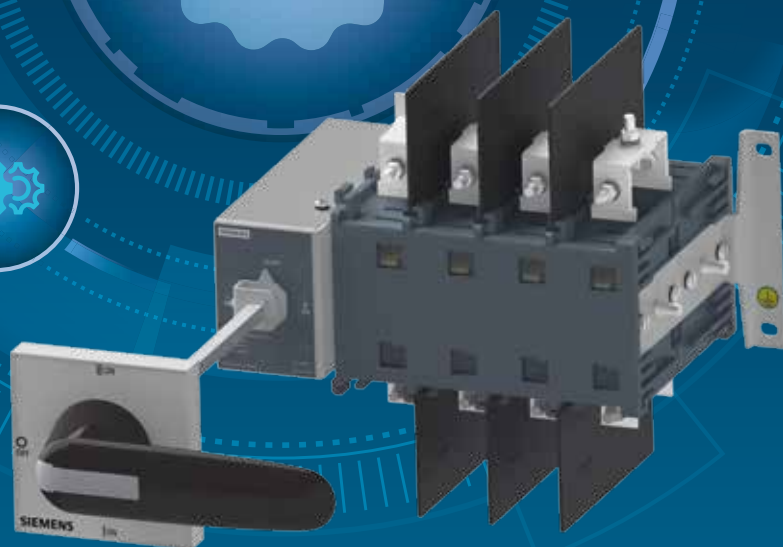
3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF

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



SINOVA

On Load Changeover Switches – 3KJ

Simply Efficient

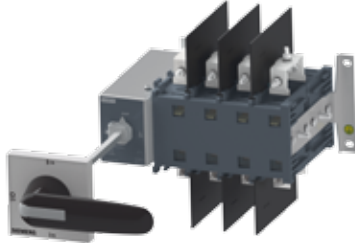
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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SIEMENS

Manual ON Load Changeover Switch 3KJ

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



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

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std. pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	6580.-	3KJ1126-4AA20-1AA0	13010.-	1
		100	3KJ1130-4AA20-0AA0	8750.-	3KJ1130-4AA20-1AA0	15285.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	13100.-	3KJ0132-4AA20-1AA0	17810.-	1
		160	3KJ0134-4AA20-0AA0	14400.-	3KJ0134-4AA20-1AA0	20395.-	1
	2	200	3KJ0236-4AA20-0AA0	18340.-	3KJ0236-4AA20-1AA0	23590.-	1
		250	3KJ0238-4AA20-0AA0	22435.-	3KJ0238-4AA20-1AA0	29315.-	1
		315	3KJ0240-4AA20-0AA0	29400.-	3KJ0240-4AA20-1AA0	35835.-	1
		400	3KJ0242-4AA20-0AA0	POR	3KJ0242-4AA20-1AA0	POR	1
	3	630	3KJ0346-4AA20-0AA0	50750.-	3KJ0346-4AA20-1AA0	61335.-	1
		800	3KJ0348-4AA20-0AA0	73615.-	3KJ0348-4AA20-1AA0	88215.-	1
	4	1000	3KJ0450-4AA30-0AA0	138645.-	3KJ0450-4AA30-1AA0	152465.-	1
		1250	3KJ0452-4AA30-0AA0	170870.-	3KJ0452-4AA30-1AA0	196910.-	1
		1600	3KJ0454-4AA30-0AA0	217825.-	3KJ0454-4AA30-1AA0	265565.-	1
	5	2000	3KJ0556-4AA30-0AA0	335320.-	3KJ0556-4AA30-1AA0	366035.-	1
		2500	3KJ0558-4AA30-0AA0	429915.-	3KJ0558-4AA30-1AA0	468365.-	1
		3150	3KJ0560-4AA30-0AA0	552790.-	3KJ0560-4AA30-1AA0	634850.-	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

Manual ON Load Changeover Switch 3KJ



Auxiliary switch

Gland box

Accessories and spares

Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch ¹⁾	1CO	3KJ9101-1AB00	660.-					1
	2CO	3KJ9101-1AD00	1315.-					1
	1NO+1NC			3KJ9001-1AB00	1705.-	3KJ9001-5AB00	3455.-	1
	2NO+2NC			3KJ9001-1AD00	5945.-	3KJ9001-5AD00	12915.-	1
Gland box ²⁾	With one gland plate			3KJ9013-1MA00	3550.-	3KJ9013-2MB00	8025.-	1
Spare Phase barrier		3KJ9103-1CA00	45.-	3KJ9003-1CA00	65.-	3KJ9003-3CA00	95.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	620.-	3KJ9006-2FT00	620.-	3KJ9006-2FT00	620.-	1
Spare Shaft		3KJ9107-1GA00	210.-	3KJ9007-2GA00	210.-	3KJ9007-2GA00	210.-	1
Spare pole ³⁾				125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	POR	1
				160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		1
					315A 3KJ9008-2HG00	400A 3KJ9008-2HH00		1
								1
								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 ¹⁾	1NO+1NC	3KJ9001-5AB00	3455.-	3KJ9001-5AB00	3455.-	3KJ9001-5AB00	3455.-	1
	2NO+2NC	3KJ9001-5AD00	12915.-	3KJ9001-5AD00	12915.-	3KJ9001-5AD00	12915.-	1
Gland box ²⁾	With one gland plate	3KJ9013-3MC00	12350.-					1
Spare Phase barrier	Lower side	3KJ9003-3CA00	95.-	3KJ9003-4CA00	350.-			1
	Front side					3KJ9003-5CA10	350.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	710.-			3KJ9003-5CA20	380.-	1
	Metallic			3KJ9006-4FM00	2050.-	3KJ9006-5FM00	2200.-	1
Spare Shaft		3KJ9007-4GA00	445.-	3KJ9007-4GA00	445.-	3KJ9007-5GA00	445.-	1
		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
Spare pole ³⁾		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
	Spare Extended link				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00	
				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR	2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20				1
	Line side connection			3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50	1			
Spare Bridging bar	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

Load Break Switches



SIVACON

Technology
Partner

SIEMENS

When it comes to safety, nothing beats SIVACON

**SIVACON S8 - the only most economical switchboard
with true closed door trolley disconnection**

The SIVACON S8 low-voltage power distribution switchboard sets new standards of fail-proof safety & service. 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
- SIVACON 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
- State-of-the-art technology, innovation in design and unmatched performance

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SIEMENS

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□	2990.-
	25	9.5	3LD2103-0TK5□	3305.-
	32	11.5	3LD2203-0TK5□	3685.-
	63	22	3LD2504-0TK5□	6315.-
	100	37	3LD2704-0TK5□	9570.-
	125	45	3LD2804-0TK5□	12195.-
	160	75	3LD2305-0TK1□	Price on request
	250	132	3LD2405-0TK1□	Price on request

□ - 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□	2670.-
	25	9.5	3LD2122-0TK1□	2925.-
	32	11.5	3LD2222-0TK1□	3550.-

□ - 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	6550.-
	32	11.5	3LD2223-7UK01	7165.-
	63	22	3LD2524-7UK01	11850.-
	100	37	3LD2724-7UK01	22030.-
	160	75	3LD2305-7UK01	Price on request
	250	132	3LD2405-7UK01	Price on request

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	10485.-
	32	11.5	3LD22657UB01	11920.-
	63	22	3LD25667UB01	25855.-
	100	37	3LD27667UB01	44550.-

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□	4790.-
	25	9.5	3LD2113-0TK5□	5320.-
	32	11.5	3LD2213-0TK5□	5865.-
	63	22	3LD2514-0TK5□	7030.-
	100	37	3LD2714-0TK5□	11550.-
	125	45	3LD2814-0TK5□	14425.-
	160	75	3LD2318-0TK1□	Price on request
	250	132	3LD2418-0TK1□	Price on request

□ - 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□	4260.-
	25	9.5	3LD2164-0TB5□	4620.-
	32	11.5	3LD2264-0TB5□	5490.-
	63	22	3LD2565-0TB5□	9090.-
	100	37	3LD2766-0TB5□	20660.-
	125	45	3LD2866-0TB5□	37390.-

□ - 1: Black OR
□ - 3: Red/yellow

Note: 3LD23/24 knob operated mechanism

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

Configurator for 3LD

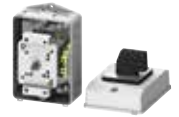
- Ready-to-install version
- Application specific switches
- Accessories



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)	3LD92200B	1345.-	1		
		3LD25 (63A)	3LD92500BA	1975.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD92800B	2455.-	1		
		3LD23 (160A) and 3LD24 (250A)	3LD92400B	Price on request	1		
	N or PE terminal Continuous	3LD20 (16A)	3LD92002B	900.-	1		
		3LD21 (25A) and 3LD22 (32A)	3LD92202B	1025.-	1		
		3LD25 (63A)	3LD92502BA	1350.-	1		
		3LD27 (100A) and 3LD28 (125A)	3LD92802B	1640.-	1		
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD23 (160A) and 3LD24 (250A)	3LD92402B	Price on request	1		
		3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24	3LD92005B	1495.-	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)	3LD92200C	1345.-	1
				3LD25 (63A)	3LD92500CA	1975.-	1
3LD27 (100A) and 3LD28 (125A)	3LD92800C			2455.-	1		
3LD23 (160A) and 3LD24 (250A)	3LD92400C			Price on request	1		
N or PE terminal Continuous	3LD20 (16A)		3LD92002C	1220.-	1		
	3LD21 (25A) and 3LD22 (32A)		3LD92202C	1025.-	1		
	3LD25 (63A)		3LD92502CA	1350.-	1		
	3LD27 (100A) and 3LD28 (125A)		3LD92802C	1640.-	1		
Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD23 (160A) and 3LD24 (250A)		3LD92402C	Price on request	1		
	3LD20, 3LD21, 3LD22, 3LD25, 3LD27, 3LD28, 3LD23 and 3LD24		3LD92005C	1420.-	1		
	Terminal cover for touch protection can be snapped on at top & bottom for front, floor and distribution board mounting		4 pole	3LD20 (16A)	3LD92011A	460.-	4
			3 pole	3LD21 (25A) and 3LD22 (32A)	3LD92210A	425.-	4
3 pole		3LD25 (63A)	3LD92510A	475.-	4		
1 pole		3LD27 (100A) and 3LD28 (125A)	3LD92812A	230.-	4		
1 pole		3LD23 (160A) and 3LD24 (250A)	3LD92412A	Price on request	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	3LD92805D	Price on request	1		
		3LD23 and 3LD24	3LD92405D	Price on request	1		

3LD2 maintenance and repair switches with EMC shield plate.
Please contact your nearest Siemens partner 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	2480.-	10
		30	3LA0601-1YB	5760.-	5
	System selector	5.5	3LA0202-1YA	2830.-	10
		30	3LA0602-1YB	8055.-	5
	Reversing	5.5	3LA0203-1YA	2830.-	10
		30	3LA0603-1YB	8055.-	5
	Star-delta	12	3LA0204-5YA	3990.-	10
		30	3LA0604-1YB	10965.-	5
	2 speed pole changing i) Separate windings ii) Dahlander	5.5	3LA0205-2YA	2830.-	10
		5.5	3LA0205-1YA	3810.-	10
		5.5	3LA0205-3YA	5475.-	10

Spares & accessories for motor control switches**



Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	3LX0 211-1YA	150.-	10
Machine handle – Black	3LX0 611-2YA	405.-	10
Indicating dial for size 2	3LX0 220-1YA	115.-	10
Indicating dial for size 6	3LX0 620-1YA	115.-	10
Catching lever for the drive mechanism of size 2switch (2 nos. reqd. per switch)	3LY0 220-2YA	115.-	10
Tension spring for the drive mechanism of size 2 switch	3LY0 210-1YA	105.-	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	1700.-	10
	63	52	3LA0605-1YB	4085.-	5
4	25	16	3LA0205-5YA	2830.-	10
	63	52	3LA0605-2YB	7450.-	5

* LP - List Price



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

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SIEMENS

3LD4 Control Switches

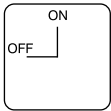
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- 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



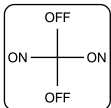
ON OFF Switches

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	170.-	320.-	380.-	400.-	415.-	515.-	655.-	765.-	3990.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	215.-	365.-	430.-	480.-	500.-	595.-	780.-	975.-	4985.-	
3LD4 ___ 3AA00-ORCO	3 Pole	230.-	430.-	505.-	550.-	655.-	730.-	915.-	1315.-	6135.-	
3LD4 ___ 4AA00-ORCO NEW	4 Pole	285.-	470.-	540.-	660.-	805.-	865.-	1045.-	1580.-	7185.-	

90° Operation with complete rotation

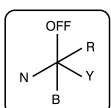
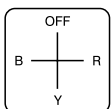


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	165.-	320.-	380.-	400.-	405.-	505.-	650.-	760.-	3990.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	215.-	365.-	430.-	480.-	500.-	595.-	780.-	975.-	4985.-	
3LD4 ___ 3BC00-ORCO	3 Pole	230.-	430.-	505.-	550.-	655.-	730.-	915.-	1315.-	6135.-	
3LD4 ___ 4BC00-ORCO NEW	4 Pole	285.-	470.-	540.-	660.-	805.-	865.-	1045.-	1580.-	7185.-	

* 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)



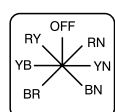
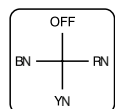
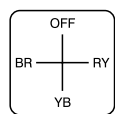
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RCO	350.-	1
	10A	3LD41024DC200RCO	420.-	
	16A	3LD41034DC200RCO	535.-	
	20A	3LD41044DC200RCO	600.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RCO	345.-	
	10A	3LD41024DD200RCO	415.-	
	16A	3LD41034DD200RCO	525.-	
	20A	3LD41044DD200RCO	670.-	



* LP - List Price

3LD4 Control Switches

Voltmeter Selector Switch (VSS)

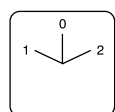


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	255.-	1
	10A	3LD41024DC300RC0	380.-	
	16A	3LD41034DC300RC0	485.-	
	20A	3LD41044DC300RC0	550.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	455.-	
	10A	3LD41024DC310RC0	515.-	
	16A	3LD41034DC310RC0	660.-	
	20A	3LD41044DC310RC0	725.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	455.-	
	10A	3LD41024DF300RC0	765.-	
	16A	3LD41034DF300RC0	910.-	
	20A	3LD41044DF300RC0	985.-	



