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SINOPLUS

Low Voltage Electrical Products

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

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3WJ air circuit breakers



Powering infrastructures across the globe

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



Reliable



Safe



Comprehensive



Efficient



Adaptable



Customizable

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ACB: 3WJ



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

Standard breaking capacity, 440 VAC $I_{cu} = I_{cs} = I_{cw(1s)}$

Microprocessor based trip unit ETU360WJ: LSING¹⁾ + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Withdrawable design with Guide Frame ²⁾			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MDO	3WJ1108-2AF52-1AA0	401065.-	3WJ1108-2AF62-1AA0	529480.-
			EDO	3WJ1108-2AF52-4DA4	516605.-	3WJ1108-2AF62-4DA4	645020.-
		1000	MDO	3WJ1110-2AF52-1AA0	412340.-	3WJ1110-2AF62-1AA0	539155.-
			EDO	3WJ1110-2AF52-4DA4	527880.-	3WJ1110-2AF62-4DA4	654695.-
		1250	MDO	3WJ1112-2AF52-1AA0	460760.-	3WJ1112-2AF62-1AA0	550920.-
			EDO	3WJ1112-2AF52-4DA4	576300.-	3WJ1112-2AF62-4DA4	666460.-
		1600	MDO	3WJ1116-2AF52-1AA0	506020.-	3WJ1116-2AF62-1AA0	615915.-
			EDO	3WJ1116-2AF52-4DA4	621560.-	3WJ1116-2AF62-4DA4	731455.-
II	55kA	2000	MDO	3WJ1220-2AF52-1AA0	705775.-	3WJ1220-2AF62-1AA0	871860.-
			EDO	3WJ1220-2AF52-4DA4	821315.-	3WJ1220-2AF62-4DA4	987400.-
		2500	MDO	3WJ1225-2AF52-1AA0	801395.-	3WJ1225-2AF62-1AA0	1022670.-
			EDO	3WJ1225-2AF52-4DA4	916935.-	3WJ1225-2AF62-4DA4	1138210.-
		3200	MDO	3WJ1232-2AF52-1AA0	1031585.-	3WJ1232-2AF62-1AA0	1268935.-
			EDO	3WJ1232-2AF52-4DA4	1147125.-	3WJ1232-2AF62-4DA4	1384475.-
		4000	MDO	3WJ1240-2AF51-1AA0	1200610.-	3WJ1240-2AF61-1AA0	1524780.-
			EDO	3WJ1240-2AF51-4DA4	1316150.-	3WJ1240-2AF61-4DA4	1640320.-

ETU350WJ: LSI + Display

↑ E Reduce 4370.- ↑ E Reduce 4370.-

Microprocessor based trip unit ETU360WJ: LSING¹⁾ + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Fixed Mounted design ³⁾			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MF	3WJ1108-2AF02-1AA0	297850.-	3WJ1108-2AF12-1AA0	415270.-
			EF	3WJ1108-2AF02-4DA4	413390.-	3WJ1108-2AF12-4DA4	530810.-
		1000	MF	3WJ1110-2AF02-1AA0	303910.-	3WJ1110-2AF12-1AA0	440770.-
			EF	3WJ1110-2AF02-4DA4	419450.-	3WJ1110-2AF12-4DA4	556310.-
		1250	MF	3WJ1112-2AF02-1AA0	378350.-	3WJ1112-2AF12-1AA0	450480.-
			EF	3WJ1112-2AF02-4DA4	493890.-	3WJ1112-2AF12-4DA4	566020.-
		1600	MF	3WJ1116-2AF02-1AA0	394805.-	3WJ1116-2AF12-1AA0	493550.-
			EF	3WJ1116-2AF02-4DA4	510345.-	3WJ1116-2AF12-4DA4	609090.-
II	55kA	2000	MF	3WJ1220-2AF02-1AA0	492095.-	3WJ1220-2AF12-1AA0	712665.-
			EF	3WJ1220-2AF02-4DA4	607635.-	3WJ1220-2AF12-4DA4	828205.-
		2500	MF	3WJ1225-2AF02-1AA0	557365.-	3WJ1225-2AF12-1AA0	839320.-
			EF	3WJ1225-2AF02-4DA4	672905.-	3WJ1225-2AF12-4DA4	954860.-
		3200	MF	3WJ1232-2AF02-1AA0	856330.-	3WJ1232-2AF12-1AA0	1057860.-
			EF	3WJ1232-2AF02-4DA4	971870.-	3WJ1232-2AF12-4DA4	1173400.-
		4000	MF	3WJ1240-2AF01-1AA0	1037620.-	3WJ1240-2AF11-1AA0	1434630.-
			EF	3WJ1240-2AF01-4DA4	1153160.-	3WJ1240-2AF11-4DA4	1550170.-

ETU350WJ: LSI + Display

↑ E Reduce 4370.- ↑ E Reduce 4370.-

For Non-Automatic ACBs please deduct ₹ 5250/- from the LPs of the ACBs. For type nos. of Non-Automatic ACBs please contact your nearest Siemens Sales Office

L: Overload protection S: Delayed Short Circuit protection

I: Short circuit protection

G: Ground fault protection¹⁾

N: Neutral protection¹⁾

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

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

²⁾ Standard accessories included for draw out type ACB (EDO/MDO) = Safety shutter, door sealing frame, trip unit transparent cover, auxiliary contacts 2NO+ 2NC, Neutral CT (F23) in 4P ACB

³⁾ Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, trip unit transparent cover, auxiliary contacts 2NO+2NC, Neutral CT (F23) in 4P ACB

For complete ordering code please contact your nearest Siemens Sales Office

Std. Pkg. = 1 unit

* LP - List Price

Add-on options (Factory fitted)

Description	Unit LP* ₹	
Ready to close signal switch	7230.-	
Trip signal switch (Not applicable for Non-Automatic Circuit Breakers)	7230.-	
Position Signal Switch (3x connected, 2x test, 1x disconnected)	24340.-	
Castell lock mounting kit ¹⁾	8605.-	
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker (Door interlock)	17880.-	
Mutual Mechanical Interlocking (Bowden wire interlocking module with 2m cable)	For Fixed Circuit Breakers	40110.-
	For Withdrawable Circuit Breakers with guide frame	37235.-

¹⁾ Locks to be ordered separately. Refer Page 8

3WJ Accessories & Spares

Auxiliary Releases & Operating mechanism

Description	Type	Unit LP* ₹
Closing coil (CC) / Shunt trip (ST)		
Suitable for continuous duty	DC 24 V	3WJ9111-0AD01 12290.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AD05 12290.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AD06 12290.-
Undervoltage release (UVR)		
with Undervoltage Release (UVR), instantaneous (≤ 80 ms), short delay (≤ 200 ms)	DC 24 V	3WJ9111-0AE01 14190.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE05 14190.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE06 14190.-
	AC 380 ... 415 V	3WJ9111-0AE07 14190.-
with Undervoltage Release (UVR-t), adjustable 0.2 s and 3.2 s	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE15 44465.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE16 44465.-
	AC 380 ... 415 V	3WJ9111-0AE17 40020.-
Operating mechanism		
Spring charging motor to charged the stored energy mechanism	DC 24 V	3WJ9111-0AF01 133350.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AF05 133350.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AF06 133350.-

Accessories for electronic trip unit

Description	Type	Unit LP* ₹
Sealable & lockable covers		
Transparent cover for ETU 350/360 WJ	3WJ9111-0EM21	505.-
Indication / operator control elements		
Ready-to-close signal switch	3WJ9111-0AH01	8180.-
1st trip signal switch	3WJ9111-0AH02	8180.-
5 digit Mechanical Operating cycle counter	3WJ9111-0AH04	23190.-
Position signaling switch for withdrawable circuit breakers	PSS: 6 changeover contacts; 3x connected position, 2x test position, 1x disconnected position	3WJ9111-0AH11 27780.-
Auxiliary Switch	2 NO and 2 NC contacts	S1/S2 3WJ9111-0AG01 6880.-
	3 NO and 1 NC contacts	S3/S4 3WJ9111-0AG02 6880.-
	4 NO Contacts	S3/S4 3WJ9111-0AG03 6880.-
	2 NO and 2 NC contacts	S3/S4 3WJ9111-0AG04 6880.-
External current sensors for N-conductor		
without copper connectors	FS I	3WJ9111-0AA21 45295.-
	FS II	3WJ9111-0AA22 55055.-
with copper connectors	FS I	3WJ9111-0AA31 49715.-
	FS II	3WJ9111-0AA32 57055.-

Std. Pkg. = 1 unit

* LP - List Price

3WJ Accessories & Spares (Contd.)

Description		Type	Unit LP* ₹
Other operating / mounting accessories			
Door sealing frame	IP 41	3WJ9111-0AP01	5405.-
Protective cover	IP 55	3WJ9111-0AP03	POR
Crank handle (to be ordered separately)		3WJ9111-0BC01	3305.-
Sealing cap for ON/OFF push button		3WJ9111-0AP05	POR
Locking accessories			
To prevent unauthorized activation in the operator panel of the circuit breaker.	Mounting kit for CASTELL ¹⁾	3WJ9111-0BA31	19895.-
	Safety lock (3SB1) instead of the OFF button. CES lock	3WJ9111-0BA35	8795.-
Castell lock (¹⁾ To be ordered separately with Factory fitted option Castell lock mounting kit or with accessory 3WJ9111-0BA31)	Type A	3WX3663-6JELA	10880.-
	Type B	3WX3663-6JELB	10880.-
	Type C	3WX3663-6JELC	10880.-
	Type D	3WX3663-6JELD	10880.-
	Type AB	3WX3663-6JELAB	10880.-
	Type AC	3WX3663-6JELAC	10880.-
Interlocking accessories			
For fixed-mounted circuit breakers	To prevent opening of the cabinet door in ON condition (Door interlock)	3WJ9111-0BB12	21570.-
For withdrawable circuit breakers	To prevent opening of the control cabinet door in connected position (Door interlock)	3WJ9111-0BB13	21570.-
Mutual mechanical Interlocking accessories			
Interlocking module with Bowden cable 2 m	For fixed-mounted breakers	3WJ9111-0BB21	50730.-
	For withdrawable circuit breakers with guide frame (R55)	3WJ9111-0BB22	50730.-
Bowden cable	2000 mm	3WJ9111-0BB41	14495.-
	3000 mm	3WJ9111-0BB42	20170.-
	4500 mm	3WJ9111-0BB43	26095.-

Std. Pkg. = 1 unit

POR: Price On Request

* LP - List Price

THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit



Compact
Efficient design



Versatile
For various applications



Reliable
Siemens trusted quality



Operational efficiency
Reduced downtime

NEW



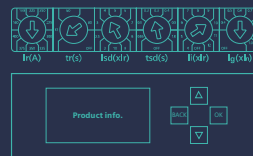
Product highlights

Range

Current rating from
160A to 630A

Ics = Icu =
55kA

Microprocessor Based trip units



Color coded knob switches & Display options

3P, 4P
LSI, LSIG

Enhanced protection

Microprocessor trip units

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



Enhanced protection

Approbations

RoHS

IEC 60947-1
General rules

IEC 60947-2
Circuit breakers

IEC 60947-5-1

Control circuit devices and switching elements - Electromechanical control circuit devices

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THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit



Compact
Efficient design



Versatile
For various
applications



Reliable
Siemens trusted
quality



Operational
efficiency
Reduced
downtime



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3VJ1 moulded case circuit breakers

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	5045.-	3VJ1096-0DA32-0AA0	6265.-	3VJ1096-0EA42-0AA0	8975.-
		20	3VJ1002-0DA22-0AA0	5045.-	3VJ1002-0DA32-0AA0	6265.-	3VJ1002-0EA42-0AA0	8975.-
		25	3VJ1092-0DA22-0AA0	5045.-	3VJ1092-0DA32-0AA0	6265.-	3VJ1092-0EA42-0AA0	8975.-
		32	3VJ1003-0DA22-0AA0	5045.-	3VJ1003-0DA32-0AA0	6265.-	3VJ1003-0EA42-0AA0	8975.-
		40	3VJ1004-0DA22-0AA0	5045.-	3VJ1004-0DA32-0AA0	6265.-	3VJ1004-0EA42-0AA0	8975.-
		50	3VJ1005-0DA22-0AA0	5045.-	3VJ1005-0DA32-0AA0	6265.-	3VJ1005-0EA42-0AA0	8975.-
		63	3VJ1006-0DA22-0AA0	5045.-	3VJ1006-0DA32-0AA0	6265.-	3VJ1006-0EA42-0AA0	8975.-
		80	3VJ1008-0DA22-0AA0	5045.-	3VJ1008-0DA32-0AA0	6265.-	3VJ1008-0EA42-0AA0	8975.-
		100	3VJ1010-0DA22-0AA0	5045.-	3VJ1010-0DA32-0AA0	6265.-	3VJ1010-0EA42-0AA0	8975.-
	125	3VJ1012-0DA22-0AA0	7800.-	3VJ1012-0DA32-0AA0	9395.-	3VJ1012-0EA42-0AA0	13460.-	
	18kA	16	3VJ1096-1DA22-0AA0	6980.-	3VJ1096-1DA32-0AA0	10075.-	3VJ1096-1EA42-0AA0	12920.-
		20	3VJ1002-1DA22-0AA0	6980.-	3VJ1002-1DA32-0AA0	10075.-	3VJ1002-1EA42-0AA0	12920.-
		25	3VJ1092-1DA22-0AA0	6980.-	3VJ1092-1DA32-0AA0	10075.-	3VJ1092-1EA42-0AA0	12920.-
		32	3VJ1003-1DA22-0AA0	6980.-	3VJ1003-1DA32-0AA0	10075.-	3VJ1003-1EA42-0AA0	12920.-
		40	3VJ1004-1DA22-0AA0	6980.-	3VJ1004-1DA32-0AA0	10075.-	3VJ1004-1EA42-0AA0	12920.-
		50	3VJ1005-1DA22-0AA0	6980.-	3VJ1005-1DA32-0AA0	10075.-	3VJ1005-1EA42-0AA0	12920.-
		63	3VJ1006-1DA22-0AA0	6980.-	3VJ1006-1DA32-0AA0	10075.-	3VJ1006-1EA42-0AA0	12920.-
		80	3VJ1008-1DA22-0AA0	6980.-	3VJ1008-1DA32-0AA0	10075.-	3VJ1008-1EA42-0AA0	12920.-
		100	3VJ1010-1DA22-0AA0	6980.-	3VJ1010-1DA32-0AA0	10075.-	3VJ1010-1EA42-0AA0	12920.-
	125	3VJ1012-1DA22-0AA0	8070.-	3VJ1012-1DA32-0AA0	11550.-	3VJ1012-1EA42-0AA0	15025.-	
	25kA	16	3VJ1096-3DA22-0AA0	8375.-	3VJ1096-3DA32-0AA0	10980.-	3VJ1096-3EA42-0AA0	14570.-
		20	3VJ1002-3DA22-0AA0	8375.-	3VJ1002-3DA32-0AA0	10980.-	3VJ1002-3EA42-0AA0	14570.-
		25	3VJ1092-3DA22-0AA0	8375.-	3VJ1092-3DA32-0AA0	10980.-	3VJ1092-3EA42-0AA0	14570.-
		32	3VJ1003-3DA22-0AA0	8375.-	3VJ1003-3DA32-0AA0	10980.-	3VJ1003-3EA42-0AA0	14570.-
		40	3VJ1004-3DA22-0AA0	8375.-	3VJ1004-3DA32-0AA0	10980.-	3VJ1004-3EA42-0AA0	14570.-
		50	3VJ1005-3DA22-0AA0	8375.-	3VJ1005-3DA32-0AA0	10980.-	3VJ1005-3EA42-0AA0	14570.-
		63	3VJ1006-3DA22-0AA0	8375.-	3VJ1006-3DA32-0AA0	10980.-	3VJ1006-3EA42-0AA0	14570.-
		80	3VJ1008-3DA22-0AA0	8375.-	3VJ1008-3DA32-0AA0	10980.-	3VJ1008-3EA42-0AA0	14570.-
		100	3VJ1010-3DA22-0AA0	8375.-	3VJ1010-3DA32-0AA0	10980.-	3VJ1010-3EA42-0AA0	14570.-
	125	3VJ1012-3DA22-0AA0	8375.-	3VJ1012-3DA32-0AA0	12550.-	3VJ1012-3EA42-0AA0	16015.-	