Changeover Switch

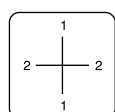
With OFF (60°)



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	215.-	395.-	480.-	495.-	505.-	560.-	760.-	1030.-	5155.-	1
3LD4 ___ 2BB10-ORCO	2P 2W	285.-	480.-	540.-	640.-	680.-	800.-	1040.-	1560.-	7540.-	
3LD4 ___ 3BB10-ORCO	3P 2W	350.-	595.-	725.-	895.-	1035.-	1120.-	1315.-	2100.-	9765.-	
3LD4 ___ 4BB10-ORCO NEW	4P 2W	430.-	660.-	835.-	1095.-	1375.-	1445.-	1605.-	2655.-	12445.-	

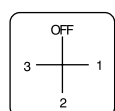


Without OFF (90°)



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	215.-	395.-	480.-	485.-	505.-	560.-	760.-	1030.-	5155.-	1
3LD4 ___ 2PC10-ORCO	2P 2W	285.-	480.-	540.-	640.-	680.-	800.-	1040.-	1560.-	7540.-	
3LD4 ___ 3PC10-ORCO	3P 2W	350.-	595.-	725.-	895.-	1035.-	1120.-	1315.-	2100.-	9765.-	
3LD4 ___ 4PC10-ORCO NEW	4P 2W	430.-	660.-	835.-	1095.-	1375.-	1445.-	1605.-	2655.-	12445.-	

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	255.-	345.-	405.-	480.-	485.-	605.-	885.-	990.-	4235.-	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

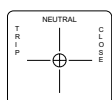
NEW

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



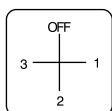
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	1420.-	1
	32A	3LD4206-2BB50-ORCO	1675.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	1710.-	
	32A	3LD4206-4BB50-ORCO	1995.-	

Multistep Switch

NEW

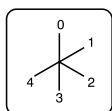


Multistep 3 Way with OFF



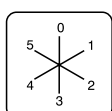
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1CC40-ORCO	1P 3W	255.-	430.-	500.-	515.-	540.-	610.-	865.-	975.-	5285.-	1
3LD4 ___2CC40-ORCO	2P 3W	350.-	505.-	610.-	725.-	830.-	890.-	1280.-	1440.-	7765.-	
3LD4 ___3CC40-ORCO	3P 3W	505.-	675.-	1030.-	1105.-	1225.-	1335.-	1705.-	2230.-	10150.-	
3LD4 ___4CC40-ORCO	4P 3W	650.-	870.-	1250.-	1370.-	1530.-	1685.-	2290.-	2670.-	12820.-	

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	290.-	385.-	725.-	785.-	870.-	970.-	1100.-	1490.-	4675.-	1
3LD4 ___2DD40-ORCO	2P 4W	505.-	730.-	860.-	880.-	920.-	1065.-	1375.-	1740.-	6815.-	
3LD4 ___3DD40-ORCO	3P 4W	705.-	980.-	1365.-	1425.-	1530.-	1760.-	2345.-	2670.-	18765.-	

Multistep 5 Way with OFF



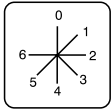
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1EE40-ORCO	1P 5W	325.-	615.-	835.-	945.-	1090.-	1105.-	1365.-	1590.-	4690.-	1
3LD4 ___2EE40-ORCO	2P 5W	595.-	955.-	1110.-	1280.-	1485.-	1740.-	1790.-	2235.-	6810.-	

* LP - List Price

Multistep Switch

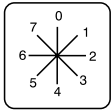
NEW

Multistep 6 Way with OFF



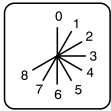
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1FF40-ORCO	1P 6W	425.-	690.-	805.-	885.-	970.-	1130.-	1160.-	1875.-	1	
3LD4 ___ 2FF40-ORCO	2P 6W	705.-	1040.-	1170.-	1320.-	1490.-	1805.-	2310.-	3015.-		

Multistep 7 Way with OFF



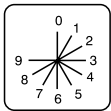
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1GG40-ORCO	1P 7W	430.-	715.-	880.-	965.-	1105.-	1155.-	1200.-	1865.-	1	

Multistep 8 Way with OFF



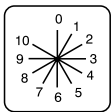
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	490.-	605.-	865.-	1005.-	1

Multistep 9 Way with OFF



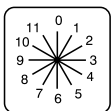
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	505.-	735.-	895.-	1065.-	1

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	595.-	775.-	1200.-	1615.-	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	705.-	845.-	1320.-	1740.-	1

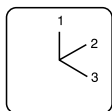
* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 3 Pole Multistep 4 Way with OFF the complete type no will be 3LD40013DD40-ORCO

Multistep Switch

NEW

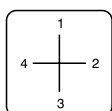


Multistep 3 Way without OFF



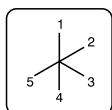
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORCO	1P 3W	240.-	415.-	505.-	515.-	640.-	665.-	1025.-	1155.-	4335.-	1
3LD4 ___ 2QB40-ORCO	2P 3W	350.-	625.-	715.-	780.-	840.-	865.-	1280.-	1515.-	7765.-	
3LD4 ___ 3QB40-ORCO	3P 3W	505.-	780.-	1065.-	1135.-	1225.-	1335.-	1875.-	2230.-	8335.-	
3LD4 ___ 4QB40-ORCO	4P 3W	650.-	870.-	1230.-	1405.-	1555.-	1655.-	3645.-	4025.-	8940.-	

Multistep 4 Way without OFF



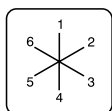
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-ORCO	1P 4W	275.-	455.-	615.-	670.-	770.-	805.-	1110.-	1550.-	5285.-	1
3LD4 ___ 2RC40-ORCO	2P 4W	395.-	655.-	725.-	835.-	910.-	990.-	1335.-	1740.-	8160.-	
3LD4 ___ 3RC40-ORCO	3P 4W	535.-	640.-	1155.-	1275.-	1445.-	1605.-	1750.-	2330.-	10760.-	

Multistep 5 Way without OFF



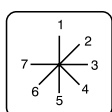
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-ORCO	1P 5W	325.-	475.-	665.-	760.-	865.-	1065.-	1365.-	1745.-	4670.-	1
3LD4 ___ 2SD40-ORCO	2P 5W	595.-	805.-	910.-	1170.-	1370.-	1475.-	1890.-	2400.-	6710.-	

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	345.-	425.-	830.-	885.-	970.-	1105.-	1285.-	1630.-	7765.-	1
3LD4 ___ 2TE40-ORCO	2P 6W	675.-	820.-	1120.-	1405.-	1715.-	1765.-	1790.-	2285.-	15490.-	

Multistep 7 Way without OFF



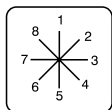
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)		
3LD4 ___ 1UF40-ORCO	1P 7W	425.-	540.-	625.-	870.-	1145.-	1150.-	1375.-	2045.-	1	

* LP - List Price

Multistep Switch

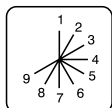
NEW

Multistep 8 Way without OFF



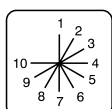
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	430.-	855.-	940.-	1005.-	1

Multistep 9 Way without OFF



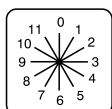
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	505.-	880.-	1495.-	1855.-	1

Multistep 10 Way without OFF



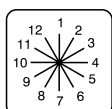
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	540.-	900.-	1655.-	2230.-	1

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	565.-	920.-	1775.-	2350.-	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	615.-	940.-	1855.-	2380.-	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 with OFF the complete type no will be 3LD40013DD40-ORCO

* LP - List Price





Power monitoring made simple

Measuring devices and software from the
SENTRON portfolio

- Ease of operation and visualization
- Scalability
- Cyber Security
- Various communication protocols

www.siemens.com/powermonitoring

SIEMENS

Energy Management System

(A) Hardware Solutions

Complete Range of Power Monitoring Devices for LV and HV Networks



SMART 7KT: Smart metering solutions for load feeders

- Integrated communication facility (MODBUS RTU)
- Inbuilt DI
- Ingress protection upto IP65



for more info scan QR code

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* ₹
SMART 7KT Multifunction Meter	7KT0310	15065.-

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#	46295.-
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#	63245.-
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#	Price on request

Expansion Modules (for PAC3220 and PAC4200)

Description	Type	Unit LP* ₹
PROFIBUS DP expansion module	7KM9300-0AB01-0AA0	22580.-
RS485 expansion module for MODBUS RTU	7KM9300-0AM00-0AA0	17435.-
Switched Ethernet PROFINET V3 expansion module	7KM9300-0AE02-0AA0	Price on request
Digital Expansion Module 4DI/2DO ⁵	7KM9200-0AB00-0AA0	Price on request
Analog Expansion Module	7KM9200-0AD00-0AA0	Price on request

For extra low DC voltage (22 ... 65 V DC ± 10 %) option, please contact your nearest Siemens partner.

⁵ Maximum 2 nos.can be connected if communication expansion module is not connected.

For exact configuration, please contact the nearest Sales Office.

(B) Software Solution

Description	Unit LP* ₹
SETRON powermanager 3.6: Complete Energy Management Software	Price on request