Notes:

Phase barriers are included in the standard MCCB packing

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

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



Circuit Breakers

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	17005.-	3VJ1216-3DA32-0AA0	19715.-	3VJ1216-3EA42-0AA0	25930.-
		200	3VJ1220-3DA22-0AA0	17200.-	3VJ1220-3DA32-0AA0	20020.-	3VJ1220-3EA42-0AA0	28475.-
		250	3VJ1225-3DA22-0AA0	17375.-	3VJ1225-3DA32-0AA0	22530.-	3VJ1225-3EA42-0AA0	29665.-
		320	-	-	3VJ1332-3DA32-0AA0	44630.-	3VJ1332-3EA42-0AA0	57480.-
3VJ13 (VJ1 400)	25kA	400	-	-	3VJ1340-3DA32-0AA0	44630.-	3VJ1340-3EA42-0AA0	57480.-
		550	-	-	-	-	-	-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	12890.-	3VJ1196-5DA32-0AA0	15330.-	3VJ1196-5EA42-0AA0	20245.-
		20	3VJ1102-5DA22-0AA0	12890.-	3VJ1102-5DA32-0AA0	15330.-	3VJ1102-5EA42-0AA0	20245.-
		25	3VJ1192-5DA22-0AA0	12890.-	3VJ1192-5DA32-0AA0	15330.-	3VJ1192-5EA42-0AA0	20245.-
		32	3VJ1103-5DA22-0AA0	12890.-	3VJ1103-5DA32-0AA0	15330.-	3VJ1103-5EA42-0AA0	20245.-
		40	3VJ1104-5DA22-0AA0	12890.-	3VJ1104-5DA32-0AA0	15330.-	3VJ1104-5EA42-0AA0	20245.-
		50	3VJ1105-5DA22-0AA0	12890.-	3VJ1105-5DA32-0AA0	15330.-	3VJ1105-5EA42-0AA0	20245.-
		63	3VJ1106-5DA22-0AA0	12890.-	3VJ1106-5DA32-0AA0	15330.-	3VJ1106-5EA42-0AA0	20245.-
		80	3VJ1108-5DA22-0AA0	12890.-	3VJ1108-5DA32-0AA0	15780.-	3VJ1108-5EA42-0AA0	20875.-
		100	3VJ1110-5DA22-0AA0	12890.-	3VJ1110-5DA32-0AA0	15780.-	3VJ1110-5EA42-0AA0	20875.-
		125	3VJ1112-5DA22-0AA0	12890.-	3VJ1112-5DA32-0AA0	17360.-	3VJ1112-5EA42-0AA0	22685.-
3VJ12 (VJ1 250)	36kA	160	3VJ1216-5DA22-0AA0	17935.-	3VJ1216-5DA32-0AA0	22075.-	3VJ1216-5EA42-0AA0	26850.-
		200	3VJ1220-5DA22-0AA0	18895.-	3VJ1220-5DA32-0AA0	27220.-	3VJ1220-5EA42-0AA0	35130.-
		250	3VJ1225-5DA22-0AA0	21325.-	3VJ1225-5DA32-0AA0	31285.-	3VJ1225-5EA42-0AA0	40260.-
3VJ13 (VJ1 400)	36kA	320	-	-	3VJ1332-5DA32-0AA0	45745.-	3VJ1332-5EA42-0AA0	58595.-
		400	-	-	3VJ1340-5DA32-0AA0	45745.-	3VJ1340-5EA42-0AA0	58595.-
3VJ14 (VJ1 630)	36kA	500	-	-	3VJ1450-5DA32-0AA0	68620.-	3VJ1450-5EA42-0AA0	87900.-
		630	-	-	3VJ1463-5DA32-0AA0	68620.-	3VJ1463-5EA42-0AA0	87900.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	13560.-	3VJ1196-7DA32-0AA0	19610.-	3VJ1196-7EA42-0AA0	25870.-
		20	3VJ1102-7DA22-0AA0	13560.-	3VJ1102-7DA32-0AA0	19610.-	3VJ1102-7EA42-0AA0	25870.-
		25	3VJ1192-7DA22-0AA0	13560.-	3VJ1192-7DA32-0AA0	19610.-	3VJ1192-7EA42-0AA0	25870.-
		32	3VJ1103-7DA22-0AA0	13560.-	3VJ1103-7DA32-0AA0	19610.-	3VJ1103-7EA42-0AA0	25870.-
		40	3VJ1104-7DA22-0AA0	13560.-	3VJ1104-7DA32-0AA0	19610.-	3VJ1104-7EA42-0AA0	25870.-
		50	3VJ1105-7DA22-0AA0	13560.-	3VJ1105-7DA32-0AA0	19610.-	3VJ1105-7EA42-0AA0	25870.-
		63	3VJ1106-7DA22-0AA0	13560.-	3VJ1106-7DA32-0AA0	19610.-	3VJ1106-7EA42-0AA0	25870.-
		80	3VJ1108-7DA22-0AA0	13560.-	3VJ1108-7DA32-0AA0	19610.-	3VJ1108-7EA42-0AA0	25870.-
		100	3VJ1110-7DA22-0AA0	13560.-	3VJ1110-7DA32-0AA0	19610.-	3VJ1110-7EA42-0AA0	25870.-
		125	3VJ1112-7DA22-0AA0	13560.-	3VJ1112-7DA32-0AA0	21575.-	3VJ1112-7EA42-0AA0	28450.-
3VJ12 (VJ1 250)	55kA	160	3VJ1216-7DA22-0AA0	19440.-	3VJ1216-7DA32-0AA0	27310.-	3VJ1216-7EA42-0AA0	36070.-
		200	3VJ1220-7DA22-0AA0	19830.-	3VJ1220-7DA32-0AA0	31400.-	3VJ1220-7EA42-0AA0	41465.-
		250	3VJ1225-7DA22-0AA0	21715.-	3VJ1225-7DA32-0AA0	36110.-	3VJ1225-7EA42-0AA0	47695.-
3VJ13 (VJ1 400)	55kA	320	-	-	3VJ1332-7DA32-0AA0	46865.-	3VJ1332-7EA42-0AA0	60275.-
		400	-	-	3VJ1340-7DA32-0AA0	46865.-	3VJ1340-7EA42-0AA0	60275.-
3VJ14 (VJ1 630)	55kA	500	-	-	3VJ1450-7DA32-0AA0	70295.-	3VJ1450-7EA42-0AA0	90395.-
		630	-	-	3VJ1463-7DA32-0AA0	70295.-	3VJ1463-7EA42-0AA0	90395.-

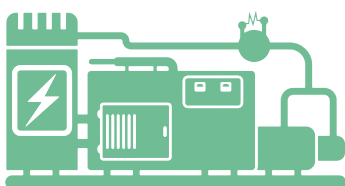
Notes:

Phase barriers are included in the standard MCCB packing

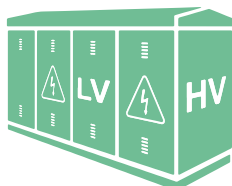
^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



Diesel Generator



Compact Substation



Utility Feeder Panel

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DB32-0AA0	7980.-	3VJ1096-0EB42-0AA0	10775.-
		20	3VJ1002-0DB32-0AA0	7980.-	3VJ1002-0EB42-0AA0	10775.-
		25	3VJ1092-0DB32-0AA0	7980.-	3VJ1092-0EB42-0AA0	10775.-
		32	3VJ1003-0DB32-0AA0	7980.-	3VJ1003-0EB42-0AA0	10775.-
		40	3VJ1004-0DB32-0AA0	7980.-	3VJ1004-0EB42-0AA0	10775.-
		50	3VJ1005-0DB32-0AA0	7980.-	3VJ1005-0EB42-0AA0	10775.-
		63	3VJ1006-0DB32-0AA0	7980.-	3VJ1006-0EB42-0AA0	10775.-
		80	3VJ1008-0DB32-0AA0	7980.-	3VJ1008-0EB42-0AA0	10775.-
		100	3VJ1010-0DB32-0AA0	7980.-	3VJ1010-0EB42-0AA0	10775.-
	125	3VJ1012-0DB32-0AA0	11480.-	3VJ1012-0EB42-0AA0	16200.-	
	18kA	16	3VJ1096-1DB32-0AA0	12065.-	3VJ1096-1EB42-0AA0	15485.-
		20	3VJ1002-1DB32-0AA0	12065.-	3VJ1002-1EB42-0AA0	15485.-
		25	3VJ1092-1DB32-0AA0	12065.-	3VJ1092-1EB42-0AA0	15485.-
		32	3VJ1003-1DB32-0AA0	12065.-	3VJ1003-1EB42-0AA0	15485.-
		40	3VJ1004-1DB32-0AA0	12065.-	3VJ1004-1EB42-0AA0	15485.-
		50	3VJ1005-1DB32-0AA0	12065.-	3VJ1005-1EB42-0AA0	15485.-
		63	3VJ1006-1DB32-0AA0	12065.-	3VJ1006-1EB42-0AA0	15485.-
		80	3VJ1008-1DB32-0AA0	12065.-	3VJ1008-1EB42-0AA0	15485.-
		100	3VJ1010-1DB32-0AA0	12065.-	3VJ1010-1EB42-0AA0	15485.-
	125	3VJ1012-1DB32-0AA0	13830.-	3VJ1012-1EB42-0AA0	18010.-	
	25kA	16	3VJ1096-3DB32-0AA0	13860.-	3VJ1096-3EB42-0AA0	18385.-
		20	3VJ1002-3DB32-0AA0	13860.-	3VJ1002-3EB42-0AA0	18385.-
		25	3VJ1092-3DB32-0AA0	13860.-	3VJ1092-3EB42-0AA0	18385.-
		32	3VJ1003-3DB32-0AA0	13860.-	3VJ1003-3EB42-0AA0	18385.-
		40	3VJ1004-3DB32-0AA0	13860.-	3VJ1004-3EB42-0AA0	18385.-
		50	3VJ1005-3DB32-0AA0	13860.-	3VJ1005-3EB42-0AA0	18385.-
		63	3VJ1006-3DB32-0AA0	13860.-	3VJ1006-3EB42-0AA0	18385.-
		80	3VJ1008-3DB32-0AA0	13860.-	3VJ1008-3EB42-0AA0	18385.-
		100	3VJ1010-3DB32-0AA0	13860.-	3VJ1010-3EB42-0AA0	18385.-
	125	3VJ1012-3DB32-0AA0	15810.-	3VJ1012-3EB42-0AA0	20210.-	

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

Circuit Breakers



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

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

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth fault monitoring relay • Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	9755.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910 3365.-
	4P	7UG09911 3840.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911 3840.-
	4P	7UG09911 3840.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912 4065.-
	4P	7UG09913 4790.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915 6490.-

Earth Leakage Protection for 3VJ MCCBs

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

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

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

LP = List Price

3VJ Internal accessories

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

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

3VJ External accessories

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

Notes:

@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.

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

Available as a spare; 1 set contains 2 phase barriers

\$ 1 set contains 2 front barriers (top & bottom)

Toggle handle extension is included in the standard packing of 3VJ13 & 3VJ14 MCCBs.

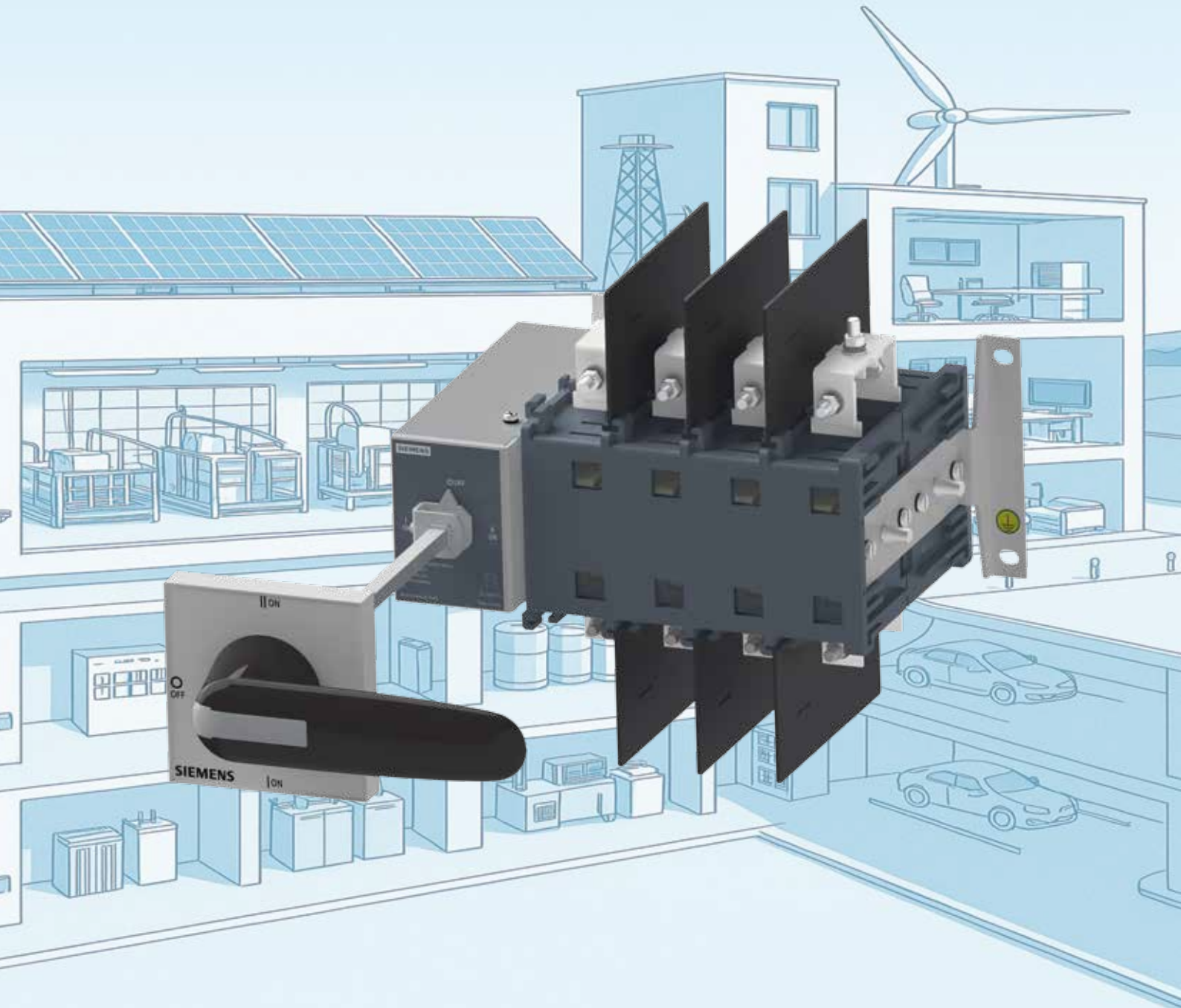
2P/3P SS enclosures provide inbuilt neutral link for TPN system

Padlocking devices can be used for locking MCCB in Off position

Mechanical interlocking devices can not be used along with the rotary operators

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



THE POWER OF **SIMPLICITY**

SINOPLUS 3KJ On Load Changeover Switches

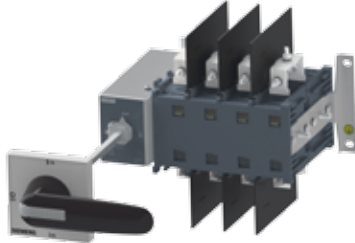
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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SIEMENS