Std. Pkg. = 1 unit

* LP - List Price

PAC EXPANSION Modules

7KM PAC 3220 7KM PAC 4200

MODBUS RTU PROFINET

PROFIBUS DP I(N), I(Diff), Analog

PAC 4DI/2DO





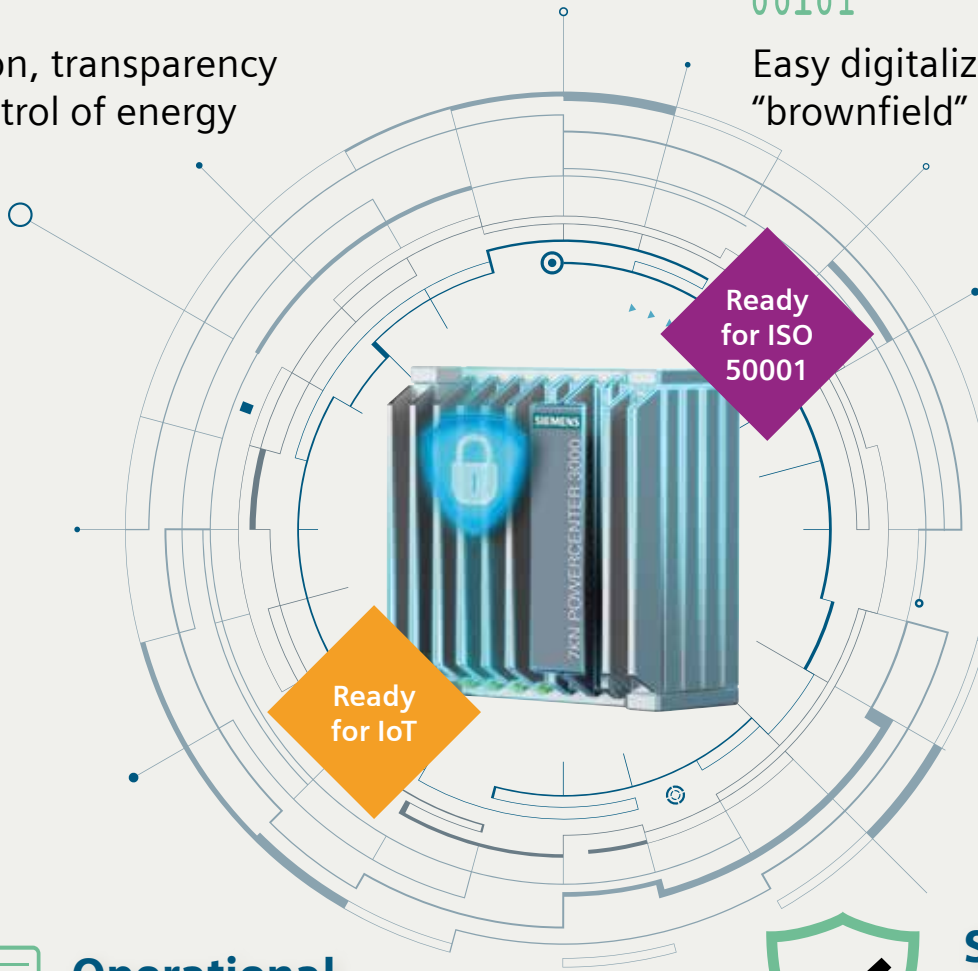
Energy management

Detection, transparency and control of energy flows

101 0
1 11101
0011011
10101
00101

Adaptability to Industry 4.0

Easy digitalization of "brownfield" projects



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

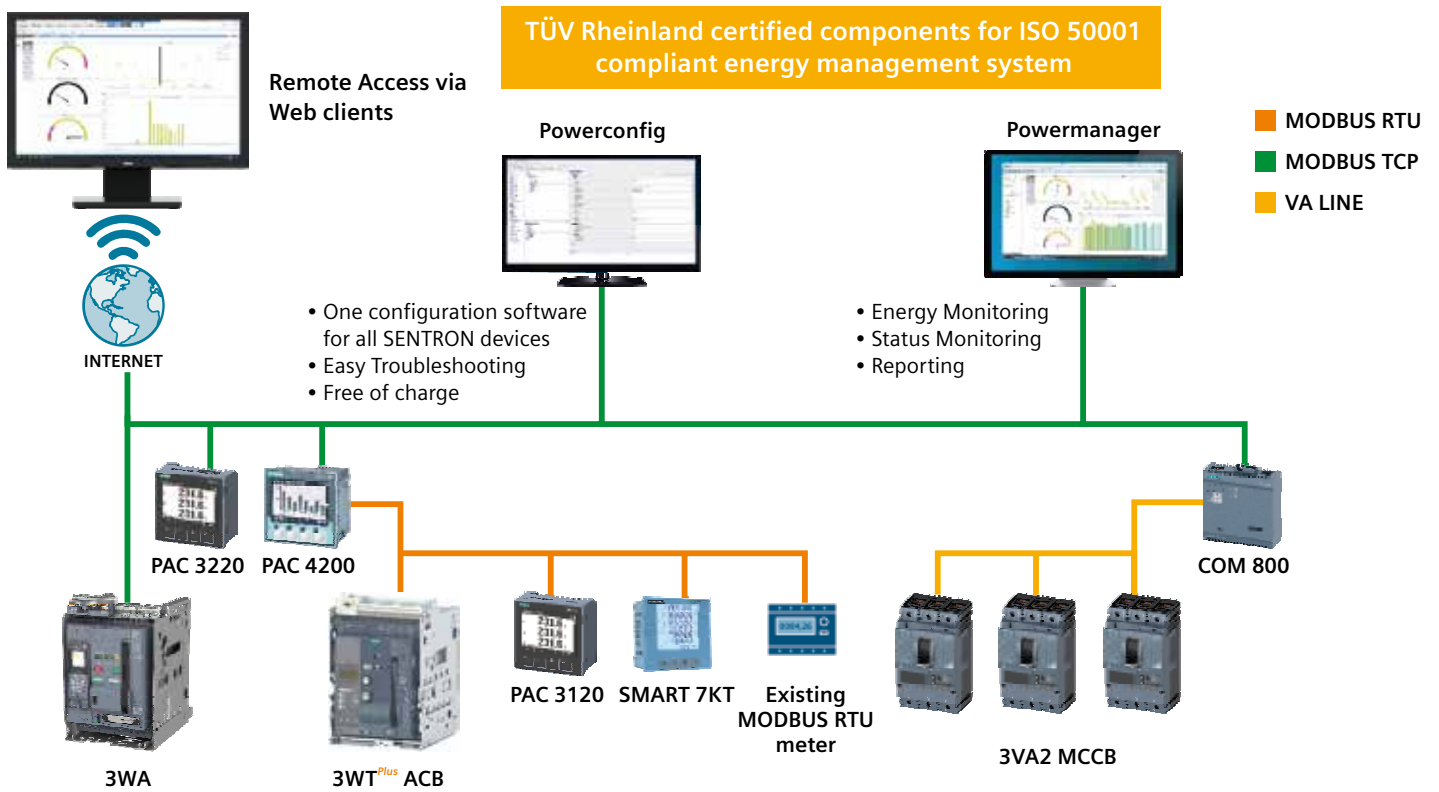
SENTRON Powercenter 3000

Gateway to the digitalization of low-voltage power distribution

Siemens/SENTRON-Digitalization

SIEMENS

Single Platform Energy Management Solution for LV power distribution



Energy Management System



Power Quality Measurement

SENTRON 7KM PAC 5100/5200

- 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, contact your nearest Siemens partner.

www.siemens.co.in

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	30895.-
PAC 2200 DIN rail meter with integrated ethernet port for MODBUS TCP 65A direct connection Class 1 accuracy	7KM2200-2EA40-1EA1	Price on request
PAC3200T DIN rail meter with integrated ethernet port for MODBUS TCP High accuracy of class 0.5 Without display	7KM3200-0CA01-1AA0	Price on request

Std. Pkg. = 1 unit

* LP - List Price

PAC 2200 and PAC 3200T:

Reliable and Easy energy monitoring for DIN rail Applications

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



Energy Management System

SENTRON 7KT PAC 1600 DIN Rail mounted compact Energy Meters

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

www.siemens.com/powermonitoring



7KT PAC1200

Multichannel current measuring system for flexible multichannel monitoring in final distribution

Current Sensors

- Versions: 40 A, 63 A

Sensor Bar

- Versions available for 3, 6, 9, 12

Data Manager

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

Communication/ Software:

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

*For more details, contact nearest Siemens Sales Office

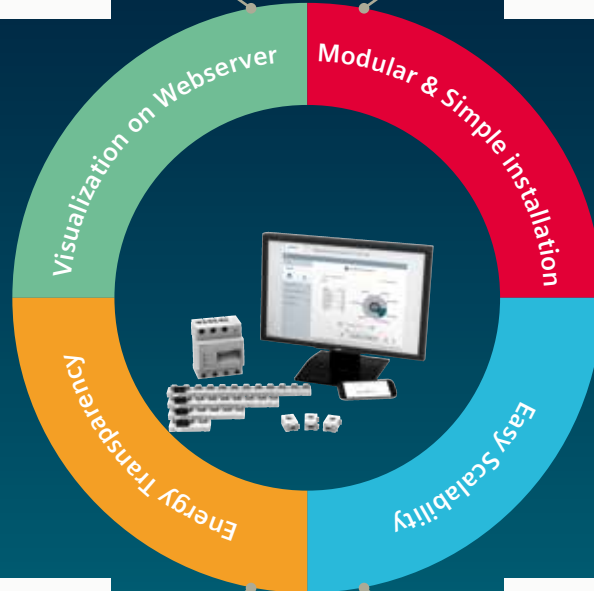
www.siemens.com/powermonitoring

SIEMENS

- Modbus TCP/IP communication
- Simple configuration of system via powerconfig V3.18 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



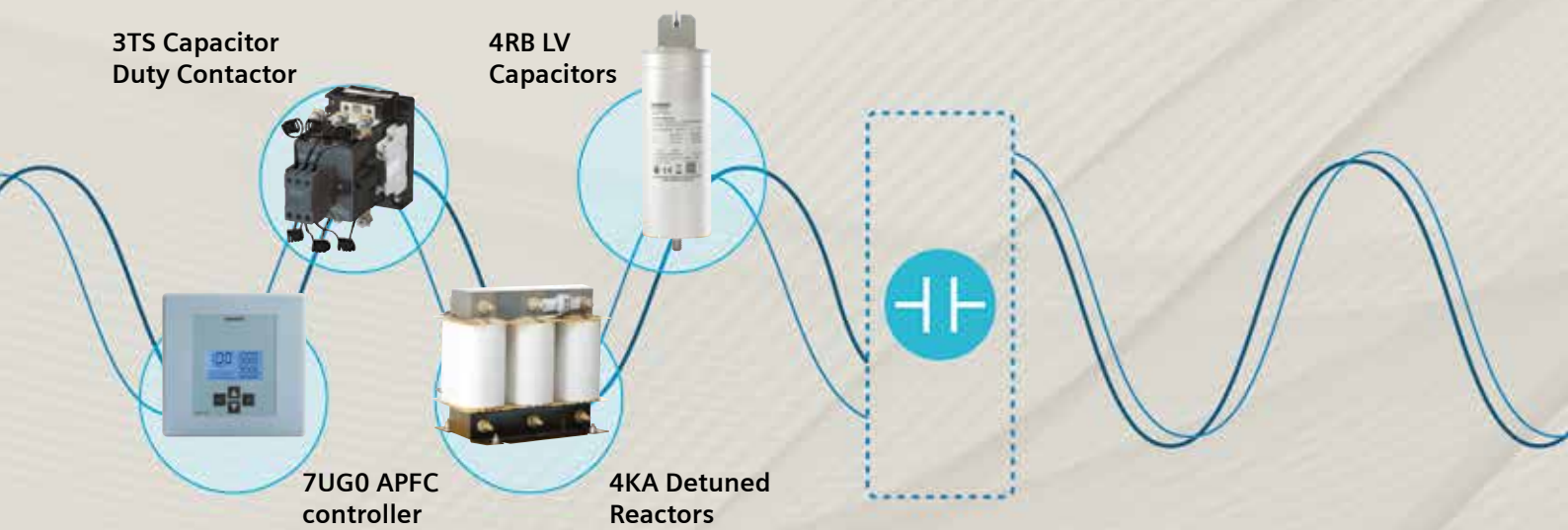
Easy



Transparent



Cost-efficient



Power Quality Solutions

www.siemens.co.in

SIEMENS

SIECAP™ LV Power Capacitors

NEW

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	0.9	4RB2008-3EE52-8K	365.-	1
	1	4RB2010-3EE52-8K	400.-	1
	1.2	4RB2012-3EE52-8K	475.-	1
	1.5	4RB2015-3EE52-8K	590.-	1
	2.1	4RB2021-3EE52-8K	835.-	1
	2.5	4RB2025-3EE52-8K	990.-	1
	3	4RB2030-3EE52-8K	1195.-	1
	4.2	4RB2042-3EE52-8K	1660.-	1
	5	4RB2050-3EE52-8K	1980.-	1
	6	4RB2060-3EE52-8K	2090.-	1
	7	4RB2070-3EE52-8K	2440.-	1
	7.5	4RB2075-3EE52-8K	2620.-	1
	8.3	4RB2083-3EE52-8K	2900.-	1
	9	4RB2090-3EE52-8K	3140.-	1
	10	4RB2100-3EE52-8K	3495.-	1
	12.5	4RB2125-3EE52-8K	3770.-	1
	15	4RB2150-3EE52-8K	4520.-	1
	16.7	4RB2167-3EE52-8K	5025.-	1
	20	4RB2200-3EE52-8K	6015.-	1
	20.8	4RB2208-3EE52-8K	6265.-	1
25	4RB2250-3EE52-8K	7535.-	1	
28	4RB2280-3EE52-8K	8435.-	1	
30	4RB2300-3EE52-8K	9040.-	1	

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	1	4RB2010-3EJ52-8K	420.-	1
	1.5	4RB2015-3EJ52-8K	625.-	1
	2	4RB2020-3EJ52-8K	825.-	1
	2.5	4RB2025-3EJ52-8K	1025.-	1
	4.2	4RB2042-3EJ52-8K	1740.-	1
	5	4RB2050-3EJ52-8K	1825.-	1
	5.5	4RB2055-3EJ52-8K	2270.-	1
	8.3	4RB2083-3EJ52-8K	3030.-	1
	10.4	4RB2104-3EJ52-8K	3795.-	1
	11.1	4RB2111-3EJ52-8K	3870.-	1
	12.5	4RB2125-3EJ52-8K	3970.-	1
	13.8	4RB2138-3EJ52-8K	4380.-	1
	15	4RB2150-3EJ52-8K	4760.-	1
	16.7	4RB2167-3EJ52-8K	5290.-	1
	20.8	4RB2208-3EJ52-8K	6600.-	1
	25	4RB2250-3EJ52-8K	7925.-	1
	27.7	4RB2277-3EJ52-8K	8785.-	1
	30	4RB2300-3EJ52-8K	9515.-	1

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

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

Power Quality Solutions



Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

NEW

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	2430.-	1
	7.5	4RB2075-3EB53-8K	3635.-	1
	10.4	4RB2104-3EB53-8K	5040.-	1
	12.5	4RB2125-3EB53-8K	5470.-	1
	15	4RB2150-3EB53-8K	6565.-	1
	20	4RB2200-3EB53-8K	8755.-	1
	25	4RB2250-3EB53-8K	10940.-	1
440	1	4RB2010-3EE53-8K	500.-	1
	2	4RB2020-3EE53-8K	1005.-	1
	3	4RB2030-3EE53-8K	1500.-	1
	4	4RB2040-3EE53-8K	2005.-	1
	5	4RB2050-3EE53-8K	2505.-	1
	7.5	4RB2075-3EE53-8K	3635.-	1
	10	4RB2100-3EE53-8K	4845.-	1
	12.5	4RB2125-3EE53-8K	5470.-	1
	15	4RB2150-3EE53-8K	6565.-	1
	20	4RB2200-3EE53-8K	8755.-	1
	25	4RB2250-3EE53-8K	10940.-	1
	28.1	4RB2281-3EE53-8K	12290.-	1
	30	4RB2300-3EE53-8K	13125.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	2505.-	1
	6.3	4RB2063-3EJ53-8K	3150.-	1
	8.3	4RB2083-3EJ53-8K	4150.-	1
	10.4	4RB2104-3EJ53-8K	4720.-	1
	11	4RB2110-3EJ53-8K	4990.-	1
	12.5	4RB2125-3EJ53-8K	5665.-	1
	13.8	4RB2138-3EJ53-8K	6260.-	1
	15	4RB2150-3EJ53-8K	6800.-	1
	16.7	4RB2167-3EJ53-8K	7565.-	1
	18.7	4RB2187-3EJ53-8K	8475.-	1
	20	4RB2200-3EJ53-8K	9070.-	1
	22	4RB2220-3EJ53-8K	9965.-	1
	25	4RB2250-3EJ53-8K	11325.-	1
	28.1	4RB2281-3EJ53-8K	12735.-	1
	30	4RB2300-3EJ53-8K	13590.-	1
525	5	4RB2050-3FC53-8K	2580.-	1
	6.3	4RB2063-3FC53-8K	3260.-	1
	8.3	4RB2083-3FC53-8K	4285.-	1
	10.4	4RB2104-3FC53-8K	4875.-	1
	12.5	4RB2125-3FC53-8K	5865.-	1
	13.2	4RB2132-3FC53-8K	6190.-	1
	15	4RB2150-3FC53-8K	7030.-	1
	16.7	4RB2167-3FC53-8K	7840.-	1
	20	4RB2200-3FC53-8K	9375.-	1
	25	4RB2250-3FC53-8K	11720.-	1
	26.5	4RB2265-3FC53-8K	12425.-	1
	30	4RB2300-3FC53-8K	14065.-	1
	33.1	4RB2331-3FC53-8K	15515.-	1