Manual On Load Changeover Switch 3KJ

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



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

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std. pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	11740.-	3KJ1126-4AA20-1AA0	23215.-	1
		100	3KJ1130-4AA20-0AA0	15610.-	3KJ1130-4AA20-1AA0	27275.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	23370.-	3KJ0132-4AA20-1AA0	31775.-	1
		160	3KJ0134-4AA20-0AA0	25680.-	3KJ0134-4AA20-1AA0	36385.-	1
		200	3KJ0236-4AA20-0AA0	32700.-	3KJ0236-4AA20-1AA0	42085.-	1
	2	250	3KJ0238-4AA20-0AA0	40030.-	3KJ0238-4AA20-1AA0	52295.-	1
		315	3KJ0240-4AA20-0AA0	52445.-	3KJ0240-4AA20-1AA0	63925.-	1
		400	3KJ0242-4AA20-0AA0	76130.-	3KJ0242-4AA20-1AA0	95035.-	1
	3	630	3KJ0346-4AA20-0AA0	90535.-	3KJ0346-4AA20-1AA0	109415.-	1
		800	3KJ0348-4AA20-0AA0	131320.-	3KJ0348-4AA20-1AA0	157360.-	1
	4	1000	3KJ0450-4AA30-0AA0	247330.-	3KJ0450-4AA30-1AA0	271980.-	1
		1250	3KJ0452-4AA30-0AA0	304810.-	3KJ0452-4AA30-1AA0	351265.-	1
		1600	3KJ0454-4AA30-0AA0	388580.-	3KJ0454-4AA30-1AA0	473735.-	1
	5	2000	3KJ0556-4AA30-0AA0	598170.-	3KJ0556-4AA30-1AA0	652970.-	1
		2500	3KJ0558-4AA30-0AA0	766915.-	3KJ0558-4AA30-1AA0	835510.-	1
		3150	3KJ0560-4AA30-0AA0	986110.-	3KJ0560-4AA30-1AA0	1132495.-	1

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

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



Metro



Solar



Power Utilities



Port



Crane



Offshore



Metal



Oil



Mining

Manual On Load Changeover Switch 3KJ



Auxiliary switch

Gland box

Accessories and spares

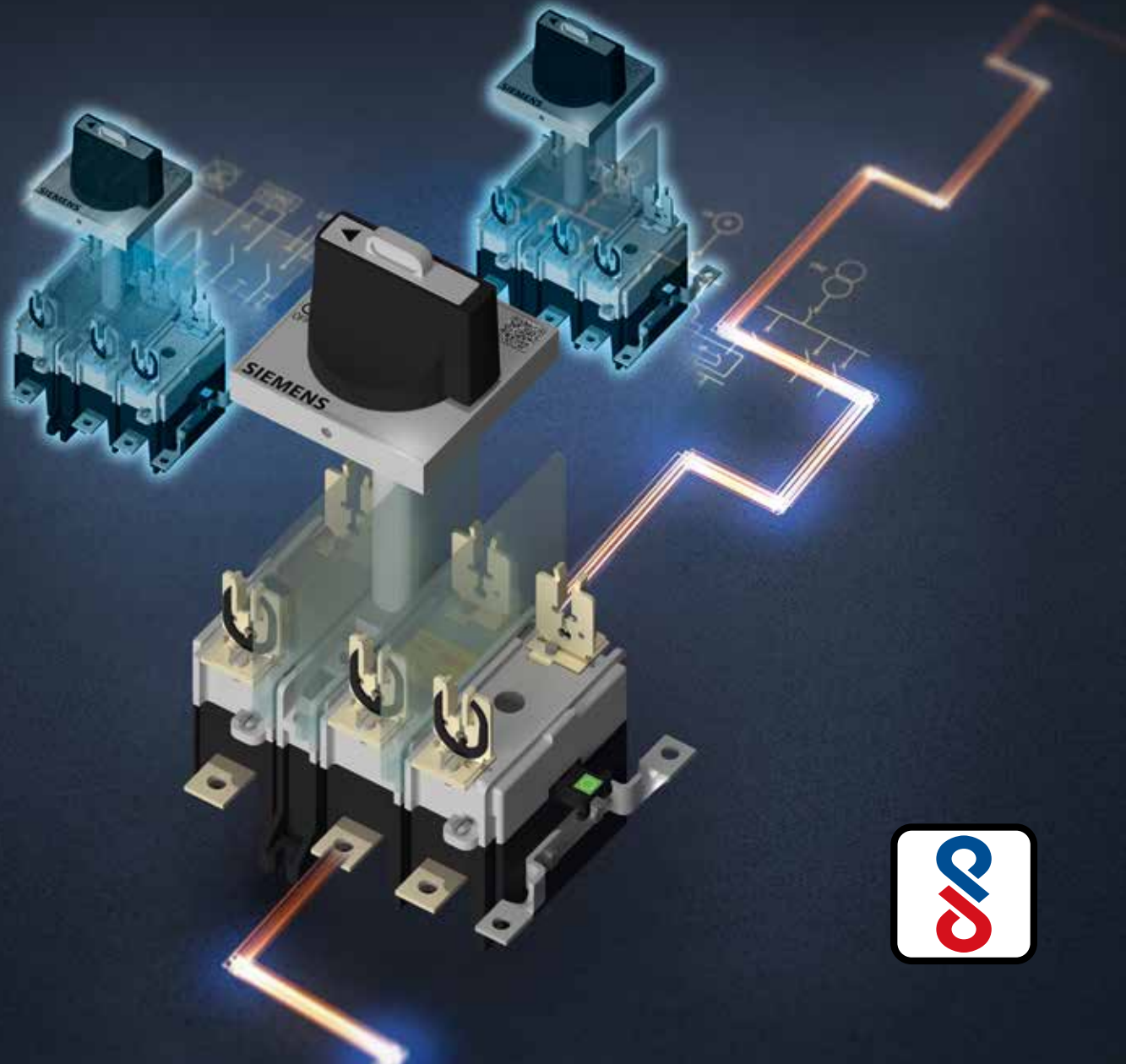
Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch ¹⁾	1CO	3KJ9101-1AB00	1175.-					1
	2CO	3KJ9101-1AD00	2345.-					1
	1NO+1NC			3KJ9001-1AB00	3050.-	3KJ9001-5AB00	6160.-	1
	2NO+2NC			3KJ9001-1AD00	10615.-	3KJ9001-5AD00	23035.-	1
Gland box ²⁾	With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

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

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

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

Load Break Switches



SUPERSWITCH

Switch Disconnector Fuse - **3KL8**

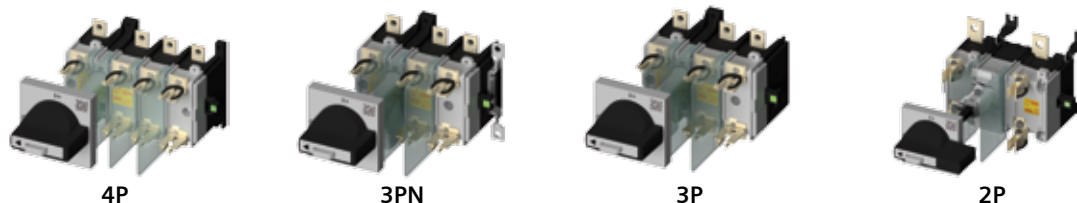
Safe. Reliable. Efficient.

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

SIEMENS

Superswitch 3KL8

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



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	7020.-	3KL8111-4TJ00	7135.-	3KL8111-4TC00	7290.-	1
32A	3KL8121-4TA00	7265.-	3KL8121-4TJ00	7825.-	3KL8121-4TC00	7870.-	1
63A	3KL8151-4TA00	9775.-	3KL8151-4TJ00	9915.-	3KL8151-4TC00	10320.-	1
100A	3KL8171-4TA00	14675.-	-	-	-	-	1
100A	3KL8211-4TA00	21085.-	3KL8211-4TJ00	22990.-	-	-	1
125A	3KL8221-4TA00	25830.-	3KL8221-4TJ00	27370.-	-	-	1
160A	3KL8231-4TA00	28680.-	3KL8231-4TJ00	33255.-	-	-	1
200A	3KL8311-4UA00	41150.-	3KL8311-4UJ00	43200.-	-	-	1
250A	3KL8321-4UA00	47945.-	3KL8321-4UJ00	51200.-	-	-	1
315A	3KL8331-4UA00	57705.-	3KL8331-4UJ00	63175.-	-	-	1
400A	3KL8341-4UA00	63495.-	3KL8341-4UJ00	72980.-	-	-	1
500A	3KL8411-4UA00	103120.-	3KL8411-4UJ00	117625.-	-	-	1
630A	3KL8421-4UA00	106915.-	3KL8421-4UJ00	121880.-	-	-	1
800A [§]	3KL8431-4UA00	126365.-	3KL8431-4UJ00	132065.-	-	-	1

Switch 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	6235.-	3KL8111-5TJ00	6250.-	3KL8111-5TC00	6285.-	1
32A	3KL8121-5TA00	6330.-	3KL8121-5TJ00	6370.-	3KL8121-5TC00	6425.-	1
63A	3KL8151-5TA00	8500.-	3KL8151-5TJ00	8675.-	3KL8151-5TC00	8755.-	1
100A	3KL8171-5TA00	12175.-	-	-	-	-	1
100A	3KL8211-5TA00	16955.-	3KL8211-5TJ00	17105.-	-	-	1
125A	3KL8221-5TA00	21825.-	3KL8221-5TJ00	21915.-	-	-	1
160A	3KL8231-5TA00	23355.-	3KL8231-5TJ00	23455.-	-	-	1
200A	3KL8311-5UA00	32050.-	3KL8311-5UJ00	33015.-	-	-	1
250A	3KL8321-5UA00	36410.-	3KL8321-5UJ00	37395.-	-	-	1
315A	3KL8331-5UA00	43350.-	3KL8331-5UJ00	44080.-	-	-	1
400A	3KL8341-5UA00	52240.-	3KL8341-5UJ00	53015.-	-	-	1
500A	3KL8411-5UA00	84025.-	3KL8411-5UJ00	85955.-	-	-	1
630A	3KL8421-5UA00	88495.-	3KL8421-5UJ00	93095.-	-	-	1
800A [§]	3KL8431-5UA00	94365.-	3KL8431-5UJ00	100870.-	-	-	1

Switch 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	6050.-	1
32A	3KL8121-1TA00	6165.-	1
63A	3KL8151-1TA00	8370.-	1
100A	3KL8211-1TA00	16650.-	1
125A	3KL8221-1TA00	21175.-	1
160A	3KL8231-1TA00	22885.-	1
200A	3KL8311-1UA00	31055.-	1
250A	3KL8321-1UA00	36205.-	1
315A	3KL8331-1UA00	42695.-	1
400A	3KL8341-1UA00	51410.-	1
500A	3KL8411-1UA00	82740.-	1
630A	3KL8421-1UA00	87940.-	1
800A [§]	3KL8431-1UA00	93785.-	1

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

Notes:

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

3KL8: Unit MRPs are without fuses

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

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

Refer the OM for changes in dimension

Std. Pkg. = 1 unit

* MRP - Maximum Retail Price

Superswitch 3KL8

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

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



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

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



Load Break Switches

SS[^] Enclosure for 3KL8/ 3KA8

Rated current I _e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	8855.-	1
200A-400A	3KX8345-4AC	11790.-	1
500A-800A	3KX8435-4AC ¹⁾	19325.-	1
200A-800A	3KX8435-4AG ^{#2)}	33185.-	1

[^] SS stands for Sheet Steel

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

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

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

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

@ In 3P housing

[^] SS stands for Sheet Steel

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

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

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

Notes:

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

3KL8: Unit MRPs are without fuses

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

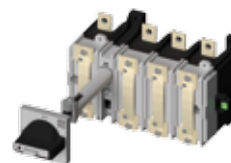
Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

The Enclosures are open at both top and bottom, Kindly order separate gland plates.

Refer Accessories for Superswitch 3KL8/3KA8

Superswitch 3KA8



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

Rated current I _n @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 ⁹	6590.-	3KA8151-5TE00	7950.-	3KA8151-4TE00	11305.-	1
100A	-	-	3KA8171-5TE00	12360.-	3KA8171-4TE00	22740.-	1
100A	3KA8211-2TE00	11535.-	3KA8211-5TE00	15720.-	3KA8211-4TE00	26290.-	1
125A	3KA8221-2TE00	14480.-	3KA8221-5TE00	18055.-	3KA8221-4TE00	28240.-	1
160A	3KA8231-2TE00	19300.-	3KA8231-5TE00	23490.-	3KA8231-4TE00	35580.-	1
200A	3KA8311-2UE00	24535.-	3KA8311-5UE00	30335.-	3KA8311-4UE00	41295.-	1
250A	3KA8321-2UE00	26850.-	3KA8321-5UE00	32030.-	3KA8321-4UE00	50725.-	1
400A	3KA8341-2UE00	37245.-	3KA8341-5UE00	47360.-	3KA8341-4UE00	69140.-	1
630A ⁵	3KA842□-2UE00	59745.-	3KA842□-5UE00	75180.-	3KA842□-4UE00	98960.-	1
800A ⁵	3KA843□-2UE00	62345.-	3KA843□-5UE00	77585.-	3KA843□-4UE00	113570.-	1
1000A ⁵	3KA844□-2UE00	83425.-	3KA844□-5UE00	111445.-	3KA844□-4UE00	139950.-	1
1250A ⁵	3KA845□-2UE00	109690.-	3KA845□-5UE00	144570.-	3KA845□-4UE00	168235.-	1
1600A ⁵	3KA846□-2UE00	126500.-	3KA846□-5UE00	160000.-	3KA846□-4UE00	226585.-	1

□ - 2: Top Incoming
□ - 3: Bottom Incoming

@ In 3P housing

\$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:

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

3KA8: Unit MRPs are inclusive of Front drive (Handle)

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

Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)						
Fuse cover ²⁾	2P	DIN	3KX8150-0AE ⁵⁾	575.-	3KX8230-0JF	1410.-	3KX8340-0AF	2070.-	3KX8430-0JF	2935.-	1						
		BS			3KX8230-0HF	1410.-			3KX8430-0HF	2935.-	1						
	3P	DIN			3KX8230-0JE	1410.-			3KX8340-0AE	2070.-	3KX8430-0JE	2935.-	1				
		BS			3KX8230-0HE	1410.-					3KX8430-0HE	2935.-	1				
	4P	DIN			3KX8150-0AG ⁵⁾	985.-					3KX8230-0JG	1410.-	3KX8340-0AG	2070.-	3KX8430-0JG	2935.-	1
		BS									3KX8230-0HG	1410.-			3KX8430-0HG	2935.-	1
Terminal cover (1set = 2pieces)	2P	-	3KX8151-0AE	295.-			3KX8231-0AF	1200.-			3KX8341-0AF	2255.-			3KX8431-0AF	2645.-	1
	3P	-					3KX8231-0AE	1200.-							3KX8341-0AE	2255.-	3KX8431-0AE
	4P	-					3KX8231-0AG	1200.-	3KX8341-0AG	2255.-					3KX8431-0AG	2645.-	1
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	115.-			3KX8153-0AE (DIN)	115.-	3KX8343-0AE	360.-	3KX8433-0AE	545.-			1		
					3KX8233-0JE (BS)	115.-	545.-	1									
Fuse cover phase barrier kit ³⁾	-	-	-	-	-	-	3KX8340-9AE	1160.-	3KX8440-9AE	1160.-	1						
Auxiliary switch (1NO+1NC)	-	-	3SB5400-0A* ⁴⁾	385.-	3KX3522-1YC	1670.-	3KX3552-1YC	2010.-	3KX3582-1YC	2435.-	1						
Auxiliary switch (2NO+2NC)	-	-	-	-	3KX3522-1YD	3010.-	3KX3552-1YD	4350.-	3KX3582-1YD	4690.-	1						
Auxiliary switch cover	-	-	3KX8154-0AC	200.-	3KX8234-0AC	200.-	-	-	-	-	1						
Front drive (Handle)	-	-	8UC6114-1BB00	2060.-	8UC6214-1BB00	2330.-	8UC6314-1BB00	3515.-	8UC6414-1BB00	5140.-	1						
Operating shaft (300mm)	-	-	8UC6031	570.-	8UC60-32	690.-	8UC6034	1340.-	8UC6034	1340.-	1						
Castell interlock ¹⁾	-	-	8UC6070-0YQ..	10765.-	8UC6070-1YQ..	10765.-	8UC6070-2YQ..	11050.-	8UC6070-2YQ..	11050.-	1						
Depth setting template	-	-	8UC6046-2	120.-	8UC6046-2	120.-	8UC6046-2	120.-	8UC6046-2	120.-	1						
Fuse Monitor with auxiliary switch ⁴⁾ (1NO+1NC)	-	-	3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	3RV1611-0BD10	18565.-	1						
	-	-	3RV2901-1E	2445.-	3RV2901-1E	2445.-	3RV2901-1E	2445.-	3RV2901-1E	2445.-	1						
Fuse safety barrier	-	-	3KX8150-1AC	305.-	3KX8230-1AC	395.-	-	-	-	-	1						
Gland box with gland plate (1no.)	-	-	3KX8235-4DC	10280.-	3KX8235-4DC	10280.-	3KX8345-4DC	14185.-	3KX8435-4DC	21605.-	1						
	-	-							3KX8435-4DG ⁴⁾	35360.-	1						
Gland plate	-	-	3KX8235-4GC	2180.-	3KX8235-4GC	2180.-	3KX8345-4GC	2825.-	3KX8435-4GC	3140.-	1						
	-	-							3KX8435-4GG ⁴⁾	3170.-	1						

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

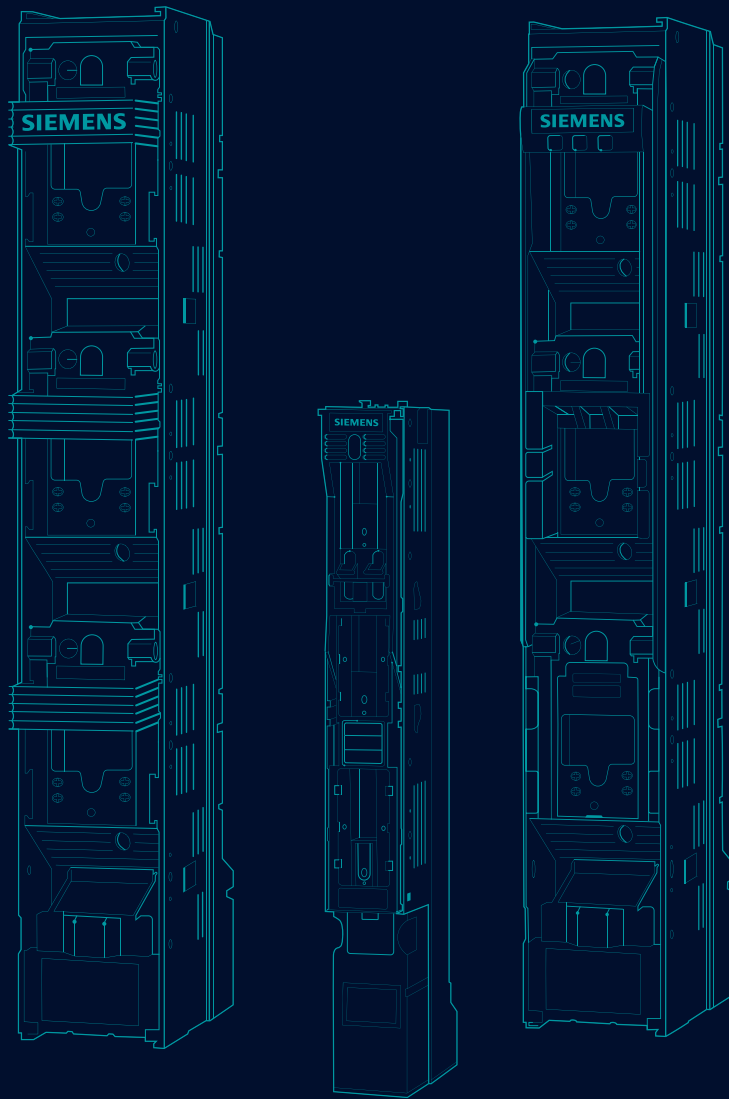
2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

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

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

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

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



3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

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

Applications:

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

SIEMENS



SMART 7KT

Power Monitoring Devices

Expanding the reach of technology

SIEMENS

SMART 7KT

Power Monitoring Devices

SMART 7KT Discrete Panel Meter

Accurate and easy visualization for all the basic measurements

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



Description	Type	Unit LP ₹
VAF meter	7KT0120	5950.-
VA meter	7KT0110	5465.-
3 phase energy meter	7KT0210	11860.-

SMART 7KT Multi Function Meter

Broad range of uses in industry and infrastructure

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

Multi Function Meter

Description	Type	Unit LP ₹
LCD Class 0.5s	7KT0311	29250.-
LCD Class 1	7KT0310	24440.-



Basic Multi Function Meter

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

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

SMART 7KT Discrete DIN Meters

Power monitoring devices for DIN mounted systems

- Tested accuracy as per IEC 61557-12 and IEC 62053
- Bright LCD display for ease of reading
- Easy mounting with click fit on DIN rails
- Integrated communication in 2MW makes the meter digitalization ready
- Modern aesthetics increases the visual appeal of the panel
- RoHS compliant



Description	Type	Unit LP ₹
Single Phase Class 1 Energy Meter	7KT0010	7910.-

SMART 7KT DC Energy Meter

Power monitoring devices for DC applications

- Bi-direction (charging and discharging) current can be measured by the same device
- Time stamped data logging of events
- Load profile analysis
- Single meter measures energy consumption of four independent loads connected to one Voltage source.
- Configurable relay outputs for limit function, pulse output, alarm, etc.
- RoHS compliant



Description	Type	Unit LP ₹
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 60 - 300V AC/DC	7KT0810	33005.-
Multichannel; Class 1; Main volt:10-60V DC; Aux volt: 12 - 70V DC	7KT0811	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt: 60 - 300V AC/DC	7KT0820	
Multichannel; Class 1; Main volt:61 - 200V DC; Aux volt:12 - 70V DC	7KT0821	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 60 - 300V AC/DC	7KT0830	
Multichannel; Class 1; Main volt:201 - 1000V DC; Aux volt: 12 - 70V DC	7KT0831	

Accessories (external shunt for DC meter)

Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75MV	7KT0911	1330.-
External Shunt for DC meter/ 100A/60MV	7KT0922	1660.-
External Shunt for DC meter/ 100A/75MV	7KT0923	1660.-
External Shunt for DC meter/ 150A/75MV	7KT0924	2065.-
External Shunt for DC meter/ 200A/60MV	7KT0925	3670.-

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



3LD4

Control Switches

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

SIEMENS

3LD4 Control Switches

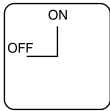
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

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



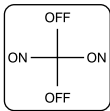
ON OFF Switches

90° operation



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

90° Operation with complete rotation

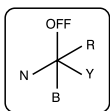
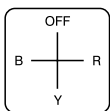


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	305.-	595.-	715.-	750.-	755.-	945.-	1215.-	1420.-	7455.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	400.-	670.-	805.-	895.-	935.-	1110.-	1465.-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

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

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RCO	655.-	1
	10A	3LD41024DC200RCO	785.-	
	16A	3LD41034DC200RCO	1000.-	
	20A	3LD41044DC200RCO	1115.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RCO	650.-	1
	10A	3LD41024DD200RCO	780.-	
	16A	3LD41034DD200RCO	985.-	
	20A	3LD41044DD200RCO	1245.-	



3LD4 Control Switches

Voltmeter Selector Switch (VSS)

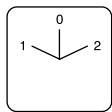
	Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
	Line voltages with OFF	6A	3LD40014DC300RC0	485.-	1
		10A	3LD41024DC300RC0	715.-	
		16A	3LD41034DC300RC0	915.-	
		20A	3LD41044DC300RC0	1030.-	
	Phase voltages with OFF	6A	3LD40014DC310RC0	855.-	
		10A	3LD41024DC310RC0	955.-	
		16A	3LD41034DC310RC0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



Changeover Switch

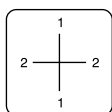
With OFF (60°)

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



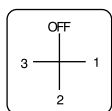
Without OFF (90°)

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



Phase Changeover Switch (PCS)

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



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

3LD4 Control Switches

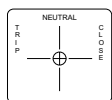
Breaker Control Switch

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



Product Features

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

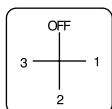


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	2650.-	1
	32A	3LD4206-2BB50-ORCO	3130.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	3195.-	
	32A	3LD4206-4BB50-ORCO	3725.-	

Multistep Switch

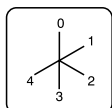


Multistep 3 Way with OFF



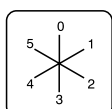
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1CC40-ORCO	1P 3W	485.-	805.-	935.-	955.-	1020.-	1135.-	1615.-	1825.-	9305.-	1
3LD4 ___2CC40-ORCO	2P 3W	655.-	945.-	1135.-	1360.-	1550.-	1660.-	2400.-	2695.-	14495.-	
3LD4 ___3CC40-ORCO	3P 3W	945.-	1255.-	1925.-	2055.-	2300.-	2495.-	3190.-	4165.-	18950.-	
3LD4 ___4CC40-ORCO	4P 3W	1215.-	1625.-	2330.-	2550.-	2860.-	3145.-	4280.-	4985.-	23930.-	

Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1DD40-ORCO	1P 4W	550.-	720.-	1360.-	1475.-	1625.-	1810.-	2045.-	2780.-	8230.-	1
3LD4 ___2DD40-ORCO	2P 4W	945.-	1365.-	1605.-	1650.-	1715.-	1985.-	2570.-	3245.-	12710.-	
3LD4 ___3DD40-ORCO	3P 4W	1320.-	1835.-	2545.-	2675.-	2860.-	3280.-	4385.-	4985.-	35020.-	

Multistep 5 Way with OFF

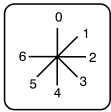


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___1EE40-ORCO	1P 5W	620.-	1155.-	1560.-	1760.-	2035.-	2055.-	2545.-	2975.-	8755.-	1
3LD4 ___2EE40-ORCO	2P 5W	1110.-	1790.-	2075.-	2400.-	2770.-	3245.-	3345.-	4180.-	12705.-	

* LP - List Price

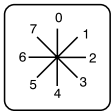
Multistep Switch

Multistep 6 Way with OFF



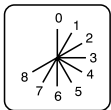
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-ORCO	1P 6W	800.-	1300.-	1505.-	1655.-	1810.-	2110.-	2165.-	3505.-	1
3LD4 ___ 2FF40-ORCO	2P 6W	1320.-	1940.-	2180.-	2465.-	2780.-	3365.-	4300.-	5630.-	

Multistep 7 Way with OFF



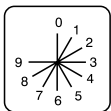
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-ORCO	1P 7W	805.-	1330.-	1650.-	1805.-	2055.-	2155.-	2245.-	3485.-	1

Multistep 8 Way with OFF



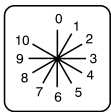
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	920.-	1130.-	1615.-	1875.-	1

Multistep 9 Way with OFF



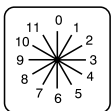
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	945.-	1375.-	1670.-	1985.-	1

Multistep 10 Way with OFF



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

Multistep 11 Way with OFF



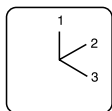
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORCO	1P 11W	1320.-	1580.-	2465.-	3245.-	1

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

Multistep Switch

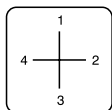


Multistep 3 Way without OFF



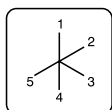
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORCO	1P 3W	410.-	710.-	860.-	870.-	1090.-	1120.-	1740.-	1960.-	7360.-	1
3LD4 ___ 2QB40-ORCO	2P 3W	595.-	1070.-	1210.-	1330.-	1430.-	1470.-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

Multistep 4 Way without OFF



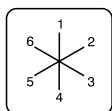
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-ORCO	1P 4W	470.-	775.-	1050.-	1130.-	1300.-	1370.-	1885.-	2630.-	8970.-	1
3LD4 ___ 2RC40-ORCO	2P 4W	665.-	1110.-	1235.-	1420.-	1540.-	1685.-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

Multistep 5 Way without OFF



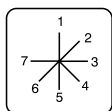
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-ORCO	1P 5W	620.-	890.-	1230.-	1420.-	1615.-	1985.-	2545.-	3255.-	8710.-	1
3LD4 ___ 2SD40-ORCO	2P 5W	1110.-	1505.-	1695.-	2180.-	2550.-	2750.-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

Multistep 6 Way without OFF



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

Multistep 7 Way without OFF

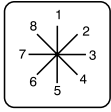


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1UF40-ORCO	1P 7W	800.-	1020.-	1175.-	1625.-	2145.-	2150.-	2570.-	3825.-	1	

* LP - List Price

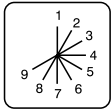
Multistep Switch

Multistep 8 Way without OFF



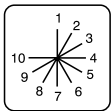
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	805.-	1590.-	1755.-	1875.-	1

Multistep 9 Way without OFF



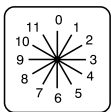
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	945.-	1650.-	2785.-	3465.-	1

Multistep 10 Way without OFF



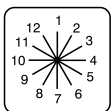
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	1020.-	1680.-	3090.-	4165.-	1

Multistep 11 Way without OFF



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

Multistep 12 Way without OFF



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

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

* LP - List Price





Geared to act **FAST!**

Siemens range of fuses

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

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

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

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SIEMENS

HRC fuses (DIN) 3NA

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



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

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

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

■ Stock items

* LP - List Price

® MRP - Max. Retail Price

Isolating links (DIN)

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



Fuse bases (DIN)

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



Fuse puller

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



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	310.-	20
4	■ 3NWN54	310.-	20
6	■ 3NWN56	310.-	20
10	■ 3NWN510	310.-	20
16	■ 3NWN516	310.-	20
20	■ 3NWN520	365.-	20
25	■ 3NWN525	365.-	20
32	3NWN532	365.-	20

Offset tag

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

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	1870.-	10
100	3NWT100	1870.-	10
125	3NWT125	3850.-	5
160	3NWT160	3850.-	5
200	3NWT200	3850.-	5
250	3NWT250	5320.-	1
315	3NWT315	5320.-	1
355	3NWT355	6195.-	1
400	3NWT400	6195.-	1
500	3NWT500	9735.-	1
630	3NWT630	11855.-	1
710	3NWT710	13545.-	1
800	3NWT800	13545.-	1

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	365.-	20
10	3NWTSA10	365.-	20
16	3NWTSA16	365.-	20
20	3NWTSA20	365.-	20
25	3NWTSA25	365.-	20
32	3NWTSA32	365.-	20
36	3NWTSS36	730.-	20
40	3NWTSS40	730.-	20
50	3NWTSS50	730.-	20
63	3NWTSS63	730.-	20
80	3NWTSDS80	1370.-	20
100	3NWTSDS100	1370.-	20
125	3NWTFF125	1720.-	5
160	3NWTFF160	1875.-	5
200	3NWTFF200	1720.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTDC80	1665.-	10
100	3NWTDC100	1665.-	10
125	3NWTFS125	1735.-	5
160	3NWTFS160	1735.-	5
200	3NWTFS200	1735.-	5
250	3NWTFS250	4165.-	1
315	3NWTFS315	4165.-	1
355	3NWTFS355	6955.-	1
400	3NWTFS400	6955.-	1
450	3NWTFS450	5770.-	1
500	3NWTFS500	5770.-	1
560	3NWTFS560	11010.-	1
630	3NWTFS630	9340.-	1
800	3NWTFS800	13485.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWT32F9	7180.-	10
63	3NWT63F9	8425.-	10
100	3NWT100F9	9300.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NSF	525.-	10
32	■ 3NW32NSF	660.-	10
32A (Iso. Link)	■ 3NW32NSL	290.-	10

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

■ Stock items

* MRP - Maximum Retail Price

Please order in multiples of standard packing.