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

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



Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors



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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	2770.-	1
	6.3	4RB1063-3EB50-8K	3485.-	1
	7.5	4RB1075-3EB50-8K	4145.-	1
	10.4	4RB1104-3EB50-8K	5755.-	1
	12.5	4RB1125-3EB50-8K	6245.-	1
	15	4RB1150-3EB50-8K	7495.-	1
	20	4RB1200-3EB50-8K	9995.-	1
	25	4RB1250-3EB50-8K	12495.-	1
	28.1	4RB1281-3EB50-8K	14035.-	1
	30	4RB1300-3EB50-8K	14990.-	1
	33	4RB1330-3EB50-8K	16490.-	1
440	1	4RB1010-3EE50-8K	565.-	1
	2	4RB1020-3EE50-8K	1145.-	1
	3	4RB1030-3EE50-8K	1710.-	1
	4	4RB1040-3EE50-8K	2290.-	1
	5	4RB1050-3EE50-8K	2860.-	1
	7.5	4RB1075-3EE50-8K	4145.-	1
	10	4RB1100-3EE50-8K	5535.-	1
	10.4	4RB1104-3EE50-8K	5755.-	1
	12.5	4RB1125-3EE50-8K	6245.-	1
	15	4RB1150-3EE50-8K	7495.-	1
	16.7	4RB1167-3EE50-8K	8345.-	1
	20	4RB1200-3EE50-8K	9995.-	1
	25	4RB1250-3EE50-8K	12495.-	1
	28.1	4RB1281-3EE50-8K	14035.-	1
	30	4RB1300-3EE50-8K	14990.-	1
	33.1	4RB1331-3EE50-8K	16540.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)	
480	5	4RB1050-3EJ50-8K	2860.-	1	
	6.3	4RB1063-3EJ50-8K	3595.-	1	
	8.3	4RB1083-3EJ50-8K	4740.-	1	
	10.4	4RB1104-3EJ50-8K	5385.-	1	
	11	4RB1111-3EJ50-8K	5700.-	1	
	12.5	4RB1125-3EJ50-8K	6470.-	1	
	13.8	4RB1138-3EJ50-8K	7150.-	1	
	15	4RB1150-3EJ50-8K	7765.-	1	
	16.7	4RB1167-3EJ50-8K	8640.-	1	
	18.7	4RB1187-3EJ50-8K	9680.-	1	
	20	4RB1200-3EJ50-8K	10355.-	1	
	22	4RB1220-3EJ50-8K	11385.-	1	
	25	4RB1250-3EJ50-8K	12935.-	1	
	28.1	4RB1281-3EJ50-8K	14540.-	1	
	30	4RB1300-3EJ50-8K	15520.-	1	
	31	4RB1310-3EJ50-8K	16045.-	1	
	33	4RB1330-3EJ50-8K	17085.-	1	
	525	5	4RB1050-3FC50-8K	2945.-	1
		6.3	4RB1063-3FC50-8K	3720.-	1
8.3		4RB1083-3FC50-8K	4890.-	1	
10.4		4RB1104-3FC50-8K	5565.-	1	
12.5		4RB1125-3FC50-8K	6695.-	1	
13.2		4RB1132-3FC50-8K	7070.-	1	
15		4RB1150-3FC50-8K	8030.-	1	
16.7		4RB1167-3FC50-8K	8950.-	1	
20		4RB1200-3FC50-8K	10705.-	1	
25		4RB1250-3FC50-8K	13385.-	1	
26.5		4RB1265-3FC50-8K	14190.-	1	
30		4RB1300-3FC50-8K	16065.-	1	
33.1		4RB1331-3FC50-8K	17720.-	1	
690		5.3	4RB1053-3GK50-8K	2930.-	1
		6.9	4RB1068-3GK50-8K	3825.-	1
	10.4	4RB1104-3GK50-8K	5755.-	1	
	12.5	4RB1125-3GK50-8K	6920.-	1	
	14.6	4RB1146-3GK50-8K	8080.-	1	
	20	4RB1200-3GK50-8K	11065.-	1	
	25	4RB1250-3GK50-8K	13835.-	1	

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

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

Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

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



Copper Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	16500.-
10kvar	5.67%	4KA1220-3AC01-0AA0	19580.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	22920.-
15kvar	5.67%	4KA1220-5AC01-0AA0	24760.-
20kvar	5.67%	4KA1220-6AC01-0AA0	26480.-
25kvar	5.67%	4KA1220-7AC01-0AA0	28330.-
50kvar	5.67%	4KA1220-2BC01-0AA0	45930.-
5kvar	7%	4KA1220-1AA01-0AA0	16490.-
10kvar	7%	4KA1220-3AA01-0AA0	22620.-
12.5kvar	7%	4KA1220-4AA01-0AA0	24420.-
15kvar	7%	4KA1220-5AA01-0AA0	28200.-
20kvar	7%	4KA1220-6AA01-0AA0	30040.-
25kvar	7%	4KA1220-7AA01-0AA0	31610.-
50kvar	7%	4KA1220-2BA01-0AA0	56320.-
75kvar	7%	4KA1220-3BA03-0AA0	78980.-
100kvar	7%	4KA1220-4BA03-0AA0	99410.-
5kvar	14%	4KA1220-1AB01-0AA0	21710.-
10kvar	14%	4KA1220-3AB01-0AA0	36300.-
12.5kvar	14%	4KA1220-4AB01-0AA0	36430.-
15kvar	14%	4KA1220-5AB01-0AA0	42660.-
20kvar	14%	4KA1220-6AB01-0AA0	51910.-
25kvar	14%	4KA1220-7AB01-0AA0	58370.-
50kvar	14%	4KA1220-2BB01-0AA0	94780.-
75kvar	14%	4KA1220-3BB03-0AA0	121260.-
100kvar	14%	4KA1220-4BB03-0AA0	168640.-

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	12260.-
10kvar	5.67%	4KA1420-3AC01-0AA0	15630.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	17130.-
15kvar	5.67%	4KA1420-5AC01-0AA0	20260.-
20kvar	5.67%	4KA1420-6AC01-0AA0	23100.-
25kvar	5.67%	4KA1420-7AC01-0AA0	23390.-
50kvar	5.67%	4KA1420-2BC01-0AA0	42560.-
5kvar	7%	4KA1420-1AA01-0AA0	13050.-
10kvar	7%	4KA1420-3AA01-0AA0	16790.-
12.5kvar	7%	4KA1420-4AA01-0AA0	18570.-
15kvar	7%	4KA1420-5AA01-0AA0	20930.-
20kvar	7%	4KA1420-6AA01-0AA0	22290.-
25kvar	7%	4KA1420-7AA01-0AA0	23840.-
50kvar	7%	4KA1420-2BA01-0AA0	40990.-
75kvar	7%	4KA1420-3BA03-0AA0	55690.-
100kvar	7%	4KA1420-4BA03-0AA0	72830.-
5kvar	14%	4KA1420-1AB01-0AA0	17770.-
10kvar	14%	4KA1420-3AB01-0AA0	26650.-
12.5kvar	14%	4KA1420-4AB01-0AA0	29000.-
15kvar	14%	4KA1420-5AB01-0AA0	34330.-
20kvar	14%	4KA1420-6AB01-0AA0	38120.-
25kvar	14%	4KA1420-7AB01-0AA0	46510.-
50kvar	14%	4KA1420-2BB01-0AA0	82280.-

Power Quality Solutions



* LP - List Price

3TS Capacitor duty Contactors

Now in **NEW**
TI - GREY

The 3TS capacitor duty contactor (with **patented** de-latching technology) provides a reliable and economical solution for capacitor switching applications.

Features and Benefits

- De-latching operating principle
- SIGUT Termination technique
- Finger touch proof terminals
- Compact Dimensions
- DIN / Screw mounting
- Reliable switching of capacitor banks
- Ease of wiring (can obviate use of lugs)
- Operator Safety
- Space saving
- Flexible mounting



Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
5 kvar NEW	1 NO	3TS2110-0A..5-8K†	2305.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	2535.-				
10 kvar NEW	–	3TS2200-0A..5-8K†	2750.-	1NO+1NC	3TS2211-0A..5-8K	3155.-	
12.5 kvar	–	3TS1200-0A..5-8K†	2820.-	1NO+1NC	3TS1211-0A..5-8K	3225.-	1
16 kvar	–	3TS1300-0A..5-8K†	3875.-	1NO+1NC	3TS1311-0A..5-8K	4275.-	1
20 kvar	–	3TS1400-0A..5-8K†	4365.-	1NO+1NC	3TS1411-0A..5-8K	4755.-	1
25 kvar	–	3TS1500-0A..5-8K†	5045.-	1NO+1NC	3TS1511-0A..5-8K	5450.-	1
30 kvar NEW	–	3TS2500-0A..5-8K†	7855.-	1NO+1NC	3TS2511-0A..5-8K	8260.-	1
40 kvar NEW	2 NO + 2 NC	3TS2722-0A..5-8K	13335.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	15610.-				

† Facility to add one contact block of 1NO / 1NC

@ AC 50Hz coil code - Please enter coil codes from table below

Code	For 3TS contactors		
	F0	P0	R0
Coil voltage (V)	110	230	415

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	215.-	10
	1NC	■ 3TX4001-2A	215.-	10

3MT7 Capacitor Duty Contactors **NEW**

Capacitor kVar 440V AC, 3Ph, 50Hz	Built-in aux. contacts	Type	Unit LP ₹	Std. pkg. (nos.)
60kVar	1NO+2NC	3MT70060JA126A..	16590.-	1
80kVar	1NO+2NC	3MT70080JA126A..	20365.-	1
100kVar	1NO+2NC	3MT70100JA126A..	21165.-	1

Please add coil code from adjacent table

Note: For SIRIUS 3RT26 Capacitor Duty Contactors - Please contact Siemens

Refer Page No 41 for Capacitor Duty Contactor Spares

Coil 50/60Hz for 60 kvar contactor					
Coil Code	C2	G2	N2	P2	R2
Voltage	24V AC	110V AC	■ 220V AC	■ 240V AC	415V AC

Coil 50Hz for 80 & 100 kvar contactors				
Coil Code	F0	M0	U0	V0
Voltage	110V AC	■ 220V AC	■ 240V AC	415V AC



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	20590.-
	12 Stage with LCD display	7UG0572-1GT20	22050.-
	12 stage with LED display	7UG0572-1GT21	12610.-