THE POWER OF **SIMPLICITY**

SINOPLUS 3MT7, 3MH7 & 3MU7 Contactors & Overload relays



Adaptable

Our contactors and overload relays are designed to easily fit into various panel designs, catering to your control and protection requirements



Trustworthy

Our contactors and overload relays ensure reliable motor protection



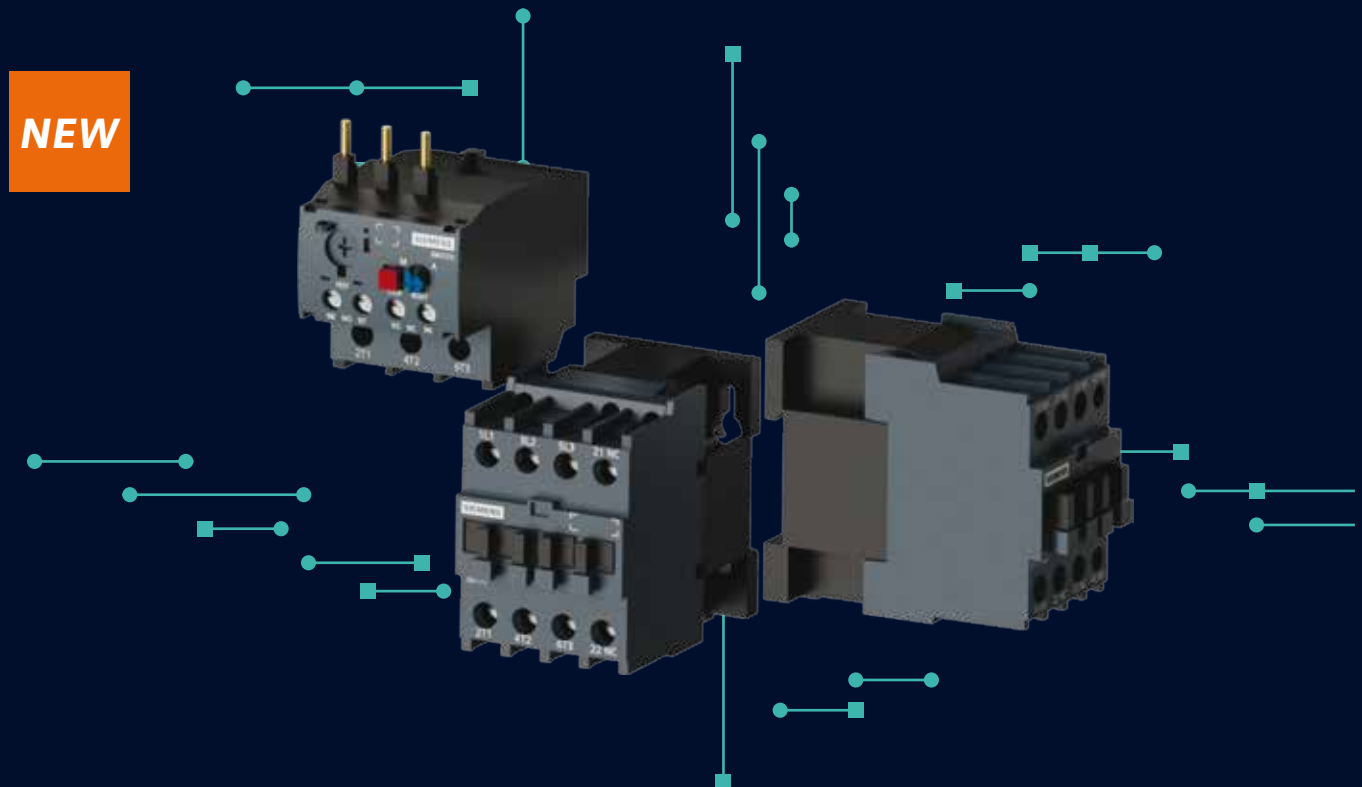
Assurance

Our contactors and overload relays are compliant with IEC 60947-4-1 and IEC 60947-5-1 standards, RoHS compliant, CE certified, and type-tested



Consistent Design

Our contactors and overload relays are uniform in design aesthetic and compatible with accessories across the product ranges



SIEMENS



Power Contactors

Size	AC-3 operational current I _e upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type ^s	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	■ 3MT7006-0AA10-0A..	2440.-	1
			1 NC	■ 3MT7006-0AA01-0A..	2440.-	1
	9	4	1 NO	■ 3MT7010-0AA10-0A..	2520.-	1
			1 NC	■ 3MT7010-0AA01-0A..	2520.-	1
	12	5.5	1 NO	■ 3MT7012-0AA10-0A..	2775.-	1
			1 NC	■ 3MT7012-0AA01-0A..	2775.-	1
1	18	7.5	1 NO	■ 3MT7018-1AA10-0A..	3100.-	1
			1 NC	■ 3MT7018-1AA01-0A..	3100.-	1
	22	11	1 NO	■ 3MT7022-1AA10-0A..	3790.-	1
			1 NC	■ 3MT7022-1AA01-0A..	3790.-	1
2	25	11	1 NO	■ 3MT7025-2AA10-0A..	4430.-	1
			1 NC	■ 3MT7025-2AA01-0A..	4430.-	1
	32	15	1 NO	■ 3MT7032-2AA10-0A..	9220.-	1
			1 NC	■ 3MT7032-2AA01-0A..	9220.-	1
	38	18.5	1 NO	■ 3MT7038-2AA10-0A..	12675.-	1
			1 NC	■ 3MT7038-2AA01-0A..	12675.-	1
	40	18.5	1 NO	■ 3MT7040-2AA10-0A..	13175.-	1
			1 NC	■ 3MT7040-2AA01-0A..	13175.-	1
3	40	18.5	1NO + 1NC	■ 3MT7040-3AA11-0A..	14655.-	1
	50	22	1NO + 1NC	■ 3MT7050-3AA11-0A..	18540.-	1
	65	30	1NO + 1NC	■ 3MT7065-3AA11-0A..	24175.-	1
4	80	37	1NO + 1NC	■ 3MT7080-4AA11-0A..	37270.-	1
	95	45	1NO + 1NC	■ 3MT7095-4AA11-0A..	38220.-	1
5	120	55	-	■ 3MT7120-5AA00-0A..**	44640.-	1
	140	75	-	■ 3MT7140-5AA00-0A..**	57550.-	1
6	170	90	-	■ 3MT7170-6AA00-0A..**	77555.-	1
	205	110	-	■ 3MT7205-6AA00-0A..**	88265.-	1
7	250	132	-	■ 3MT7250-7AA00-0A..**	106080.-	1
	300	160	-	■ 3MT7300-7AA00-0A..**	127980.-	1
8	400	200	-	■ 3MT7400-8AA00-0A..**	159790.-	1



Auxiliary Contactors

Operational current AC-15 at 230V	Auxiliary contacts		Type ^s	Unit LP ₹	Std. pkg. (nos.)
	NO	NC			
6	4	-	■ 3MH7040-1A..0	2615.-	1
6	3	1	■ 3MH7031-1A..0		1
6	2	2	■ 3MH7022-1A..0		1

\$ Please enter coil codes from table below

** Please select the required Contact Blocks from table in page 39

Coil code (AC)

Frequency	Coil Codes			
	24V	110V	230V	415V
50/60Hz	C2	■ F2	■ L2	R2 [†]

#not available for Size 5, 6, 7 & 8 contactors - Please use R0 for 415V 50Hz

Please contact nearest sales office for other coil voltages

Accessories: 3MT7 and 3MH7 Contactors

Auxiliary Contact Blocks

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

For Contactor	Auxiliary Contact	Type	Unit LP ₹	Std. pkg. (nos.)
for snapping onto the front				
3MT7006 - 3MT7095 & 3MH7	1 NO	3MH7910-OCT10	445.-	1
	1 NC	3MH7901-OCT10	445.-	1
	2 NO	3MH7920-OCT10	800.-	1
	1 NO + 1 NC	3MH7911-OCT10	800.-	1
	2 NC	3MH7902-OCT10	800.-	1
	4 NO	3MH7940-OCT10	1455.-	1
	3 NO + 1 NC	3MH7931-OCT10	1455.-	1
	2 NO + 2 NC	3MH7922-OCT10	1455.-	1
	1 NO + 3 NC	3MH7913-OCT10	1455.-	1
	4 NC	3MH7904-OCT10	1455.-	1
First Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7006 - 3MT7095	2 NO	3MH7920-OCL10	1695.-	1
	1NO + 1NC	3MH7911-OCL10	1695.-	1
3MT7120 - 3MT7400	1NO + 1NC	3MH79110CL21	2050.-	1
Second Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7120 - 3MT7400	1NO + 1NC	3MH79110CL22	2050.-	1

Pneumatic timer

For Contactor	Function	Timing Seconds	Type	Unit LP ₹	Std. pkg. (nos.)
3MT7006 - 3MT7095	ON delay (Auxiliary Contact: 1NO+1NC)	0.1-3	3MT7900-OPN10	6330.-	1
		0.1-30	3MT7900-OPN20	6330.-	1
		10-180	3MT7900-OPN30	6330.-	1
	OFF delay	0.1-3	3MT7900-OPF10	6690.-	1
		0.1-30	3MT7900-OPF20	6690.-	1
		10-180	3MT7900-OPF30	6690.-	1



Surge Suppressor

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

Rated Control supply Voltage (Us) AC	Type	Unit LP ₹	Std. pkg. (nos.)
Surge suppressor (RC unit) for 3MT7006 - 3MT7095 & 3MH7			
24-48V	3MT7900-1SC21	1270.-	1
110-240V	3MT7900-1SL21	1270.-	1
380-440V	3MT7900-1SV21	1640.-	1
Surge suppressor (Varistor) for 3MT7120 - 3MT7400			
Less than 48V	3MT7900-2SC22	1755.-	10
48 - 127V	3MT7900-2SF22	1755.-	10
127 - 240V	3MT7900-2SL22	1755.-	10
240 - 400V	3MT7900-2SV02	1865.-	10
400 - 600V	3MT7900-2SR02	1865.-	10

Interlock

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Interlock			
3MT7006 - 3MT7040 (Size 0,1,2)	3MT7900-1XM01	1420.-	1
3MT7040 - 3MT7065 (Size 3)	3MT7900-1XM02	3165.-	1
3MT7080 - 3MT7095 (Size 4)	3MT7900-1XM03	4280.-	1
3MT7120 - 3MT7140 (Size 5)	3MT7900-1XM04	9150.-	1
3MT7170 - 3MT205 (Size 6)	3MT7900-1XM05	10470.-	1
3MT7250 - 3MT7300 (Size 7)	3MT7900-1XM06	12600.-	1
3MT7400 (Size 8)	3MT7900-1XM07	13465.-	1
3MT7120 - 3MT7205 (Size 5 / Size 6)	3MT7900-1XM45	10470.-	1
3MT7170 - 3MT300 (Size 6 / Size 7)	3MT7900-1XM56	12600.-	1
Electro-mechanical Interlock			
3MT7006 - 3MT7040 (Size 0, 1, 2)	3MT7900-1XE01	1550.-	1
3MT7040 - 3MT7065 (Size 3)	3MT7900-1XE02	3345.-	1
3MT7080 - 3MT7095 (Size 4)	3MT7900-1XE03	4545.-	1

Spares: 3MT7 Contactors

Spare top housing

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	3MT7906-0HA10	2465.-	1
			1 NC	3MT7906-0HA01	2465.-	1
	9	4	1 NO	3MT7910-0HA10	2550.-	1
			1 NC	3MT7910-0HA01	2550.-	1
	12	5.5	1 NO	3MT7912-0HA10	2730.-	1
			1 NC	3MT7912-0HA01	2730.-	1
1	18	7.5	1 NO	3MT7918-1HA10	2915.-	1
			1 NC	3MT7918-1HA01	2915.-	1
	22	11	1 NO	3MT7922-1HA10	3115.-	1
			1 NC	3MT7922-1HA01	3115.-	1
2	25	11	1 NO	3MT7925-2HA10	3555.-	1
			1 NC	3MT7925-2HA01	3555.-	1
	32	15	1 NO	3MT7932-2HA10	6915.-	1
			1 NC	3MT7932-2HA01	6915.-	1
	38	18.5	1 NO	3MT7938-2HA10	10005.-	1
			1 NC	3MT7938-2HA01	10005.-	1
40	18.5	1 NO	3MT7940-2HA10	10915.-	1	
		1 NC	3MT7940-2HA01	10915.-	1	
3	40	18.5	1NO + 1NC	3MT7940-3HA11	11820.-	1
	50	22	1NO + 1NC	3MT7950-3HA11	13015.-	1
	65	30	1NO + 1NC	3MT7965-3HA11	14300.-	1
4	80	37	1NO + 1NC	3MT7980-4HA11	20375.-	1
	95	45	1NO + 1NC	3MT7995-4HA11	23840.-	1

Spare contact kit

Main contact kits for Size 5, 6, 7, 8 contactors (Set of 6 fixed & 3 moving contacts)

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
5	120	55	-	3MT7912-0KA00	24180.-	1
	140	75	-	3MT7914-0KA00	30420.-	1
6	170	90	-	3MT7917-0KA00	38225.-	1
	205	110	-	3MT7920-5KA00	40775.-	1
7	250	132	-	3MT7925-0KA00	49055.-	1
	300	160	-	3MT7930-0KA00	57675.-	1
8	400	200	-	3MT7940-0KA00	76320.-	1

Spare Coil

For Contactor (AC3 Rating)	Type ^s	Unit LP ₹	Std. pkg. (nos.)
3MT7006 - 3MT7022	3MT79000L..1	1600.-	1
3MT7025 - 3MT7040	3MT79000L..2	2775.-	1
3MT7040 - 3MT7095	3MT79000L..3	4465.-	1
3MT7120 - 3MT7140	3MT79000L..5	6930.-	1
3MT7170 - 3MT7205	3MT79000L..6	8790.-	1
3MT7250 - 3MT7300	3MT79000L..7	10620.-	1
3MT7400	3MT79000L..8	15425.-	1

Coil code (AC)

\$ Please enter coil codes from table below

Frequency	Coil Codes			
	24V	110V	230V	415V
50/60Hz	C2	■ F2	■ L2	R2 [#]

#not available for Size 5, 6, 7 & 8 contactors - Please use R0 for 415V 50Hz

Please contact nearest sales office for other coil voltages

3MU7 – Thermal overload relays

NEW



For contactor mounting - Class 10 - Screw Terminals

Size	For Contactor	Current Range	Type	Unit LP ₹	Std. pkg. (nos.)	
1	3MT7006 - 3MT7040 Size 0, 1, 2	0.10 - 0.16	■ 3MU7110-0AA0	4130.-	1	
		0.16 - 0.25	■ 3MU7110-0BA0		1	
		0.25 - 0.40	■ 3MU7110-0CA0		1	
		0.40 - 0.63	■ 3MU7110-0DA0		1	
		0.63 - 1	■ 3MU7110-0EA0		1	
		1 - 1.6	■ 3MU7110-0FA0		1	
		1.25 - 2	■ 3MU7110-0GA0		1	
		1.6 - 2.5	■ 3MU7110-0HA0		1	
		2.5 - 4	■ 3MU7110-0JA0		1	
		4 - 6	■ 3MU7110-0KA0		1	
		5.5 - 8	■ 3MU7110-0LA0		1	
	7 - 10	■ 3MU7110-0MA0	4230.-	1		
	9 - 13	■ 3MU7110-0NA0		1		
		3MT7018 - 3MT7040 Size 1, 2	12 - 18	■ 3MU7110-0PA0	4290.-	1
17 - 25			■ 3MU7110-0QA0	4755.-	1	
2	3MT7025 - 3MT7040 Size 2	23 - 32	■ 3MU7210-1AA0	7270.-	1	
		28 - 36	■ 3MU7210-1BA0	7490.-	1	
3	3MT7040 - 3MT7095 Size 3, 4	23 - 32	■ 3MU7310-2AA0		7830.-	1
		30 - 40	■ 3MU7310-2BA0	1		
		37 - 50	■ 3MU7310-2CA0	9575.-		1
		48 - 65	■ 3MU7310-2DA0	12595.-		1
	3MT7080 - 3MT7095 Size 4	55 - 70	■ 3MU7310-2EA0		1	
		63 - 80	■ 3MU7310-2FA0	1		
80 - 93	■ 3MU7310-2GA0	1				

For independent mounting - Class 10 A - Screw Terminals

Size	Current Range	Type	Unit LP ₹	Std. pkg. (nos.)
4	85 - 135A	■ 3MU7410-3AA1	18005.-	1
	115 - 180A	■ 3MU7410-3BA1	22700.-	1
	160 - 250A	■ 3MU7410-3CA1	27500.-	1
	200 - 320A	■ 3MU7410-3DA1	27790.-	1
	250 - 400A	■ 3MU7410-3EA1	31075.-	1
5	312 - 500A	■ 3MU7510-4AA1	35990.-	1

Accessories	Size	Type	Unit LP ₹	Std. pkg. (nos.)
Relay stand-alone installation kit	Size 1	■ 3MU7900-0MA10	1065.-	1
	Size 2	■ 3MU7900-0MA20	1350.-	1
	Size 3	■ 3MU7900-0MA30	2820.-	1
Relay setting dial sealing cover	Size 1, 2, 3	■ 3MU7900-0CA00	405.-	1

Note: Accessories shown are only applicable to 3MU71, 3MU72 and 3MU73.



SINOPLUS 3MT7

Capacitor Duty Contactors

Reliable Switching

SIEMENS

3MT7 Capacitor Duty Contactors

NEW



Comprehensive Range

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



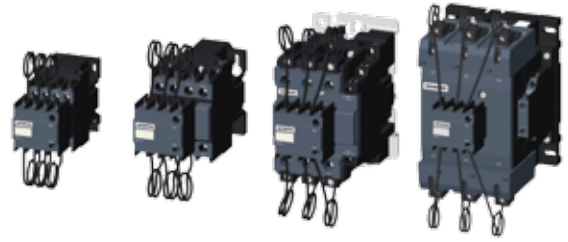
Reliable

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



Safe

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



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	4055.-	1NC	3MT70002JA016A..	4055.-	1
NEW 5kvar	1NO	3MT70005JA106A..	4490.-	1NC	3MT70005JA016A..	4490.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	4945.-	2NC	3MT70007JA026A..	4945.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	6155.-	2NC	3MT70010JA026A..	6155.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	6290.-	2NC	3MT70012JA026A..	6290.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	8330.-	2NC	3MT70016JA026A..	8330.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	9265.-	2NC	3MT70020JA026A..	9265.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	10620.-	2NC	3MT70025JA026A..	10620.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	16095.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	25980.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	30415.-				1
60kvar	1NO+2NC	3MT70060JA126A..	32325.-				1
80kvar	1NO+2NC	3MT70080JA126A..	39680.-				1
100kvar	1NO+2NC	3MT70100JA126A..	41240.-				1

@ Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

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

Coil for Contactors 80 and 100 kvar

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

Spares for 3MT7 Contactors

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

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



Designed

with



Application

in



Mind

Explore 3TS range of
Contactors

SIEMENS

Power Contactors



3TS Contactor

Rating Ie (AC-3) 415 V, 50 Hz	Built-in aux contacts	Coil voltage AC, 50 Hz	Type	Unit LP ₹	Std. pkg. (nos.)
9 A	1 NO	110 V	3TS30 10-0AF0-08K	2725.-	1
	1 NO	230 V	3TS30 10-0AP0-08K		1
	1 NO	415 V	3TS30 10-0AR0-08K		1
	1 NC	110 V	3TS30 01-0AF0-08K		1
	1 NC	230 V	3TS30 01-0AP0-08K		1
	1 NC	415 V	3TS30 01-0AR0-08K		1
12 A	1 NO	110 V	3TS31 10-0AF0-08K	3005.-	1
	1 NO	230 V	3TS31 10-0AP0-08K		1
	1 NO	415 V	3TS31 10-0AR0-08K		1
	1 NC	110 V	3TS31 01-0AF0-08K		1
	1 NC	230 V	3TS31 01-0AP0-08K		1
	1 NC	415 V	3TS31 01-0AR0-08K		1
18 A	1 NO	110 V	3TS32 10-0AF0-08K	3370.-	1
	1 NO	230 V	3TS32 10-0AP0-08K		1
	1 NO	415 V	3TS32 10-0AR0-08K		1
	1 NC	110 V	3TS32 01-0AF0-08K		1
	1 NC	230 V	3TS32 01-0AP0-08K		1
	1 NC	415 V	3TS32 01-0AR0-08K		1
25 A	–	110 V	3TS33 00-0AF0-08K	4320.-	1
	–	230 V	3TS33 00-0AP0-08K		1
	–	415 V	3TS33 00-0AR0-08K		1

Rating Ie (AC-3) 415 V, 50 Hz	Built-in aux contacts	Coil voltage AC, 50 Hz	Type	Unit LP ₹	Std. pkg. (nos.)
32 A	–	110 V	3TS34 00-0AF0-08K	9525.-	1
	–	230 V	3TS34 00-0AP0-08K		1
	–	415 V	3TS34 00-0AR0-08K		1
40 A	–	110 V	3TS35 00-0AF0-08K	13815.-	1
	–	230 V	3TS35 00-0AP0-08K		1
	–	415 V	3TS35 00-0AR0-08K		1
50 A	–	110 V	3TS36 00-0AF0-08K	19155.-	1
	–	230 V	3TS36 00-0AP0-08K		1
	–	415 V	3TS36 00-0AR0-08K		1
	–	415 V	3TS36 00-0AR0-08K		1
65 A	2NO+2NC	110 V	3TS47 22-0AF0-08K	27195.-	1
	2NO+2NC	230 V	3TS47 22-0AP0-08K		1
	2NO+2NC	415 V	3TS47 22-0AR0-08K		1
75 A	2NO+2NC	110 V	3TS48 22-0AF0-08K	35400.-	1
	2NO+2NC	230 V	3TS48 22-0AP0-08K		1
	2NO+2NC	415 V	3TS48 22-0AR0-08K		1
	2NO+2NC	415 V	3TS48 22-0AR0-08K		1
85 A	2NO+2NC	110 V	3TS49 22-0AF0-08K	41415.-	1
	2NO+2NC	230 V	3TS49 22-0AP0-08K		1
	2NO+2NC	415 V	3TS49 22-0AR0-08K		1
105 A	2NO+2NC	110 V	3TS50 22-0AF0-08K	50025.-	1
	2NO+2NC	230 V	3TS50 22-0AP0-08K		1
	2NO+2NC	415 V	3TS50 22-0AR0-08K		1
	2NO+2NC	415 V	3TS50 22-0AR0-08K		1

Spares and Accessories

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std.pkg. (nos.)
3TS30 to 36	1NO	■ 3TX4 010-2A	500.-	10
	1NC	■ 3TX4 001-2A	500.-	10
	1NO (Extd)	■ 3TX4 010-4A	775.-	10
	1NC (Extd)	■ 3TX4 001-4A	775.-	10
3TS47 to 50	Second 1NO+1NC Left	■ 3TY7 561-1KA00 8K	2105.-	1
	Second 1NO+1NC Right			

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS33	Spare main contact kits	3TS91 33-00 8K	2520.-	1
3TS34		3TS91 34-00 8K	3475.-	1
3TS35		3TS91 35-00 8K	6660.-	1
3TS36		3TS91 36-00 8K	9145.-	1
3TS47		3TS91 47-00 8K	9790.-	1
3TS48		3TS91 48-00 8K	14295.-	1
3TS49		3TS91 49-00 8K	19150.-	1
3TS50		3TS91 50-00 8K	25610.-	1

For higher ratings please get in touch with your sales office

Coil voltage		Type	Unit LP ₹	Std. pkg. (nos.)
AC	DC			
Surge suppressor (varistor) for 3TS30-36				
24 - 48 V	24 - 70 V	■ 3TX7 402-3GY1	1430.-	10
48 - 127V	70 - 150V	■ 3TX7 402-3HY1	1430.-	10
127 - 240V	150 - 250V	■ 3TX7 402-3JY1	1430.-	10
240 - 400V	—	3TX7 402-3KY1	1840.-	10
400 - 600V	—	3TX7 402-3LY1	1840.-	10
Surge suppressor (varistor) for 3TS47-50				
Less than 48V	24 - 70V	■ 3TX7 462-3GY1	1965.-	10
48 - 127V	70 - 150V	■ 3TX7 462-3HY1	1965.-	10
127 - 240V	150 - 250V	■ 3TX7 462-3JY1	1965.-	10
240 - 400V	—	3TX7 462-3KY1	2080.-	10
400 - 600V	—	3TX7 462-3LY1	2080.-	10
Surge suppressor (RC unit) for 3TS30-36				
24 - 48 V	24 - 70 V	3TX7 402-3RY2	2280.-	10
48 - 127V	70 - 150V	3TX7 402-3SY2		10
127 - 240V	150 - 250V	3TX7 402-3TY2		10
240 - 400V	—	3TX7 402-3UY2		10
400 - 600V	—	3TX7 402-3VY2		10

**Interlocking kit for two 3TS contactors
(inclusive of base plate and interlocking mechanism)**

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TS30 - 3TS36	■ 3TX4 091-1A*	1580.-	10
3TS47 - 3TS48	■ 3TX7 466-1YA0	5595.-	2
3TS49 - 3TS50	■ 3TX7 486-1YA0	9120.-	2

* W/o base plate (not required)

AC coils (50 Hz) spare coils

For contactor	Type†	Unit LP ₹	Std. pkg. (nos.)
		For 110/230/415V 50Hz	
3TS30 - 3TS34	■ 3TY7 403-0A..	1800.-	1
3TS35 - 3TS36	■ 3TY7 443-0A..	2215.-	1
3TS47 - 3TS48	■ 3TY7 463-0A..	3845.-	1
3TS49 - 3TS50	■ 3TY7 483-0A..	7015.-	1

AC 50Hz coil code: 3TS30 to 3TS50

Coil voltage (V)	■ 110	■ 230	■ 415
Code	F0	P0	R0

Spare arc chamber

Contactor rating	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS47	Spare arc chamber	3TS93 47-00 8K	2650.-	1
3TS48		3TS93 48-00 8K	3235.-	1
3TS49		3TS93 49-00 8K	4670.-	1
3TS50		3TS93 50-00 8K	5445.-	1

Individual mounting accessory

For relay type	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3US50 00	Accessory for individual mounting	3US91 50-008K	1155.-	1
3US52 00		3US91 52-008K	1205.-	1
3US55 00		3US91 55-008K	1450.-	1
3US56 00		3US91 56-008K	1450.-	1
3US58 00		3US91 58-008K	1530.-	1

For higher ratings please get in touch with your sales office



Thermal overload relay

Relay group	Recommended contactor	Current range	Type	Unit LP ₹	Std. pkg. (nos.)
3US50 00	3TS30 3TS31 3TS32	0.8 - 1.25	3US50 00-0K8K	4490.-	1
		1.0 - 1.6	3US50 00-1A8K	4490.-	1
		1.6 - 2.5	3US50 00-1C8K	4490.-	1
		2.5 - 4.0	3US50 00-1E8K	4490.-	1
		4.0 - 6.3	3US50 00-1G8K	4505.-	1
		6.3 - 10	3US50 00-1J8K	4600.-	1
		8 - 12.5	3US50 00-1K8K	4600.-	1
		10 - 16	3US50 00-2S8K	4650.-	1
		12.5 - 18	3US50 00-2B8K	4650.-	1
3US52 00	3TS33 3TS34	12.5 - 20	3US52 00-2B8K	5170.-	1
		16 - 25	3US52 00-2C8K	5170.-	1
3US55 00		25 - 32	3US55 00-2D8K	7890.-	1
3US56 00	3TS35 3TS36	20 - 32	3US56 00-2D8K	8125.-	1
		25 - 36	3US56 00-2Q8K	8125.-	1
		32 - 40	3US56 00-2R8K	8500.-	1
		36 - 45	3US56 00-8M8K	8500.-	1
3US58 00	3TS47 3TS48 3TS49 3TS50	40 - 57	3US58 00-2T8K	10925.-	1
		50 - 63	3US58 00-2P8K	13665.-	1
		57 - 70	3US58 00-2V8K	13665.-	1
		63 - 80	3US58 00-2U8K	13665.-	1
		70 - 95	3US58 00-8Y8K	13665.-	1
		85 - 105	3US58 00-5C8K	14505.-	1

Accessories for birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Resetting plunger funnel	3US5	3UX10 11 3UX10 13	525.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3US5	3UX10 15 3UX10 16	725.-	5 5
Protection cover	3US5	3UX11 10 1YA 3UX11 11 1YA	615.-	10 10

3TS Converter duty Contactors

Features

- Offers one of the highest AC-1 rating in given size
- Arc chamber interlock
- SIGUT Termination technique
- Compact Dimensions
- Screw mounting
- Double break parallel bridge auxiliary contacts

Applications

- VFD, Soft Starters applications
- UPS
- Solar and Wind inverters
- Resistive loads
- Battery charging
- Neutral switching



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil		
		Type	Unit LP ₹	Std. pkg. (nos.)
3	100	3TS4822-0A..1-8K	22040.-	1
4	145	3TS5022-0A..1-8K	38395.-	1
6	200	3TS5122-0A..1-8K	51700.-	1
6	225	3TS5222-0A..1-8K	59970.-	1
8	275	3TS5322-0A..1-8K	85205.-	1
8	325	3TS5422-0A..1-8K	96325.-	1
10	400	3TS5522-0A..1-8K	108975.-	1
12	525	3TS5622-0A..1-8K	149190.-	1

* for 3TS48-3TF56

Code	AC Coil (50Hz)	
	F0	P0
Coil voltage (V)	110	230

3TS 2 Pole Contactors

Benefits:

- Ease of wiring (can avoid use of lugs)
- Operator Safety (contactor cannot be switched-on if arc chamber is not fitted properly)
- Flexible mounting
- Space saving
- Unmatched contact reliability (ensures reliable contact at low voltage & low currents)

Standards:

3TS contactors conform to IS 13947 and IEC 60947. They also carry CE mark.

Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting



Rated current (A) Ie AC3 upto 415V	Auxiliary contacts	Type [#]	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	1950.-	1
12	1NO	3TS3110-0A..2-8K	2170.-	1
18	1NO	3TS3210-0A..2-8K	2515.-	1
25	-	3TS3300-0A..2-8K	3115.-	1
32	-	3TS3400-0A..2-8K	6850.-	1
40	-	3TS3500-0A..2-8K	9780.-	1
50	-	3TS3600-0A..2-8K	12440.-	1
65	2NO+2NC	3TS4722-0A..2-8K	18690.-	1
75	2NO+2NC	3TS4822-0A..2-8K	22040.-	1
85	2NO+2NC	3TS4922-0A..2-8K	25655.-	1
105	2NO+2NC	3TS5022-0A..2-8K	33790.-	1
140	2NO+2NC	3TS5122-0A..2-8K	41065.-	1
160	2NO+2NC	3TS5222-0A..2-8K	55845.-	1
205	2NO+2NC	3TS5322-0A..2-8K	61530.-	1
250	2NO+2NC	3TS5422-0A..2-8K	70650.-	1
300	2NO+2NC	3TS5522-0A..2-8K	89145.-	1
400	2NO+2NC	3TS5622-0A..2-8K	115300.-	1

#Coil voltage (V AC 50Hz)	110 V AC	230 V AC	415V AC
Code	F0	P0	R0

Spares for 3TS Contactors

Convertor Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
3TS48	Spare main contact kits	3TS9148-01-8K	13330.-	1
3TS50		3TS9150-01-8K	23775.-	1
3TS51		3TS9151-01-8K	32340.-	1
3TS52		3TS9152-01-8K	36160.-	1
3TS53		3TS9153-01-8K	51335.-	1
3TS54		3TS9154-01-8K	57055.-	1
3TS55		3TS9155-01-8K	62760.-	1
3TS56		3TS9156-01-8K	83695.-	1

Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	3845.-
3TS50	3TY7483-0A..	7015.-
3TS51/52	3TY7503-0A..	7145.-
3TS53/54	3TY7523-0A..	9050.-
3TS55	3TY7543-0A..	10950.-
3TS56	3TY7563-0A..	15905.-



3TS 4 Pole Contactors for Power Applications




Contactor Size	Rated current I _e (A) AC1 at 415V	AC Coil ¹⁾	Unit LP ₹		DC Coil ¹⁾	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	3125.-		3TS3100-0B..4-8K	6190.-	
Size 0	25A	3TS3200-0A..4-8K	3300.-		3TS3200-0B..4-8K	7015.-	
Size 1	35A	3TS3300-0A..4-8K	3720.-		3TS3300-0B..4-8K	7995.-	
Size 1	40A	3TS3400-0A..4-8K	4900.-		3TS3400-0B..4-8K	11825.-	
Size 2	45A	3TS3500-0A..4-8K	5740.-	7040.-	3TS3500-0B..4-8K		13615.-
Size 2	50A	3TS3600-0A..4-8K	6370.-	7725.-	3TS3600-0B..4-8K		17255.-
Size 2	65A	3TS3700-0A..4-8K	12495.-	13900.-	3TS3700-0B..4-8K		24275.-
Size 2	65A*	3TS3700-0A..4-8KA0	14105.-	15490.-	3TS3700-0B..4-8KA0		27840.-

1) Please add coil voltage code from table below

* 50A AC-3 rating

Size 0 & 1	Standard Coil				
	AC (50 Hz)			DC	
Code	F7	M7	R7	B4	E4
Coil Voltages	87...127 V	175...240 V	337...427 V	24 V	52..55V DC

Size 2	Standard Coil			Electronic Coil 			
	AC (50 Hz)			AC (50 Hz)		DC	
Code	F0	P0	R0	F7	M7	B4	E4
Coil Voltages	110 V	230 V	415 V	81...136 V	137...273 V	24 V	52..55V DC

Accessories

Auxiliary Contact Block			Mechanical Interlock		
Type	Unit LP ₹	Type	Unit LP ₹		
1 NO	3TX40 10-2A	500.-	Size 0 and Size 1	3TX4091-1A	1580.-
1 NC	3TX40 01-2A	500.-	S2	3TX4091-1A + 3TX4091-1G**	1580.-
				415.-	

Surge Suppressor		Coil Voltage		Varistors		RC Element	
		AC	DC	Type	Unit LP ₹	Type	Unit LP ₹
Size 0, Size 1 and Size 2	Standard Coil	24 - 48 V	24 - 70 V	3TX7402-3GY1	1430.-	3TX7402-3RY2	2280.-
		48 - 127V	70 - 150V	3TX7402-3HY1	1430.-	3TX7402-3SY2	
		127 - 240V	150 - 250V	3TX7402-3JY1	1430.-	3TX7402-3TY2	
		240 - 400V	-	3TX7402-3KY1	1840.-	3TX7402-3UY2	
Size 2	Electronic Coil	81-273V AC				3TX7402-3PY2	
			24-55V			3TX7402-3QY2	

**Used only when the contactors are DIN rail mounted. Refer catalog for more details

Main Contact Kits (set of 8 fixed and 4 moving contacts)

Contactor Size	Rated current Ie (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	3TS9133-0E	3185.-
Size 1	40A	3TS3400	3TS9134-0E	4500.-
Size 2	45A	3TS3500	3TS9135-0E	6835.-
Size 2	50A	3TS3600	3TS9136-0E	8055.-
Size 2	65A	3TS3700	3TS9137-0E	8065.-
Size 2	65A*	3TS3700	3TS9137-0A	11680.-

* 50A AC-3 rating

Spare Coils

Contactor Size	Type ²⁾	Unit LP ₹	Type ²⁾	Unit LP ₹
	AC		DC	
Size 0	3TS9231-0A..4-8K	1865.-	3TS9231-0B..4-8K	2545.-
Size 1	3TS9233-0A..4-8K	2000.-	3TS9233-0B..4-8K	2660.-
Size 2	3TS9235-0A..4-8K (Standard)	2215.-		
Size 2	3TS9235-0A..4-8K (Electronic)	3215.-	3TS9235-0B..4-8K (Electronic)	3810.-

2) Please add voltage code from table in page no 48



3TS Single Pole LED Contactors

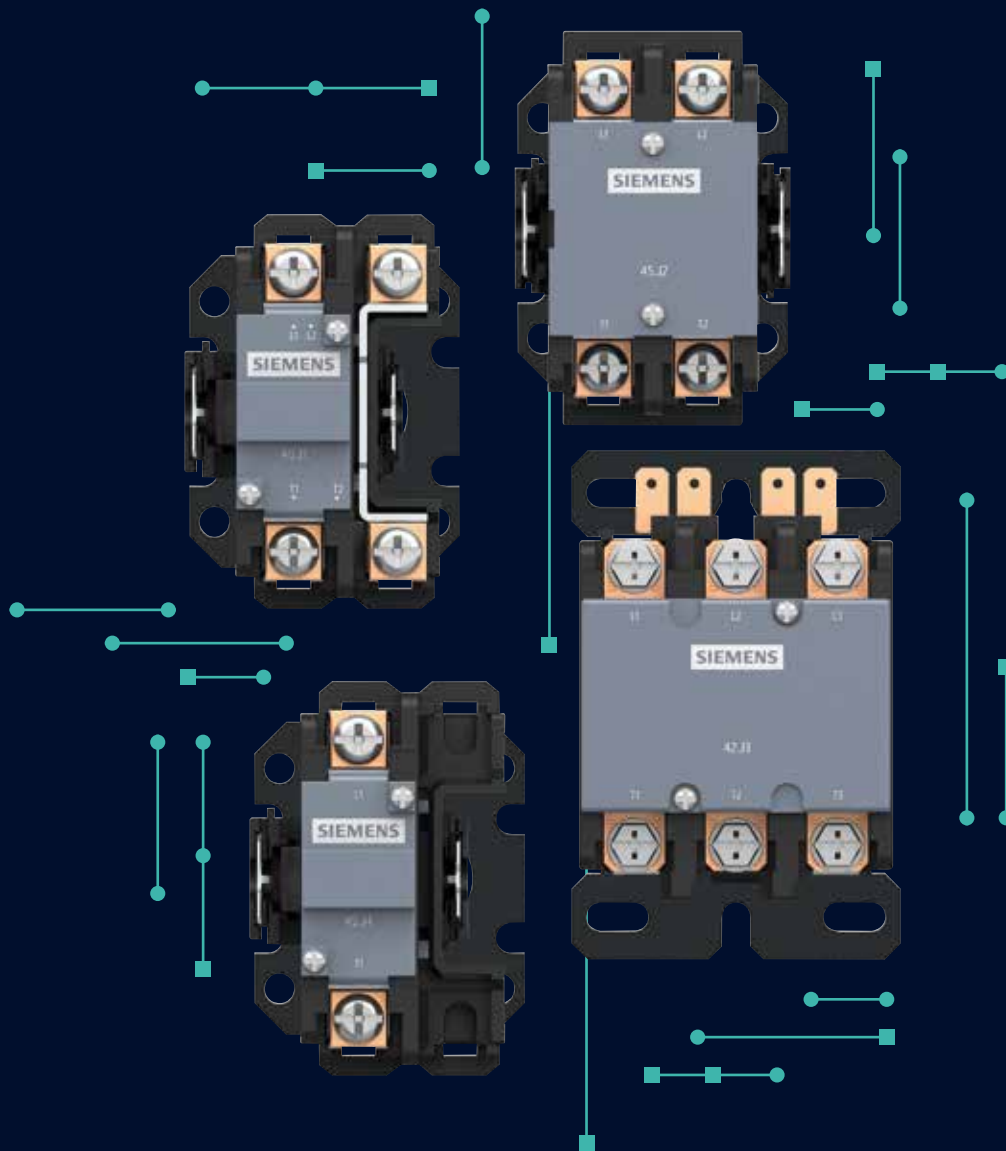
Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

Available in
4000W - 3TS3210-0AM71-8K
8000W - 3TS3310-0AM71-8K

Price on request



Definite Purpose Contactors 45.J & 42.J



SIEMENS

Definite Purpose Contactors – 42.J & 45.J

Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	2040.-	1
	30A ■	45DJ10A_B	45DJ10A_C	2105.-	1
	40A	45EJ10A_B	45EJ10A_C	2175.-	1
1 Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1925.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1990.-	1
	40A	45EJ40A_B	45EJ40A_C	2065.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
2 Pole	20A ■	45BJ20A_D	45BJ20A_E	2445.-	1
	30A ■	45DJ20A_D	45DJ20A_E	2470.-	1
	40A ■	45EJ20A_D	45EJ20A_E	2545.-	1



Ordering data	AC 8a rating	Box with lug dual quick connect	Hex screw dual quick connect	Unit MRP ₹	Std pkg (nos)
3 Pole	20A	42BJ35A_D	42BJ35A_E	3145.-	1
	25A	42CJ35A_D	42CJ35A_E	3195.-	1
	30A	42DJ35A_D	42DJ35A_E	3225.-	1
	40A ■	42EJ35A_D	42EJ35A_E	3295.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	3895.-	1
	25A	42CJ36A_D	42CJ36A_E	3940.-	1
	30A	42DJ36A_D	42DJ36A_E	3965.-	1
	40A ■	42EJ36A_D	42EJ36A_E	4045.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	595.-	1
2 Pole contactor	75J29A_	720.-	1
3 Pole contactor	75J39A_	815.-	1

Please add coil code from table below

Coil Code	J	F	G	L	H	E	P
Voltage	24V AC, 50/60 Hz	120V AC, 60 Hz	240V AC, 50/60 Hz	277V AC, 60 Hz	480V AC, 60 Hz	145-180V AC, 50 Hz (available only for 1P & 2P versions)	170-240V AC, 50 Hz available for 1P & 2P

■ Standard material



Continuing the Legacy...

3VS Motor Protection Circuit Breakers

MPCBs for motor protection

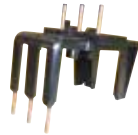


Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	8280.-	3VS1300-1MB00	9925.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00	9640.-	3VS1300-1MD00	10025.-	1
0.4 - 0.6	3VS1300-0ME00		3VS1300-1ME00		1
0.6 - 1	3VS1300-0MF00	9715.-	3VS1300-1MF00	11725.-	1
1 - 1.6	3VS1300-0MG00		3VS1300-1MG00		1
1.6 - 2.4	3VS1300-0MH00	10165.-	3VS1300-1MH00	11840.-	1
2 - 3.2	3VS1300-0NH00		3VS1300-1NH00		1
2.4 - 4	3VS1300-0MJ00	10265.-	3VS1300-1MJ00	11940.-	1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00	11790.-	3VS1300-1MK00	12065.-	1
5 - 8	3VS1300-0NK00		3VS1300-1NK00		1
6 - 10	3VS1300-0ML00	12345.-	3VS1300-1ML00	13240.-	1
8 - 13	3VS1300-0NL00	12575.-	3VS1300-1NL00	13850.-	1
10 - 16	3VS1300-0MM00	14030.-	3VS1300-1MM00	14115.-	1
14 - 20	3VS1300-0MN00		3VS1300-1MN00	15065.-	1
18 - 25	3VS1300-0MP00		3VS1300-1MP00		1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	2575.-	1
Short-circuit signaling switch	1 NO + 1 NC	■ 3VU9131-7AA00	2970.-	1

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ 3VU9133-Z [®]	6645.- 7080.-	1
		■ 3VU9163-Z [®]		1
Front drive for 3VS	Fixed coupler	■ 8UC616 [®]	1950.-	1



3TS-3VS Connector

MPCB		Contactor		Type of Connector	Unit LP ₹	Std. pkg. (nos.)
Type	Current	Type Rating	AC3 Current Rating			
3VS13	0.16 to 20A	3TS30 / 31 / 32	9 / 12 A	3TS9001-8K	735.-	1
3VS13	6 to 25A	3TS33 / 34	16 / 22A	3TS9002-8K	885.-	1

@ 1 set available with breaker operator kit and 8UC front drive together

MRP



■ Stock items

Please order in multiples of standard packing.

Timing and Monitoring Relays



Features and Benefits

- Two sizes for the entire range 17.5mm & 35mm width
- The entire range is suitable for DIN rail mounting
- Variant with digital display
- Auto / Manual reset



Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)

7UG0 monitoring relays

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered 3Ph-3W	7UG0712-1AA20	2650.-	1
	Self powered 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	6210.-	1
	Self powered 3Ph-3W, 3Ph-4W	7UG0818-1CA20	5685.-	1
Voltage Monitoring relay	Self powered 3Ph-3W	7UG0753-1AA20	4520.-	1
Current Monitoring relay	230 V AC 1Ph-2W	7UG0822-1AD20	7005.-	1
	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	8945.-	1
	230 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	8515.-	1
Earth leakage relay	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	9440.-	1
	230 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	9535.-	1
CBCT for ELR	35mm	7UG09-96	3430.-	1
	70mm	7UG09-97	3925.-	1
	120mm	7UG09-99	6690.-	1
	210mm	7UG0 994*	12860.-	1
	310mm	7UG0 995*	19170.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W	7UG0861-1BU20	9755.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P	7UG09910	3365.-	1
	Core Balance CT 160 frame, 4P	7UG09911	3840.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P	7UG09912	4065.-	1
	Core Balance CT 250 frame, 4P	7UG09913	4790.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P	7UG09914	5995.-	1
	Core Balance CT 630 frame, 4P	7UG09915	6490.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	35670.-	1
	12 Stage with LCD display	7UG0572-1GT20	38210.-	1
	12 stage with LED display	7UG0572-1GT21	21845.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output	7UG0 480-1IU20	7160.-	1
Water level controller relay	110-240V AC/DC Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	3700.-	1
Sensor for water level controller relay	Pack of 3 sensor	7UG0985-0YY00	1110.-	1
Thermistor protection relay	110-240V AC/DC	7UG0881-1BU20	4310.-	1

7PV0 timers

Description		Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC	7PV0712-1AD20	2620.-	1
Multifunction timer with digital display	20-240V AC/DC	7PV0732-1AV20	5145.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	7PV0723-1AZ20	3430.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ



Features and Benefits

- LED status indicator as a standard feature - allows personnel to see the relay status in dark conditions
- Mechanical indicators - allow personnel to see relay status under normal light or bright conditions
- Easy grip cover - adds to the ease of removing the relay from the socket
- Removable I.D. (identification) label- allows for easy identification
- Wide operating voltage range
- DIN rail / PCB mounting – Quick & Easy Installation










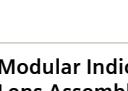

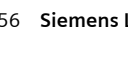
Relay	Standard Features	Control supply voltage* (V)	Type	Unit LP ₹	Std. pkg. (nos.)
1CO					
	6A 5 pin	DC	24	7RQ0100-0AC00	605.- 10
			48	7RQ0100-0AD00	805.- 10
			110	7RQ0100-0AE00	1090.- 10
	• Mechanical Flag • LED indicator • Free wheeling diode	AC	24	7RQ0100-0AM10	765.- 10
			48	7RQ0100-0AN10	1090.- 10
			110	7RQ0100-0AP10	1135.- 10
230	7RQ0100-0AR10	1160.- 10			
2CO					
	6A 8 pin	DC	24	7RQ0100-0BC00	830.- 10
			48	7RQ0100-0BD00	995.- 10
			110	7RQ0100-0BE00	1075.- 10
	• Mechanical Flag • LED indicator • Free wheeling diode	AC	24	7RQ0100-0BM10	970.- 10
			48	7RQ0100-0BN10	1075.- 10
			110	7RQ0100-0BP10	1100.- 10
230	7RQ0100-0BR10	1120.- 10			
2CO					
	10A 8 pin	DC	24	7RQ0110-0BC00	1075.- 10
			48	7RQ0110-0BD00	1315.- 10
			110	7RQ0110-0BE00	1425.- 10
	• LED indicator	AC	24	7RQ0110-0BM00	1285.- 10
			48	7RQ0110-0BN00	1445.- 10
			110	7RQ0110-0BP00	1425.- 10
230	7RQ0110-0BR00	1480.- 10			
3CO					
	10A 11 pin	DC	24	7RQ0100-0CC00	1375.- 10
			48	7RQ0100-0CD00	1445.- 10
			110	7RQ0100-0CE00	1680.- 10
	• LED indicator	AC	24	7RQ0100-0CM00	1460.- 10
			48	7RQ0100-0CN00	1540.- 10
			110	7RQ0100-0CP00	1650.- 10
230	7RQ0100-0CR00	1680.- 10			
4CO					
	5A 14 pin	DC	24	7RQ0100-0DC00	1265.- 10
			48	7RQ0100-0DD00	1325.- 10
			110	7RQ0100-0DE00	1500.- 10
	• LED indicator	AC	24	7RQ0100-0DM00	1315.- 10
			48	7RQ0100-0DN00	1340.- 10
			110	7RQ0100-0DP00	1460.- 10
230	7RQ0100-0DR00	1480.- 10			