* LP - List Price



Siemens Reyrolle Protection Relays

Relays for every application

Applications

- Feeder Protection
- Motor Protection
- Transformer Protection

Features

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

www.siemens.com/Reyrolle

SIEMENS

Portfolio Overview

Feeder Protection

Non-Directional
Fixed



7SR1002 / 3

Directional
Fixed



7SR1004

Non-Directional
Drawout



7SR11

Directional
Drawout



7SR12

Motor Protection

Non-Directional | Fixed



7SR105

Directional | Drawout



7SR17

Transformer Protection

Directional | Drawout

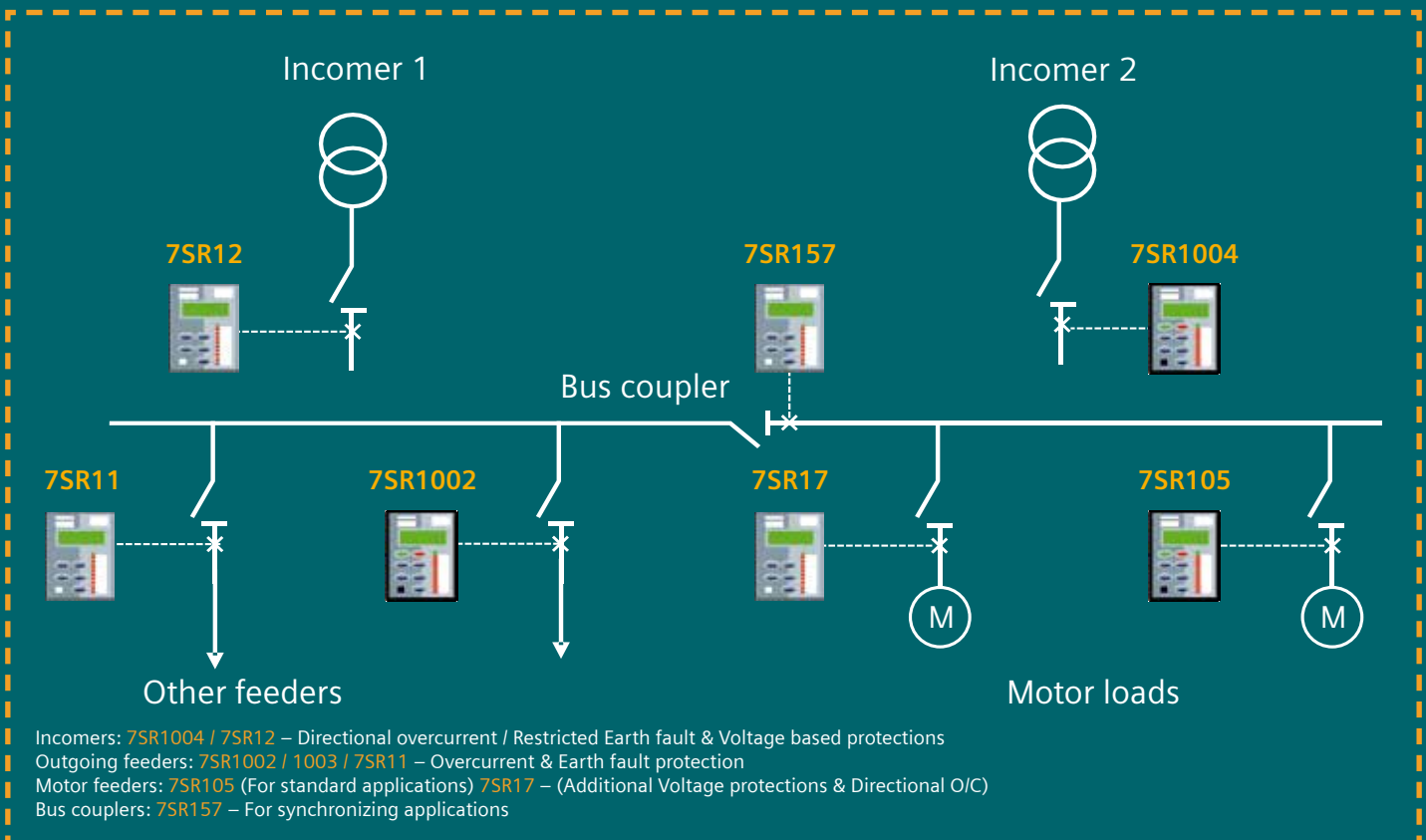


7SR242

Check synchronizing



7SR157



7SR Numerical Relays

	Description	Type *	Unit LP ₹
Feeder Protection	Non Drawout Non Directional overcurrent relay 6 BI 6 BOs Measuring current input: 1/5A Auxiliary voltage: 60 to 240V AC/DC BI Threshold: 44V AC/DC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 46BC, 46NPS, 49, 50, 51, 50G/N, 51G/N, 50/51 SEF, 74T/CCS, 81THD, 86	7SR1003-1LA20-2CA0	71555.-
	Non Drawout Directional overcurrent relay 9 BI 6 BOs Measuring current input: 1/5A with SEF input Auxiliary voltage: 60 to 240V AC/DC BI Threshold: 88V AC/DC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 27/59, 32, 32S, 37, 46BC, 46NPS, 47NPS, 49, 50BF, 51V, 55, 59N, 60CTS, 60VTS, 64H, 67/50, 50SEF, 51G/N, 51SEF, 74T/CCS, 81U/O	7SR1004-4KA20-2CA0	123980.-
	Drawout Non Directional overcurrent relay 6 BI 8 BOs Measuring current input: 1/5A Auxiliary voltage: 100 to 230V AC/24 -250VDC BI Threshold: 19VDC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 46BC, 46NPS, 49, 50, 50AFD, 50BF, 51, 50G/N, 51G/N, 64H, 74T/CCS, 86	7SR1103-1MA12-1CA0	120810.-
	Drawout Directional overcurrent relay 6 BI 8 BOs Measuring current input: 1/5A with SEF input Auxiliary voltage: 100 to 230V AC/24 -250VDC BI Threshold: 19VDC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 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	134755.-
Motor Protection	Non Drawout Motor Protection Relay 6 BI 6 BOs Measuring current input: 1/5A Auxiliary voltage: 60 to 240V AC/DC BI Threshold: 44V AC/DC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50/51, 50G/N, 51G/N, 50BCL, 50BF, 74T/CCS, 81B	7SR1053-2LA21-2EA0	103865.-
	Drawout Motor Protection Relay 3 BI 5 BOs Measuring current input: 1/5A with SEF input Auxiliary voltage: 100 to 230V AC/24 -250VDC BI Threshold: 19VDC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50, 51, 50G/N, 51G/N, 50BF, 50BCL, 60CTS, 74T/CCS, 81B	7SR1702-3MA12-1CA0	145730.-
	Drawout Motor Protection Relay 6 BI 8 BOs 4CT 3VT Measuring current input: 1/5A with SEF input Auxiliary voltage: 100 to 230V AC/24 -250VDC BI Threshold: 19VDC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 14, 37, 46, 46PhRev, 48/66, 49, 50, 51, 50G/N, 51G/N, 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	170990.-
Transformer Protection	Drawout Transformer Protection Relay 9 BI 6 BOs 8CT 1VT Measuring current input: 1/5A Auxiliary voltage: 100 to 230V AC/24 -250VDC BI Threshold: 19VDC Communication: Front USB, RS485 supporting IEC 60870-5-103 /Modbus RTU/DNP 3.0 Protection Functions: 81HBL2, 81HBL5, 87BD, 87HS, 49, 50, 51, 50G/N, 51G/N, 50BF, 64H, 74TCS/CCS, 37/37G, 46BC, 46NPS	7SR2422-2MA12-0BA0	356850.-

* For more options on control voltage, BI/BOs, Communication protocols or protection functions please consult nearest Siemens 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	9185.-
	Auxiliary relay Single Element with self reset contacts with flag, 220V DC, 3NO+2CO, Low burden	7PJ1111-7DA20-0AA0	9185.-
	Auxiliary relay Single Element with self reset contacts without flag, 110V DC, 3NO+2CO, Low burden	7PJ1114-6DA20-0AA0	9185.-
	Auxiliary relay Single Element with self reset contacts without flag, 220V DC, 3NO+2CO, Low burden	7PJ1114-7DA20-0AA0	9185.-
	Auxiliary relay Three Element, hand reset with flag, 110V DC, 2NO, Low burden	7PJ1132-6CA00-0AA0	18450.-
	Auxiliary relay Three Element, hand reset with flag, 220V DC, 2NO, Low burden	7PJ1132-7CA00-0AA0	18450.-
Trip Relays	Trip relay with hand reset contacts with flag, DC 110V, 4NO+1NC, high burden	7PJ1212-6EB01-0AA0	9185.-
	Trip relay with hand reset contacts with flag, DC 220V, 4NO+1NC, high burden	7PJ1212-7EB01-0AA0	9185.-
	TCS relay, 2CO, SR, Aux 24-240VAC/DC, BI 24-240VDC	7PJ1321-5AA21-0AA0	16850.-

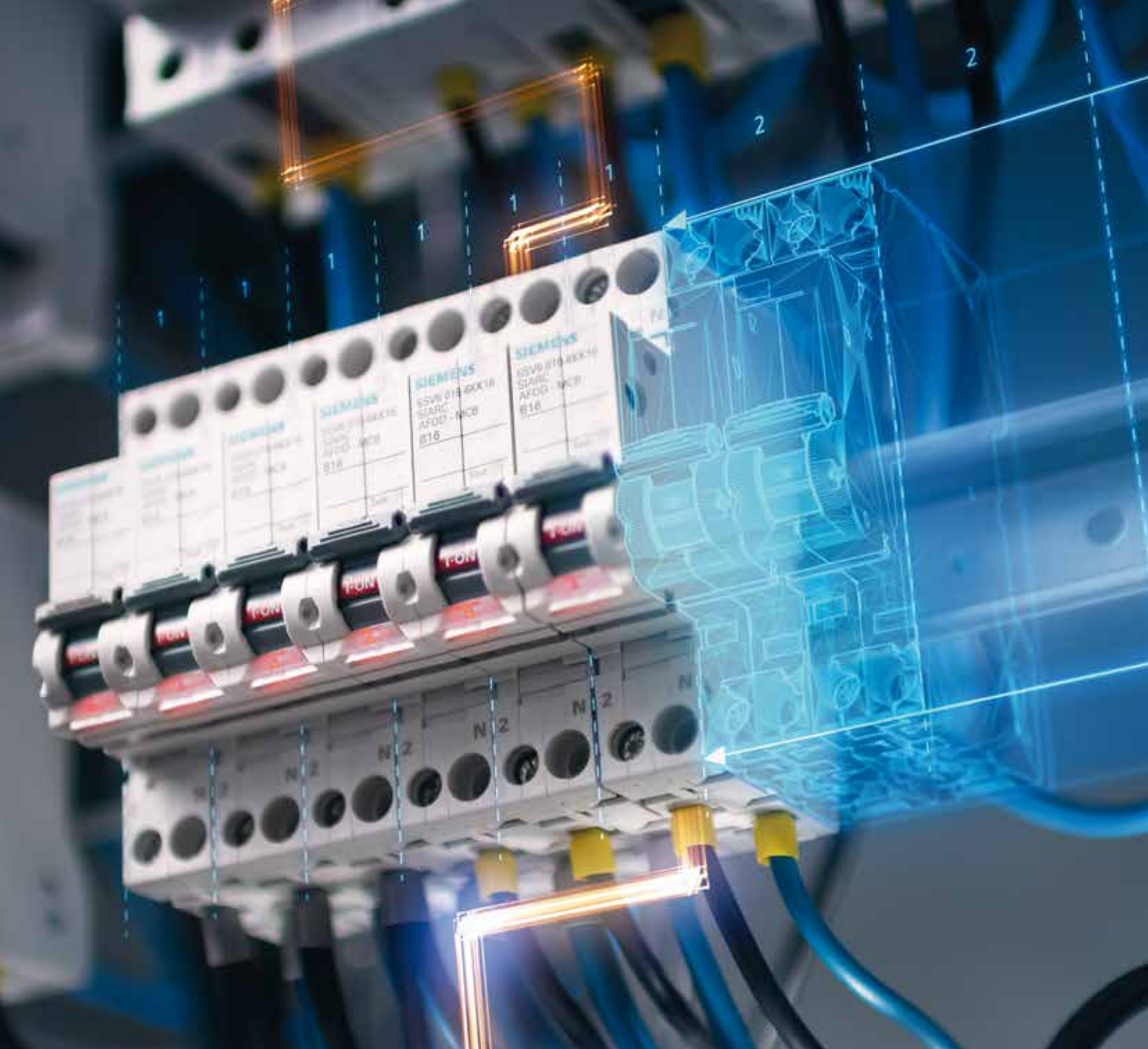
7XJ Arc Protection systems



For more information on Siemens Numerical Relays



* LP - List Price Std Pkg = 1unit



Reliable protection by preventing electrical fires

With Arc Fault Detection Device

With the 5SV6 Arc Fault Detection Device (AFDD), Siemens presents the third generation of fire-prevention product. The 5SV6 Arc Fault Detection Device with integrated miniature circuit breaker (MCB) and residual current breaker operator (RCBO) is the first device on the IEC market with just one module width and is the smallest of its kind worldwide.





A standard-compliant expansion of the electrical installation by protection against electrical fires is thus always possible – easily and without the need for additional space.

www.siemens.com/afd-units

Betagard Miniature Circuit Breakers Type 5SL6 and 5SL4



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

	I _n A	MW#	7500A		10000A	Std. Pkg. (Nos.)
			Characteristic B	Characteristic C		
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. Kindly contact nearest sales office

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

Miniature Circuit Breakers

Betagard Circuit Breakers

NEW

5SL7 Miniature circuit breaker

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



5SL5 Circuit Breakers

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

	Rated current I _n (A)	MW#				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

Circuit Breakers



| Geared to act *FAST!*

Siemens range of fuses

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

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

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

HRC fuses (DIN) 3NA

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



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

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	425.-	1/6
	4	3NA78040RC	425.-	1/6
	6	3NA78010RC	425.-	1/6
	10	3NA78030RC	425.-	1/6
	16	3NA78050RC	430.-	1/6
	20	3NA78070RC	430.-	1/6
	25	3NA78100RC	430.-	1/6
	32	3NA78120RC	430.-	1/6
	40	3NA78170RC	455.-	1/6
	50	3NA78200RC	455.-	1/6
	63	3NA78220RC	505.-	1/6
	80	3NA78240RC	550.-	1/6
	100	3NA78300RC	550.-	1/6
	00	125	3NA78320RC	665.-
160		3NA78360RC	700.-	1/6
50		3NA71200RC	940.-	1/3
1	63	3NA71220RC	940.-	1/3
	80	3NA71240RC	940.-	1/3
	100	3NA71300RC	940.-	1/3
	125	3NA71320RC	980.-	1/3
	160	3NA71360RC	1015.-	1/3
	200	3NA71400RC	1015.-	1/3
2	224	3NA71420RC	1050.-	1/3
	250	3NA71440RC	1135.-	1/3
	200	3NA72400RC	1400.-	1/3
	250	3NA72440RC	1455.-	1/3
	315	3NA72520RC	1505.-	1/3
3	400*	3NA72600RC	1505.-	1/3
	315	3NA33520RC	2140.-	1/3
	400	3NA33600RC	2140.-	1/3
	500	3NA33650RC	2395.-	1/3
	630	3NA33720RC	2450.-	1/3
	800*	3NA33754RC	2980.-	1/3

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

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

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00	40	3NA78176RC	620.-	1/6
	50	3NA78206RC	620.-	1/6
	63	3NA78226RC	665.-	1/6
	80	3NA78246RC	700.-	1/6
1	100	3NA78306RC	700.-	1/6
	125	3NA71326RC	1210.-	1/3
	160	3NA71366RC	1255.-	1/3
2	200	3NA71406RC	1255.-	1/3
	250	3NA72446RC	1660.-	1/3
3	315	3NA72526RC	1780.-	1/3
	400	3NA33606RC	2660.-	1/3
	425	3NA33626RC	2660.-	1/3
	500	3NA33656RC	2840.-	1/3

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	455.-	1
1	250	■ 3NG1250	685.-	1
2	400	■ 3NG1300	1120.-	1
3	630	■ 3NG1400	1160.-	1



Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-ORC (Screw-in)	555.-	1/10
00/000	160	3NA7 8	■ 3NH3032-ORC (Plug in)	590.-	1/10
1	250	3NA7 1	■ 3NH3230-ORC	1115.-	1/5
2	400	3NA7 2	■ 3NH3330-ORC	1575.-	1/5
3	630	3NA3 3	■ 3NH3430-ORC	2270.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	2685.-	1/5



Fuse puller

Description	Type	Unit MRP [®] ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	2720.-	1
Suitable only for fuse links and isolating links	3NX1010	1135.-	1



LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	600.-	1/10
00/000	3NX3116	375.-	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	Price on request	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	Price on request
	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, contact Siemens Sales Office for further details

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



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

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

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

Communication Capable Fuse Link offers:

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

With Siemens fuses - protection is Easy, Safe and Reliable

www.siemens.com/fuses

SIEMENS

HRC fuses (BS) 3NW

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



Blade tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWN52	120.-	20
4	■ 3NWN54	120.-	20
6	■ 3NWN56	120.-	20
10	■ 3NWN510	120.-	20
16	■ 3NWN516	120.-	20
20	■ 3NWN520	140.-	20
25	■ 3NWN525	140.-	20
32	■ 3NWN532	140.-	20

Offset tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	170.-	20
4	3NWTIA4	170.-	20
6	3NWTIA6	170.-	20
10	■ 3NWTIA10	180.-	20
16	■ 3NWTIA16	180.-	20
20	■ 3NWTIA20	180.-	20
25	■ 3NWTIA25	180.-	20
32	■ 3NWTIA32	180.-	20
40	3NWTIS40	260.-	20
50	■ 3NWTIS50	260.-	20
63	■ 3NWTIS63	260.-	20
80	3NWTCP80	675.-	10
100	■ 3NWTCP100	675.-	10
125	3NWTFP125	1260.-	5
160	3NWTFP160	1260.-	5
200	3NWTFP200	1260.-	5

Central tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	720.-	10
100	3NWT100	720.-	10
125	3NWT125	1380.-	5
160	3NWT160	1380.-	5
200	3NWT200	1380.-	5
250	3NWT250	1900.-	1
315	3NWT315	1900.-	1
355	3NWT355	2215.-	1
400	3NWT400	2215.-	1
500	3NWT500	3485.-	1
630	3NWT630	4605.-	1
710	3NWT710	5260.-	1
800	3NWT800	5260.-	1

Offset tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	140.-	20
10	3NWTSA10	140.-	20
16	3NWTSA16	140.-	20
20	3NWTSA20	140.-	20
25	3NWTSA25	140.-	20
32	3NWTSA32	140.-	20
36	3NWTSS36	285.-	20
40	3NWTSS40	285.-	20
50	3NWTSS50	285.-	20
63	3NWTSS63	285.-	20
80	3NWTSDS80	490.-	20
100	3NWTSDS100	490.-	20
125	3NWTFF125	670.-	5
160	3NWTFF160	670.-	5
200	3NWTFF200	670.-	5

Central tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	590.-	10
100	3NWTSDC100	590.-	10
125	3NWTSF125	675.-	5
160	3NWTSF160	675.-	5
200	3NWTSF200	675.-	5
250	3NWTSK250	1490.-	1
315	3NWTSK315	1490.-	1
355	3NWTSM355	2485.-	1
400	3NWTSM400	2485.-	1
450	3NWTST450	2160.-	1
500	3NWTST500	2160.-	1
560	3NWTSL560	3945.-	1
630	3NWTSL630	3490.-	1
800	3NWTSL800	4820.-	1

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

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWC32F9	2390.-	10
63	3NWC63F9	2810.-	10
100	3NWC100F9	3095.-	10

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

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NSF	255.-	10
32	■ 3NW32NSF	320.-	10
32A (Iso. Link)	■ 3NW32NSL	140.-	10

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact 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	1	2730.-	1
	40	3NE4102	gR	1	2740.-	1
	50	3NE4117	gR	1	2880.-	1
	80	3NE4120	aR	1	3110.-	1
	100	3NE4121	aR	1	3410.-	1
	125	3NE4122	aR	1	3660.-	1
	160	3NE4124	aR	1	4030.-	1



3NE9 type 600 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
850	3NE94406	gR	-	32050.-	3
1250	3NE9450	aR	-	30205.-	3

Rated voltage V	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
800	250	3NE43276	aR	-	7255.-	1
	315	3NE43306	aR	-	7490.-	1
	450	3NE43336	aR	-	7830.-	1
	500	3NE43346	aR	-	7895.-	1
	710	3NE43376	aR	-	8830.-	1



3NE1 type¹⁾ 690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	6540.-	3
20	3NE18140	gS	000	6540.-	3
25	3NE18150	gS	000	6540.-	3
35	3NE18030	gS	000	6540.-	3
40	3NE18020	gS	000	6540.-	3
50	3NE18170	gS	000	6540.-	3
63	3NE18180	gS	000	6540.-	3
80	3NE18200	gS	000	6540.-	3
100	3NE10210	gS	00	8590.-	3
125	3NE10220	gS	00	8590.-	3
160	3NE12240	gS	1	20830.-	3
200	3NE12250	gS	1	20830.-	3
250	3NE12270	gS	1	21875.-	3
315	3NE12300	gS	1	23455.-	3
350	3NE13310	gS	2	29125.-	3
400	3NE13320	gS	2	29380.-	3
450	3NE13330	gS	2	29560.-	3
500	3NE13340	gS	2	30005.-	3
560	3NE14350	gS	3	30170.-	3
630	3NE14360	gS	3	31475.-	3
710	3NE14370	gS	3	32735.-	3
800	3NE14380	gS	3	38350.-	3



3NE8 type¹⁾ 690 V AC

NEW

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	5550.-	3
35	3NE80031	gR	00	5550.-	3
50	3NE80171	gR	00	5550.-	3
63	3NE80181	gR	00	5550.-	3
80	3NE80201	aR	00	6160.-	3
100	3NE80211	aR	00	6445.-	3
125	3NE80221	aR	00	6540.-	3
160	3NE80241	aR	00	7180.-	3
200	3NE12252	gR	1	18950.-	3
250	3NE12272	gR	1	19595.-	3
315	3NE12302	gR	1	20270.-	3
350	3NE13312	gR	2	26825.-	3
400	3NE13322	gR	2	34450.-	3
450	3NE13332	gR	2	28825.-	3
500	3NE13342	gR	2	29960.-	3
560	3NE14352	gR	3	37225.-	3
630	3NE14362	gR	3	38620.-	3
670	3NE14472	gR	3	39470.-	3
710	3NE14372	gR	3	41155.-	3
800	3NE14382	gR	3	44230.-	3
850	3NE14482	gR	3	48145.-	3



3NE8 type 690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	Price on request	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 our nearest sales office.

¹⁾ Suitable for mounting on fuse base / 3KL8 / 3NP1

** Purchase MOQ for our authorised dealers is in multiples of standard packing, contact 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	15515.-	3
125	3NE3222	aR	1	15960.-	3
160	3NE3224	aR	1	15960.-	3
200	3NE3225	aR	1	16835.-	3
250	3NE3227	aR	1	17280.-	3
315	3NE32300B	aR	1	17990.-	3
350	3NE3231	aR	1	21360.-	3
400	3NE32320B	aR	1	22880.-	3
450	3NE3233	aR	1	23695.-	3
400	3NE33320B	aR	2	23100.-	3
450	3NE3333	aR	2	24325.-	3
500	3NE33340B	aR	2	24785.-	3
560	3NE3335	aR	2	25715.-	3
630	3NE3336	aR	2	26940.-	3
710*	3NE33378	aR	2	38500.-	3
800*	3NE33388	aR	2	39565.-	3
900*	3NE33408	aR	2	47130.-	3

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
630	3NC33361U	aR	3	Price on request	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	30390.-	3
200	3NC84253C	gR	3	21200.-	3
250	3NC84273C	gR	3	24245.-	3
350	3NC84313C	gR	3	24995.-	3
500	3NC84343C	gR	3	27010.-	3
1000*	3NC84443C	aR	3	49085.-	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	45552.-	2
224	3NE54260C	aR	3	49835.-	2
250	3NE56270C	aR	3	46230.-	3
315	3NE54300C	aR	3	47605.-	2
350	3NE54310C	aR	3	44510.-	2
450	3NE56330C	aR	3	50140.-	3
600	3NE56430C	aR	3	52590.-	3



3NE7 type
2000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
200	3NE74250U	aR	3	Price on request	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	Price on request	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	Price on request	1/3		
	170	3NE53, 3NE56	630	1800	M10			3NH5473	1/3

Utilization category as per VDE 0636/IEC 60269

Semiconductor aR, gR, gS

Cable & Conductor gG

Motor aM

1st letter

a = Partial range of protection (accompanied fuses)

g = Complete range protection (general purpose fuses)

2nd letter

G(-L) = Cable & conductor protection (general purpose fuses)

M = Motor protection

R, S = Semiconductor protection

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

* LP - List Price

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	515.-	1/10		
1A			3NW60111	515.-	1/10		
2A			3NW60021	515.-	1/10		
4A			3NW60041	515.-	1/10		
6A			3NW60011	515.-	1/10		
8A			3NW60081	515.-	1/10		
10A			3NW60031	515.-	1/10		
12A			3NW60061	515.-	1/10		
16A			3NW60051	515.-	1/20		
20A			3NW60071	515.-	1/20		
25A			3NW60101	515.-	1/20		
32A			3NW60121	515.-	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	575.-	1/10		
6A			3NW61011	575.-	1/10		
8A			3NW61081	575.-	1/10		
10A			3NW61031	575.-	1/10		
12A			3NW61061	575.-	1/10		
16A			3NW61051	575.-	1/10		
20A			3NW61071	575.-	1/10		
25A			3NW61101	575.-	1/10		
32A			3NW61121	675.-	1/10		
40A			3NW61171	675.-	1/10		
50A			3NW61201	675.-	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	990.-	1/10	
20A			3NW62071	990.-	1/10	
25A			3NW62101	990.-	1/10	
32A			3NW62121	990.-	1/10	
40A			3NW62171	1090.-	1/10	
50A			3NW62201	1090.-	1/10	
63A			3NW62221	1090.-	1/10	
80A			3NW62241	1090.-	1/10	
100A			3NW62301	1210.-	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	915.-	1/1
	14 x 51	50A	1.5	3NW7111	2910.-	1/1
	22 x 58	100A	2	3NW7211	4755.-	1/1
1+N	10 x 38	32A	1	3NW7053	1875.-	1/1
	14 x 51	50A	3	3NW7151	6020.-	1/1
	22 x 58	100A	4	3NW7251	9750.-	1/1
2P	10 x 38	32A	2	3NW7023	1835.-	1/1
	14 x 51	50A	3	3NW7121	5800.-	1/1
	22 x 58	100A	4	3NW7221	8215.-	1/1
3P	10 x 38	32A	3	3NW7033	2760.-	1/1
	14 x 51	50A	4.5	3NW7131	8690.-	1/1
	22 x 58	100A	6	3NW7231	12245.-	1/1

* LP - List Price

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

Fuse Systems Available

1. Fuses for Photovoltaic application (DC 1000V / 1500V)
 2. NEOZED Fuses & Busbar system up to 100A
 3. Diazed fuse systems up to 63A
 3. Class CC UL fuse links up to 30A
- For more details please contact your nearest 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 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 consult Siemens.)
- Magnetic setting of Circuit breaker to be done as per starting current of Motor
- For charts with 3VM MCCB for ratings below 75kW, please consult Siemens.
- **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	350	50kA	3VM1440-5MH32-0AA0	400	3RT1075	400	3RU2176-5HB10-8K	280 - 400
250	430	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	131	75.6	50kA	3VM1216-5MH32-0AA0	160	3RT1055	150	3RT2038	80	3RU2146-4LB0	70 - 90
90	156	90.1	50kA	3VM1220-5MH32-0AA0	200	3RT1056	185	3RT2038	80	3RU2146-4MB0	80 - 100
110	189	109	50kA	3VM1325-5MH32-0AA0	250	3RT1064	225	3RT1054	115	3RU2156-5CB10-8K	90 - 125
132	227	131.1	50kA	3VM1325-5MH32-0AA0	250	3RT1065	265	3RT1054	115	3RU2156-5DB10-8K	110 - 160
160	271	156.5	50kA	3VM1332-5MH32-0AA0	320	3RT1066	300	3RT1054	115	3RU2156-5EB10-8K	140 - 200
200	339	195.7	50kA	3VM1440-5MH32-0AA0	400	3RT1076	500	3RT1056	185	3RU2166-5FB10-8K	180 - 250
250	398	229.8	50kA	3VM1450-5MH32-0AA0	500	3RT1076	500	3RT1065	265	3RU2166-5GB10-8K	220 - 320

Note: For ratings below 75kW, with SCPD 3RV MPCB, please refer to LV SGR - Motor Control Products Price list page no. 97/98 or consult nearest Siemens Office.

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

Suitable for IE3 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Bi-relay mentioned below.
- In case this combination is changed to accommodate another brand / rating of MCCB / contactor / bi-relay, it shall be the responsibility of the person making such a change to assure the coordination.
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- 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 consult Siemens.
- **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	3VA1180-5MH32-0AA0	80	3RT2047	110	3RU2146-4LB0	70...90
55	95	50kA	3VA1112-5MH32-0AA0	125	3RT1055	150	3RU2156-5CB10-8K	90...125
75	129	50kA	3VA1216-5MH32-0AA0	160	3RT1055	150	3RU2156-5DB10-8K	110-160
90	151	50kA	3VA1220-5MH32-0AA0	200	3RT1056	185	3RU2156-5EB10-8K	140-200
110	186	50kA	3VA1325-5MH32-0AA0	250	3RT1064	225	3RU2156-5EB10-8K	140-200
132	221	50kA	3VA1332-5MH32-0AA0	320	3RT1065	265	3RU2166-5FB10-8K	180-250
160	267	50kA	3VA1440-5MH32-0AA0	400	3RT1066	300	3RU2166-5GB10-8K	220-320
200	332	50kA	3VA1450-5MH32-0AA0	500	3RT1076	500	3RU2176-5HB10-8K	280-400
250	420	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	3RT2038	80	3RT2035	40	3RU2136-4GB0	36...45
45	77	44.5	50kA	3VA1180-5MH32-0AA0	80	3RT2038	80	3RT2035	40	3RU2136-4QB0	47...57
55	95	54.9	50kA	3VA1112-5MH32-0AA0	125	3RT2047	110	3RT2035	40	3RU2136-4KB0	57...75
75	129	74.5	50kA	3VA1216-5MH32-0AA0	160	3RT1055	150	3RT2037	65	3RU2156-5BB10-8K	70-100
90	151	87.2	50kA	3VA1216-5MH32-0AA0	160	3RT1056	185	3RT2037	65	3RU2156-5BB10-8K	70-100
110	186	107.4	50kA	3VA1220-5MH32-0AA0	200	3RT1064	225	3RT1054	115	3RU2156-5CB10-8K	90-125
132	221	127.6	50kA	3VA1325-5MH32-0AA0	250	3RT1065	265	3RT1056	185	3RU2156-5DB10-8K	110-160
160	267	154.2	50kA	3VA1332-5MH32-0AA0	320	3RT1066	300	3RT1056	185	3RU2156-5EB10-8K	140-200
200	332	191.7	50kA	3VA1440-5MH32-0AA0	400	3RT1076	500	3RT1065	265	3RU2166-5FB10-8K	180-250
250	420	242.5	50kA	3VA1450-5MH32-0AA0	500	3RT1076	500	3RT1066	300	3RU2166-5GB10-8K	220-320

Note: For ratings below 37kW, with SCPD 3RV MPCB, please refer to LV SGR - Motor Control Products Price list page no. 97/98 or consult nearest Siemens 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 consult Siemens.)
- The electronic star-delta timer type 3RP should be used in star-delta feeders.
- SDF: Switch Disconnecter Fuse. All fuses are DIN HRC type.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

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

Star-Delta feeder, for Low LCC

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



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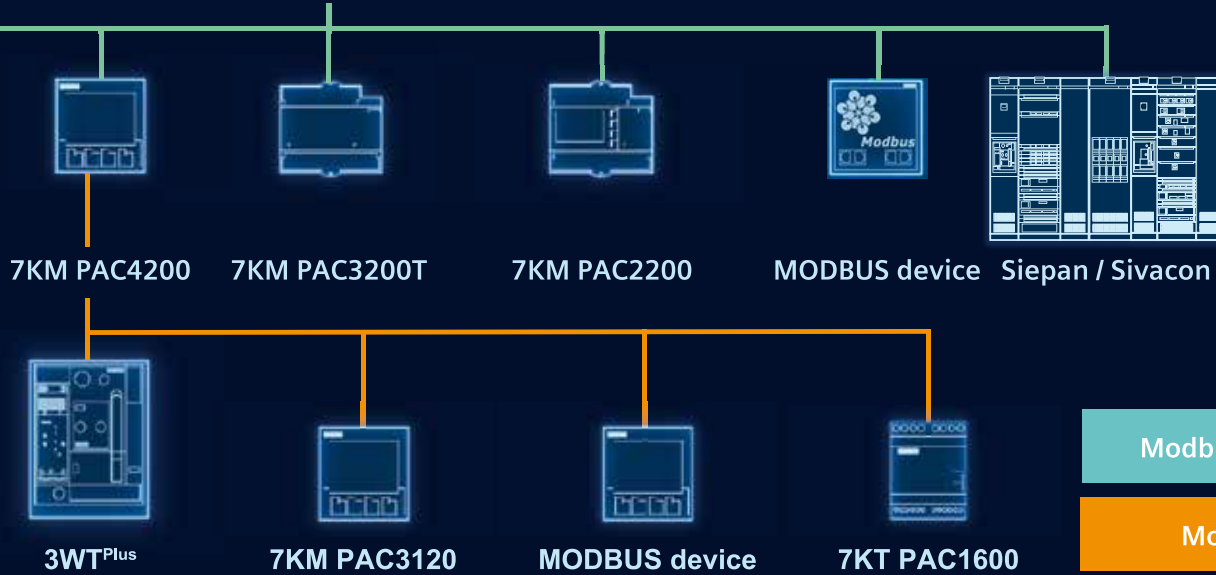
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Superswitch 3KL8

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

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-3TA00	3585.-	3KL8111-3TJ00	3470.-	3KL8111-3TC00	3530.-	1
32A	3KL8121-3TA00	3675.-	3KL8121-3TJ00	3590.-	3KL8121-3TC00	3640.-	1
63A	3KL8151-3TA00	5185.-	3KL8151-3TJ00	5020.-	3KL8151-3TC00	5060.-	1
100A	3KL8211-3TA00	10355.-	3KL8211-3TJ00	10160.-			1
125A	3KL8221-3TA00	13545.-	3KL8221-3TJ00	13365.-			1
160A [§]	3KL8231-3TA00	14780.-	3KL8231-3TJ00	14575.-			1
200A	3KL8311-3UA00	18885.-	3KL8311-3UJ00	18275.-			1
250A	3KL8321-3UA00	22205.-	3KL8321-3UJ00	22600.-			1
315A	3KL8331-3UA00	27450.-	3KL8331-3UJ00	26735.-			1
400A [§]	3KL8341-3UA00	33070.-	3KL8341-3UJ00	33565.-			1
500A	3KL8411-3UA00	51740.-	3KL8411-3UJ00	49760.-			1
630A	3KL8421-3UA00	53155.-	3KL8421-3UJ00	51560.-			1
800A [§]	3KL8431-3UA00	57580.-	3KL8431-3UJ00	55880.-			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	435.-	3KX8230-0AC	625.-	3KX8340-0AC	915.-	3KX8430-0AC	1295.-	1
Terminal Cover (1 set)	-	-	3KX8231-0AC	525.-	3KX8341-0AC	1000.-	3KX8431-0AC	1170.-	1
Isolable Neutral cover	-	-	3KX8232-0AC	265.-	3KX8342-0AC	430.-	3KX8432-0AC	525.-	1
Phase Barrier ^{§§}	3KX8153-0AC	180.-	3KX8233-0AC	180.-	3KX8343-0AC	260.-	3KX8433-0AC	330.-	1

§§ For phase barriers of BS type switches contact 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	395.-	1	480	1	4RB2010-3EJ50-8K	455.-	1	
	1	4RB2010-3EE50-8K	440.-	1		1.5	4RB2015-3EJ50-8K	685.-	1	
	1.2	4RB2012-3EE50-8K	515.-	1		2	4RB2020-3EJ50-8K	900.-	1	
	1.5	4RB2015-3EE50-8K	640.-	1		2.5	4RB2025-3EJ50-8K	1115.-	1	
	2.1	4RB2021-3EE50-8K	910.-	1		4.2	4RB2042-3EJ50-8K	1895.-	1	
	2.5	4RB2025-3EE50-8K	1080.-	1		5	4RB2050-3EJ50-8K	1990.-	1	
	3	4RB2030-3EE50-8K	1300.-	1		5.5	4RB2055-3EJ50-8K	2480.-	1	
	4.2	4RB2042-3EE50-8K	1810.-	1		8.3	4RB2083-3EJ50-8K	3305.-	1	
	5	4RB2050-3EE50-8K	2160.-	1		10.4	4RB2104-3EJ50-8K	4140.-	1	
	6	4RB2060-3EE50-8K	2280.-	1		11.1	4RB2111-3EJ50-8K	3840.-	1	
	7	4RB2070-3EE50-8K	2665.-	1		12.5	4RB2125-3EJ50-8K	4330.-	1	
	7.5	4RB2075-3EE50-8K	2855.-	1		13.8	4RB2138-3EJ50-8K	4775.-	1	
	8.3	4RB2083-3EE50-8K	3160.-	1		15	4RB2150-3EJ50-8K	5190.-	1	
	9	4RB2090-3EE50-8K	3425.-	1		16.7	4RB2167-3EJ50-8K	5770.-	1	
	10	4RB2100-3EE50-8K	3810.-	1		20.8	4RB2208-3EJ50-8K	7200.-	1	
	12.5	4RB2125-3EE50-8K	4110.-	1		25	4RB2250-3EJ50-8K	8645.-	1	
	15	4RB2150-3EE50-8K	4930.-	1		27.7	4RB2277-3EJ50-8K	9580.-	1	
	16.7	4RB2167-3EE50-8K	5485.-	1		30	4RB2300-3EJ50-8K	10380.-	1	
	20	4RB2200-3EE50-8K	6565.-	1						
	20.8	4RB2208-3EE50-8K	6835.-	1						
25	4RB2250-3EE50-8K	8220.-	1							
28	4RB2280-3EE50-8K	9205.-	1							
30	4RB2300-3EE50-8K	9865.-	1							

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

* LP - List Price

* MRP - Maximum Retail Price

Discontinued products

3KC Automatic Transfer Controller

Description	Type
ATC 5300	3KC9000-8TL30

Control switches 3ST

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

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

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

Switch disconnecter: 3KA8[^] (in open execution TPN)

Rated current I _e @690V 50Hz	SDF suitable for DIN type HRC fuses
63A	3KA81513TE00
100A	3KA82113TE00
125A	3KA82213TE00
160A	3KA82313TE00
200A	3KA83113UE00
250A	3KA83213UE00
400A	3KA83413UE00
630A	3KA83513UE00
800A	3KA843□-3UE00
1000A@	3KA844□-3UE00
1250A@	3KA845□-3UE00
1600A@	3KA846□-3UE00

□ - 2: Top Incoming

□ - 3: Bottom Incoming

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

@ Rating AC21 at 500V, 50Hz

7KM PAC3200 power monitoring device

Description	Type
PAC 3200 with integrated ethernet port for MODBUS TCP Class 0.5s accuracy, screw terminals With AC/DC wide voltage power supply 95...240V AC ±10%, 50/60Hz, 110...340V DC ±10%	7KM2112-0BA00-3AA0

7KM PAC 3100 power monitoring device

Description	Type
PAC 3100 with integrated RS 485 port for MODBUS RTU Class 1 accuracy, screw terminals AC/DC wide voltage power supply 110...240V AC ±10%, 50/60Hz, 110...250V DC ±10%	7KM3133-0BA00-3AA0

Motor control switches 3LA0

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

Moulded Case Circuit Breaker: 3VT1

Description	Type
3VT1 MCCBs	3VT17....
3VT91 Accessories	3VT91....

Discontinued products

MCCB: SENTRON 3VL

- Upto 16A to 1600A
- 3 pole & 4 pole versions
- Thermal magnetic and Microprocessor based trip unit



3VL MCCB, Thermal-magnetic trip unit (fixed overload and fixed short circuit), Icu = 55kA, 415V AC, 50 Hz

Frame size	Rated current I_n (A)	3 pole	4 pole
		Type	Type
VL160X VL160X = 3VL1	16	3VL1796-1DA36-0AA0	3VL1796-1EH46-0AA0
	20	3VL1702-1DA36-0AA0	3VL1702-1EH46-0AA0
	32	3VL1703-1DA36-0AA0	3VL1703-1EH46-0AA0
	63	3VL1706-1DA36-0AA0	3VL1706-1EH46-0AA0
	100	3VL1710-1DA36-0AA0	3VL1710-1EH46-0AA0
	125	3VL1712-1DA36-0AA0	3VL1712-1EH46-0AA0
	160	3VL1716-1DA36-0AA0	3VL1716-1EH46-0AA0

3VL MCCB, Thermal-magnetic trip unit (adjustable overload and short circuit), Icu = 55kA, 415V AC, 50 Hz

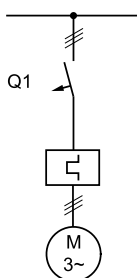
Frame size	Rated current I_n (A)	3 pole	4 pole
		Type	Type
VL160X / VL160 VL160X = 3VL1 VL160 = 3VL2	20	3VL1702-1DD36-0AA0	3VL1702-1EA46-0AA0#
	32	3VL1703-1DD36-0AA0	3VL1703-1EA46-0AA0#
	63	3VL1706-1DD36-0AA0	3VL2706-1EM46-0AA0
	100	3VL1710-1DD36-0AA0	3VL2710-1EM46-0AA0
	125	3VL1712-1DD36-0AA0	3VL2712-1EM46-0AA0
	160	3VL1716-1DD36-0AA0	3VL2716-1EM46-0AA0
VL 250	200	3VL3720-1DC36-0AA0	3VL3720-1EM46-0AA0
	250	3VL3725-1DC36-0AA0	3VL3725-1EM46-0AA0
VL 400	315	3VL4731-1DC36-0AA0	3VL4731-1EM46-0AA0
	400	3VL4740-1DC36-0AA0	3VL4740-1EM46-0AA0
VL 630	500	3VL5750-1DC36-0AA0	3VL5750-1EM46-0AA0
	630	3VL5763-1DC36-0AA0	3VL5763-1EM46-0AA0

3VL MCCB, Thermal-magnetic trip unit (adjustable overload and short circuit), Icu = 70kA, 415V AC, 50 Hz

Frame size	Rated current I_n (A)	3 pole	4 pole
		Type	Type
VL160X / VL160 VL160X = 3VL1 VL160 = 3VL2	20	3VL1702-2DD36-0AA0	3VL1702-2EA46-0AA0#
	32	3VL1703-2DD36-0AA0	3VL1703-2EA46-0AA0#
	63	3VL1706-2DD36-0AA0	3VL2706-2EM46-0AA0
	100	3VL1710-2DD36-0AA0	3VL2710-2EM46-0AA0
	125	3VL1712-2DD36-0AA0	3VL2712-2EM46-0AA0
	160	3VL1716-2DD36-0AA0	3VL2716-2EM46-0AA0
VL 250	200	3VL3720-2DC36-0AA0	3VL3720-2EM46-0AA0
	250	3VL3725-2DC36-0AA0	3VL3725-2EM46-0AA0
VL 400	315	3VL4731-2DC36-0AA0	3VL4731-2EM46-0AA0
	400	3VL4740-2DC36-0AA0	3VL4740-2EM46-0AA0
VL 630	500	3VL5750-2DC36-0AA0	3VL5750-2EM46-0AA0
	630	3VL5763-2DC36-0AA0	3VL5763-2EM46-0AA0

3VL MCCB for Motor protection (Magnetic trip unit, 3 Pole)

Frame size	Rated current I_n (A)	standard breaking capacity (55 kA, 415V, 50 Hz)	high breaking capacity (70 kA, 415V, 50 Hz)
		Type	Type
VL160	63 A	3VL2706-1DK36-0AA0	3VL2706-2DK36-0AA0
	100 A	3VL2710-1DK36-0AA0	3VL2710-2DK36-0AA0
	160 A	3VL2716-1DK36-0AA0	3VL2716-2DK36-0AA0
VL250	250 A	3VL3725-1DK36-0AA0	3VL3725-2DK36-0AA0
VL400	315 A	3VL4731-1DK36-0AA0	3VL4731-2DK36-0AA0
VL630	500 A	3VL5750-1DK36-0AA0	3VL5750-2DK36-0AA0



Fixed overload & fixed short circuit with neutral protection
Std. Pkg. = 1 unit * LP - List Price

Discontinued products

3VL MCCB, ETU10, LI, Microprocessor based trip unit, Icu = 55kA, 415V AC, 50Hz

Frame size	Rated current (A)	3 pole	4 pole
		Type	Type
VL 160	63	3VL2706-1SB36-0AA0	3VL2706-1TA46-0AA0
	100	3VL2710-1SB36-0AA0	3VL2710-1TA46-0AA0
	160	3VL2716-1SB36-0AA0	3VL2716-1TA46-0AA0
VL 250	200	3VL3720-1SB36-0AA0	3VL3720-1TA46-0AA0
	250	3VL3725-1SB36-0AA0	3VL3725-1TA46-0AA0
VL 400	315	3VL4731-1SB36-0AA0	3VL4731-1TA46-0AA0
	400	3VL4740-1SB36-0AA0	3VL4740-1TA46-0AA0
VL 630	630	3VL5763-1SB36-0AA0	3VL5763-1TA46-0AA0
VL 800	800	3VL6780-1SB36-0AA0	3VL6780-1TA46-0AA0
VL 1250	1000	3VL7710-1SB36-0AA0	3VL7710-1TA46-0AA0
	1250	3VL7712-1SB36-0AA0	3VL7712-1TA46-0AA0
VL 1600	1600	3VL8716-1SB30-0AA0	3VL8716-1TA40-0AA0

3VL MCCB, ETU10, LI, Microprocessor based trip unit, Icu = 70kA, 415V AC, 50 Hz

Frame size	Rated current (A)	3 pole	4 pole
		Type	Type
VL 160	63	3VL2706-2SB36-0AA0	3VL2706-2TA46-0AA0
	100	3VL2710-2SB36-0AA0	3VL2710-2TA46-0AA0
	160	3VL2716-2SB36-0AA0	3VL2716-2TA46-0AA0
VL 250	200	3VL3720-2SB36-0AA0	3VL3720-2TA46-0AA0
	250	3VL3725-2SB36-0AA0	3VL3725-2TA46-0AA0
VL 400	315	3VL4731-2SB36-0AA0	3VL4731-2TA46-0AA0
	400	3VL4740-2SB36-0AA0	3VL4740-2TA46-0AA0
VL 630	630	3VL5763-2SB36-0AA0	3VL5763-2TA46-0AA0
VL 800	800	3VL6780-2SB36-0AA0	3VL6780-2TA46-0AA0
VL 1250	1000	3VL7710-2SB36-0AA0	3VL7710-2TA46-0AA0
	1250	3VL7712-2SB36-0AA0	3VL7712-2TA46-0AA0
VL 1600	1600	3VL8716-2SB30-0AA0	3VL8716-2TA40-0AA0

3VL MCCB, ETU12, LIG, Microprocessor based trip unit, Icu = 55kA, 415V AC, 50Hz

Frame size	Rated current (A)	3 pole	4 pole
		Type	Type
VL 160	63	3VL2706-1SL36-0AA0	3VL2706-1TN46-0AA0
	100	3VL2710-1SL36-0AA0	3VL2710-1TN46-0AA0
	160	3VL2716-1SL36-0AA0	3VL2716-1TN46-0AA0
VL 250	200	3VL3720-1SL36-0AA0	3VL3720-1TN46-0AA0
	250	3VL3725-1SL36-0AA0	3VL3725-1TN46-0AA0
VL 400	315	3VL4731-1SL36-0AA0	3VL4731-1TN46-0AA0
	400	3VL4740-1SL36-0AA0	3VL4740-1TN46-0AA0
VL 630	630	3VL5763-1SL36-0AA0	3VL5763-1TN46-0AA0
VL 800	800	3VL6780-1SL36-0AA0	3VL6780-1TN46-0AA0
VL 1250	1000	3VL7710-1SL36-0AA0	3VL7710-1TN46-0AA0
	1250	3VL7712-1SL36-0AA0	3VL7712-1TN46-0AA0
VL 1600	1600	3VL8716-1SL30-0AA0	3VL8716-1TN40-0AA0

3VL MCCB, ETU12, LIG Microprocessor based trip unit, Icu = 70kA, 415V AC, 50Hz

Frame size	Rated current (A)	3 pole	4 pole
		Type	Type
VL 160	63	3VL2706-2SL36-0AA0	3VL2706-2TN46-0AA0
	100	3VL2710-2SL36-0AA0	3VL2710-2TN46-0AA0
	160	3VL2716-2SL36-0AA0	3VL2716-2TN46-0AA0
VL 250	200	3VL3720-2SL36-0AA0	3VL3720-2TN46-0AA0
	250	3VL3725-2SL36-0AA0	3VL3725-2TN46-0AA0
VL 400	315	3VL4731-2SL36-0AA0	3VL4731-2TN46-0AA0
	400	3VL4740-2SL36-0AA0	3VL4740-2TN46-0AA0
VL 630	630	3VL5763-2SL36-0AA0	3VL5763-2TN46-0AA0
VL 800	800	3VL6780-2SL36-0AA0	3VL6780-2TN46-0AA0
VL 1250	1000	3VL7710-2SL36-0AA0	3VL7710-2TN46-0AA0
	1250	3VL7712-2SL36-0AA0	3VL7712-2TN46-0AA0
VL 1600	1600	3VL8716-2SL30-0AA0	3VL8716-2TN40-0AA0

L: Overload protection
Std. Pkg. = 1 unit

I: Short circuit protection
* LP - List Price

G: Ground fault protection

Discontinued products

3VL MCCB, Magnetic trip unit (for short circuit protection), Icu = 55kA, 415V AC, 50Hz

Frame size	Rated current I _n (A)	3 pole	4 pole
		Type	Type
VL400	400	3VL4740-1DE36-0AA0	3VL4740-1EE46-0AA0
VL630	630	3VL5763-1DE36-0AA0	3VL5763-1EE46-0AA0
VL800	800	3VL6780-1DE36-0AA0	3VL6780-1EE46-0AA0
VL1250	1250	3VL7712-1DE36-0AA0	3VL7712-1EE46-0AA0
VL1600	1600	3VL8716-1DE30-0AA0	3VL8716-1EE40-0AA0

3VL MCCB, Magnetic trip unit (for short circuit protection), Icu = 70kA, 415V AC, 50Hz

Frame size	Rated current I _n (A)	3 pole	4 pole
		Type	Type
VL400	400	3VL4740-2DE36-0AA0	3VL4740-2EE46-0AA0
VL630	630	3VL5763-2DE36-0AA0	3VL5763-2EE46-0AA0
VL800	800	3VL6780-2DE36-0AA0	3VL6780-2EE46-0AA0
VL1250	1250	3VL7712-2DE36-0AA0	3VL7712-2EE46-0AA0
VL1600	1600	3VL8716-2DE30-0AA0	3VL8716-2EE40-0AA0

Accessories for 3VL

Frame	VL 160 X / VL 160 / VL 250 / VL 400	VL 630 / VL 800 / VL 1250 / VL 1600
Accessory	Type	Type
Auxiliary switch	3VL9400-2AB00 (1NO + 1NC)	3VL9800-2AC00 (2NO + 2NC)
Auxiliary switch + Alarm switch	3VL9400-2AD00 (1NO + 1NC & 1NO)	3VL9800-2AE00 (1NO + 1NC & 1NO)
Under voltage release 110 V AC 220 - 250 V AC 415 V AC 110 V DC	3VL9400-1UG00 3VL9400-1UH00 3VL9400-1UJ00 3VL9400-1UR00	3VL9800-1UG00 3VL9800-1UH00 3VL9800-1UJ00 3VL9800-1UR00
Shunt release 24 V DC 110 - 127 V DC 110 - 127 V AC 208 - 277 V AC	3VL9400-1SC00 3VL9400-1SK00 3VL9400-1SR00 3VL9400-1ST00	3VL9800-1SC00 3VL9800-1SK00 3VL9800-1SR00 3VL9800-1ST00
Rotary drive kit (including 8UC handle with door interlock defeat & padlocking facility)	3VL9.00-3HQ00 ↓ 1 (For VL 160X) 3 (For VL 160/250) 4 (For VL 400)	3VL9600-3HQ00 (VL630-VL800) 3VL9800-3HF05 (VL1250-VL1600)
Motorised drive (Motorised operator-MO) 230-250V AC/DC	3VL9.00-3ME10 ↓ 1 (For VL160X) 3 (For VL160/250) 4 (For VL 400)	3VL9600-3ME10 (for VL630/800)
Motorised drive (Stored Energy Operator -SEO) 220-250V AC/DC	3VL9.00-3MQ00 ↓ 3 (For VL160X/VL160/VL250) 4 (For VL 400)	3VL9.00-3MQ00 ↓ 6 (For VL630-VL800) 8 (For VL1250-VL1600)
Spreader links (with phase barriers)	3VL9216-4ED30 (VL160X/VL160-3P) 3VL9216-4ED40 (VL160X/VL160-4P) 3VL9300-4ED30 (VL250-3P) 3VL9300-4ED40 (VL250-4P) 3VL9400-4ED30 (VL400-3P) 3VL9400-4ED40 (VL400-4P)	3VL9500-4ED30 (VL630-3P) 3VL9500-4ED40 ⁵⁵ (VL630-4P) 3VL9600-4ED30 (VL800-3P) 3VL9600-4ED40 ⁵⁵ (VL800-4P) NA (for VL1250 / VL1600)

Note: # 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

Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole and 5 nos. links and 3 nos. phase barriers in case of 4 pole, ⁵⁵ - 4 nos. links and 3 nos. phase barriers in case of 4 pole.

NA - Not Available

Std. Pkg. = 1 unit

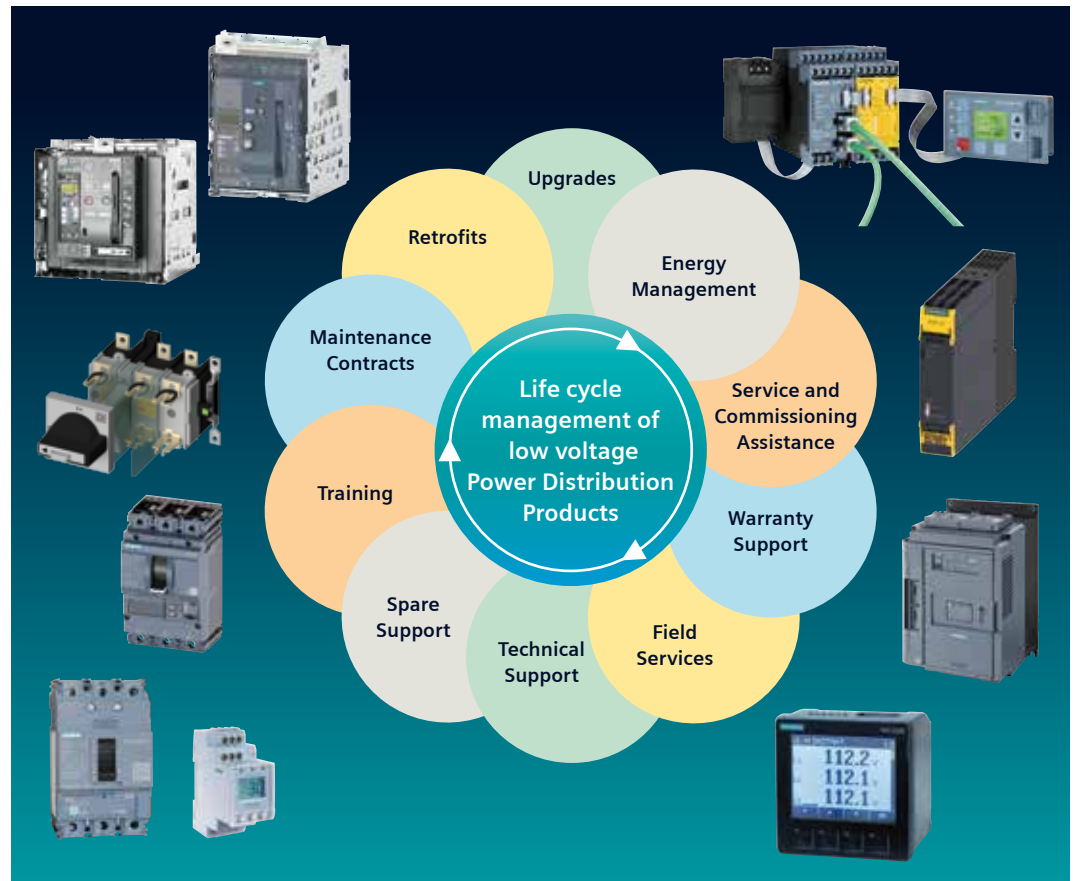
* LP - List Price

One point contact for your service needs

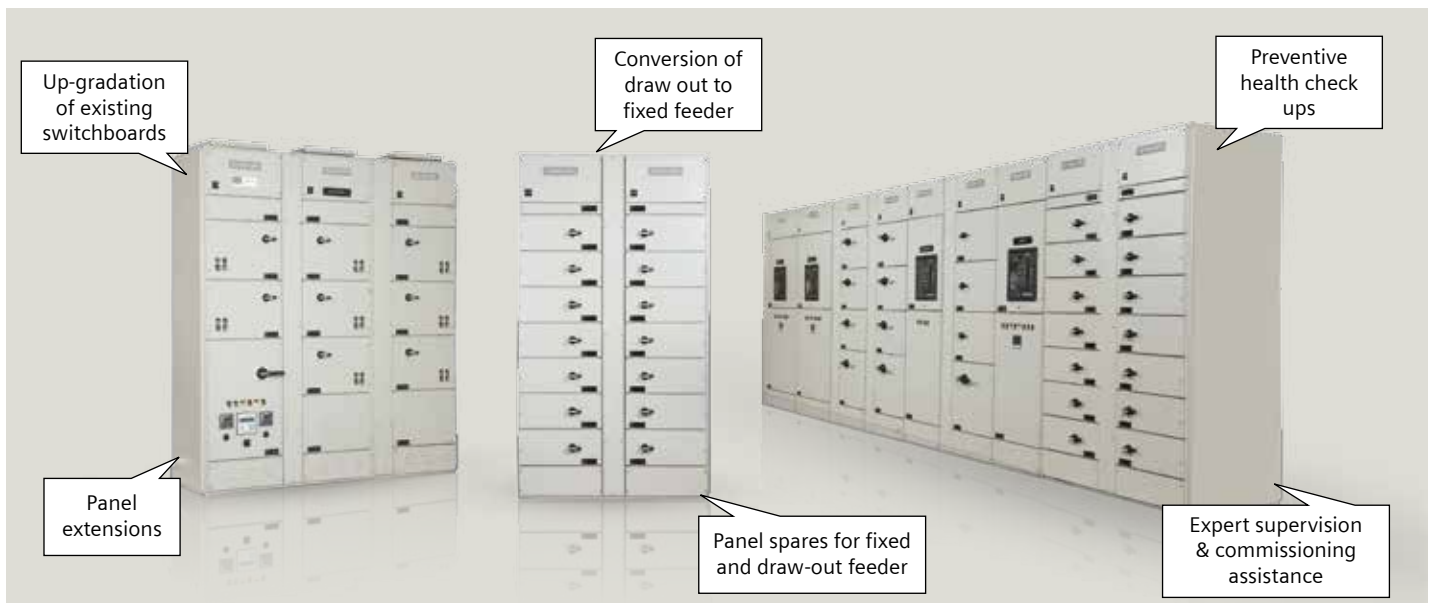
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