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
10A	PCB mounted	7RQ0202-1AX00	210.-	10
	Din rail mounting	7RQ0201-1AX00	365.-	10
2CO				
6A	PCB mounted	7RQ0202-1BX00	210.-	10
	Din rail mounting	7RQ0201-1BX00	475.-	10
2CO				
10A	PCB mounted	7RQ0212-1BX00	250.-	10
	Din rail mounting	7RQ0211-1BX00	610.-	10
3CO				
10A	Din rail mounting	7RQ0201-1CX00	830.-	10
4CO				
7A	PCB mounted	7RQ0202-1DX00	330.-	10
	Din rail mounting	7RQ0201-1DX00	585.-	10

* Control supply voltage available upon request: DC: 6V, 12 & AC: 6V, 12V, 115V


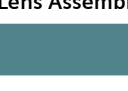
Indicating Lamps 3SB5

Compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)			
	24 V AC/DC 50/60 Hz	Red	3SB5285-6HC01	570.-	10			
		Green	3SB5285-6HE01		10			
		Amber	3SB5285-6HL01		10			
			30V DC ®	Blue	3SB5285-6HF01	1430.-	10	
				White	3SB5285-6HG01	570.-	10	
				Yellow	3SB5285-6HD01		10	
					110 V AC 50/60 Hz	Clear	3SB5285-6HH01	570.-
Red	3SB5285-6HC13					635.-	10	
Green	3SB5285-6HE13						10	
	110 V DC®					Amber	3SB5285-6HL13	1640.-
		Blue	3SB5285-6HF13			635.-	10	
		White	3SB5285-6HG13				10	
			220/240 V AC 50/60 Hz			Yellow	3SB5285-6HD13	570.-
				Clear	3SB5285-6HH13	635.-	10	
				Red	3SB5285-6HC02		570.-	
					110 V DC®	Green		3SB5285-6HE02
Amber	3SB5285-6HL02					1430.-	10	
Blue	3SB5285-6HF02						10	
	220 V DC®					White	3SB5285-6HG02	570.-
		Yellow	3SB5285-6HD02			635.-	10	
		Clear	3SB5285-6HH02				10	
			220 V DC®			Red	3SB5285-6HC04	635.-
				Green	3SB5285-6HE04	1640.-	10	
				Amber	3SB5285-6HL04		10	
					220 V DC®	Blue	3SB5285-6HF04	1640.-
White	3SB5285-6HG04					635.-	10	
Yellow	3SB5285-6HD04						10	
	220 V DC®					Clear	3SB5285-6HH04	635.-
		Red	3SB5285-6HC03			570.-	10	
		Green	3SB5285-6HE03				10	
			220 V DC®			Amber	3SB5285-6HL03	1430.-
				Blue	3SB5285-6HF03	570.-	10	
				White	3SB5285-6HG03		10	
					220 V DC®	Yellow	3SB5285-6HD03	570.-
Clear	3SB5285-6HH03					635.-	10	
Red	3SB5285-6HC05						635.-	
	220 V DC®					Green		3SB5285-6HE05
		Amber	3SB5285-6HL05			1640.-	10	
		Blue	3SB5285-6HF05				10	
			220 V DC®			White	3SB5285-6HG05	635.-
				Yellow	3SB5285-6HD05	635.-	10	
				Clear	3SB5285-6HH05		10	


Now also available in 415V - Prices on request

Wide band compact LED indicating lamps


	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)		
	24 to 240 V AC & 24 to 220 V DC	Red	3SB5235-6HC14	950.-	10		
		Green	3SB5235-6HE14		10		
		Amber	3SB5235-6HL14		10		
			24 to 220 V DC	Blue	3SB5235-6HF14	1625.-	10
				White	3SB5235-6HG14	950.-	10
				Yellow	3SB5235-6HD14	10	
				Clear	3SB5235-6HH14	1260.-	10

Modular Indicating Lamps (with plastic front ring)

Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	3SB5201-6BC00	190.-	10
	Green	3SB5201-6BE00		10
	Amber	3SB5201-6BL00		10
	Blue	3SB5201-6BF00		10
	White	3SB5201-6BG00		10
	Yellow	3SB5201-6BD00		10
	Clear	3SB5201-6BH00		10

Illumination Module[§] - (suitable for INTEGRATED LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)	
	24 V AC/DC 50/60 Hz	Red	3SB5400-7CC	495.-	10	
		Green	3SB5400-7CE	495.-	10	
		Amber	3SB5400-7CL	495.-	10	
		Blue	3SB5400-7CF	1575.-	10	
		White†	3SB5400-7CG	495.-	10	
		Yellow	3SB5400-7CD	495.-	10	
		110 V AC 50/60 Hz	Red	3SB5400-7EC	495.-	10
			Green	3SB5400-7EE	495.-	10
			Amber	3SB5400-7EL	495.-	10
			Blue	3SB5400-7EF	1575.-	10
			White†	3SB5400-7EG	495.-	10
			Yellow	3SB5400-7ED	495.-	10
	110 V DC®	Red	3SB5400-7DC	495.-	10	
		Green	3SB5400-7DE	495.-	10	
		Amber	3SB5400-7DL	495.-	10	
		Blue	3SB5400-7DF	1575.-	10	
		White†	3SB5400-7DG	495.-	10	
		Yellow	3SB5400-7DD	495.-	10	
	230 V AC 50/60 Hz	Red	3SB5400-7TC	495.-	10	
		Green	3SB5400-7TE	495.-	10	
		Amber	3SB5400-7TL	495.-	10	
		Blue	3SB5400-7TF	1575.-	10	
		White†	3SB5400-7TG	495.-	10	
		Yellow	3SB5400-7TD	495.-	10	
220 V DC®	Red	3SB5400-7HC	495.-	10		
	Green	3SB5400-7HE	495.-	10		
	Amber	3SB5400-7HL	495.-	10		
	Blue	3SB5400-7HF	1575.-	10		
	White†	3SB5400-7HG	495.-	10		
	Yellow	3SB5400-7HD	495.-	10		







@ Use of bridge rectified DC source (filtered O/P) recommended
 † Can be used with clear lens.
 § Illumination module can be used with lens assembly, illuminated push buttons & illuminated selector actuators.
 ■ Stock items

Push buttons


Modular Push button actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Opaque actuator (with holder for contact block)				
	Normal	Red ■ 3SB5000-0AC01	170.-	10
		Green ■ 3SB5000-0AE01		
		Blue ■ 3SB5000-0AF01		
		White ■ 3SB5000-0AG01		
		Yellow ■ 3SB5000-0AD01		
	Black ■ 3SB5000-0AB01			
	Raised	Red ■ 3SB5000-0LC01	195.-	10
		Green ■ 3SB5000-0LE01		
		Blue ■ 3SB5000-0LF01		
		White ■ 3SB5000-0LG01		
		Yellow ■ 3SB5000-0LD01		
		Black ■ 3SB5000-0LB01		
Illuminated actuator (with holder for contact block)				
	Normal	Red ■ 3SB5001-0AC01-0PQ0	220.-	10
		Green ■ 3SB5001-0AE01-0PQ0		
		Amber ■ 3SB5001-0AL01-0PQ0		
		Blue ■ 3SB5001-0AF01-0PQ0		
		White ■ 3SB5001-0AG01-0PQ0		
		Yellow ■ 3SB5001-0AD01-0PQ0		
		Clear ■ 3SB5001-0AH01-0PQ0		
	Raised	Red ■ 3SB5218-0LC01-0PQ0	230.-	10
		Green ■ 3SB5218-0LE01-0PQ0		
		Amber ■ 3SB5218-0LL01-0PQ0		
		Blue ■ 3SB5218-0LF01-0PQ0		
		White ■ 3SB5218-0LG01-0PQ0		
		Yellow ■ 3SB5218-0LD01-0PQ0		
		Clear ■ 3SB5218-0LH01-0PQ0		

Modular Selector Actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position opaque selector actuator (with holder for contact block)				
	Maintained	Black ■ 3SB5000-2AB01	585.-	10
		Red ■ 3SB5000-2AC01		
	Momentary	Black ■ 3SB5000-2BB01		
		Red ■ 3SB5000-2BC01		
3 position opaque selector actuator (with holder for contact block)				
	Maintained	Black ■ 3SB5000-2DB01	595.-	10
		Red ■ 3SB5000-2DC01		
	Momentary	Black ■ 3SB5000-2EB01		
		Red ■ 3SB5000-2EC01		
2 position illuminated selector actuator (with holder for contact block)				
	Maintained	Red ■ 3SB5001-2AC01	570.-	10
		Green ■ 3SB5001-2AE01		
		Blue ■ 3SB5001-2AF01		
		Yellow ■ 3SB5001-2AD01		
		Clear ■ 3SB5001-2AH01		
	Momentary	Red ■ 3SB5001-2BC01		
		Green ■ 3SB5001-2BE01		
		Blue ■ 3SB5001-2BF01		
		Yellow ■ 3SB5001-2BD01		
		Clear ■ 3SB5001-2BH01		
3 position illuminated selector actuator (with holder for contact block)				
	Maintained	Red ■ 3SB5001-2DC01	600.-	10
		Green ■ 3SB5001-2DE01		
		Blue ■ 3SB5001-2DF01		
		Yellow ■ 3SB5001-2DD01		
		Clear ■ 3SB5001-2DH01		
	Momentary	Red ■ 3SB5001-2EC01		
		Green ■ 3SB5001-2EE01		
		Blue ■ 3SB5001-2EF01		
		Yellow ■ 3SB5001-2ED01		
		Clear ■ 3SB5001-2EH01		

Contact Blocks for Push button, Selector & Key Actuators

Description	Configuration	Type	Unit LP ₹	Std Pkg (nos.)
Contact blocks for rear mounting (for panel mounting)				
	1 NO	■ 3SB5400-0B	205.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A	385.-	10
	2 NO	■ 3SB5400-0E		10
	2 NC	■ 3SB5400-0F		10
				10

Mushroom Actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) (with holder for contact block)				
momentary	Black	3SB5000-1NB01	360.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	405.-	10










Mushroom Actuators (with plastic front ring) for Emergency Stop Specifications

NEW Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Enhanced Safety and Monitoring with MNCB				
Mushroom Actuator, E-Stop (40mm) with MNCB (1NC)	Red	3SB5204-0UC01	690.-	10
MNCB (Mounting Monitoring Contact Block, 1NC)		3SB5400-0M	330.-	10

MNCB should be assembled only on middle slot "5-6" of the holder

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) push to trip, turn to release with 1NC	Red	■ 3SB5203-0UC01	665.-	10
Mushroom actuator (40 mm ø) push to trip, turn to release	Red	3SB5000-0UC01	485.-	10
Mushroom actuator (40 mm ø) push to trip, key to release	Red	3SB5000-0TC01	2540.-	10





Modular key actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
2 position key actuator (with holder for contact block)				
Maintained		■ 3SB5000-4AC01	950.-	10
		3SB5000-4AA01		10
		3SB5000-4AB01		10
Momentary		■ 3SB5000-4TA01	950.-	10
		3SB5000-4TC01		10
3 position key actuator (with holder for contact block)				
Maintained		■ 3SB5000-4HA01	995.-	10
		3SB5000-4HC01		10
		3SB5000-4HB01		10
Momentary		■ 3SB5000-4JA01	950.-	10

* Key removable position

L - Left, R - Right, C - Centre, KL - Key at Left, KR - Key at Right, KC - Key at Centre

Twin Push Button Actuators

Description	Type	Unit LP ₹	Std Pkg (nos.)
Complete actuator with holder for contact block			
 Opaque with 1NO & 1NC	3SB5201-7EC01	725.-	10
 Illuminated with 1NO & 1NC	3SB5234-7EC01	765.-	10
Modular actuator with holder for contact block			
 Opaque	3SB5000-7EC01	350.-	10
 Illuminated	3SB5001-7EC01	365.-	10

■ Stock items

Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
Metal enclosure: Aluminum Die Cast				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-8AA3	2400.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	2580.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	3400.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	2975.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	3770.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	■ 3SB5803-8AH3	4220.-	1
Pendant mounting: Aluminum Die Cast				
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5822-8AC3	4050.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	■ 3SB5823-8AH3	5270.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-7AA3	1375.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-7AN3	1375.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-7AM3	1495.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-7AC3	1615.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-7AE3	1855.-	1
3	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	■ 3SB5804-7AG3	2045.-	1
Pendant mounting: Plastic				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5821-7AA3	2965.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5822-7AC3	3625.-	1
3	Normal opaque push button - Green with 1NO contact block, "FORWARD" + Normal opaque push button - Red with 1NC contact block, "STOP" + Normal opaque push button - Black with 1NO contact block, "REVERSE"	■ 3SB5823-7AH3	4740.-	1



Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	1000.-	1
2 way, Grey	3SB5802-0AC3	855.-	1
3 way, Grey	3SB5803-0AC3	870.-	1
4 way, Grey	3SB5804-0AC3	1910.-	1
6 way, Grey	3SB5806-0AC3	2660.-	1
1 way, Yellow	3SB5801-0AD3	1000.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	2025.-	1
2 way	3SB5802-4AC3	2200.-	1
3 way	3SB5803-4AC3	3060.-	1
Contact Block			
Contact block for base mounting, 1NO	■ 3SB54200B	205.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	205.-	10
Inscription Labels (set of 11 labels)			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	390.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	120.-	10

Accessories

Description	Type	Unit LP ₹	Std Pkg (nos.)
Inscription plates	START	■ 3SB5901-2EL	10
	STOP	■ 3SB5901-2EK	10
	ON	■ 3SB5901-2EB	10
	OFF	■ 3SB5901-2EC	10
	UP	3SB5901-2ED	10
	DOWN	3SB5901-2EE	10
	FORWARD	3SB5901-2EF	10
	SLOW	3SB5901-2ES	10
	FAST	3SB5901-2ER	10
	REVERSE	3SB5901-2EG	10
	BLANK	3SB5901-2AA	10
TRIP	3SB5901-2EA	10	
Thrust cap for Push Buttons (for actuating middle module)	■ 3SB5902-0AA	90.-	10
Thrust pad for Selector Actuators (for actuating middle module)	■ 3SB5912-0AN	90.-	10
Adaptor plate for replacing 30 mm PB by 22 mm	■ 3SB5921-0AE	90.-	10
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)	3SB5921-0AB	90.-	10
E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing	3SB5921-0AD	90.-	10
Protective Cap (IP-67) for	Normal	3SB5902-0AK	110.-
	Raised	3SB5902-0AN	
Metallic holder for front connection actuators (when used outside 3SB508 stations)	3SB5911-1AA	130.-	10

■ Stock items



3SE5 Position Switches

Modular design for all applications

Modular design with many standardized components


- Plug-in design and replacement of the actuator heads
- Exchangeable two and three pole contact blocks
- Turnable actuator heads around the axis in increments of 22.5°, with total 16 positions
- Quick-connect technology
- Optional LED Displays
- Communication Capable (AS-i Safe)

SIEMENS


Position Switches - 3SE5

NEW

Open Type 30mm



Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-OCC05-8K	1110.-	10
		Slow Action		3SE5250-OBC05-8K	1060.-	10

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-OLC05-8K	1720.-	10
		Slow Action	1NO + 2NC	3SE5250-OKC05-8K		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-OMC05-8K		10
		Slow action	2NO + 1 NC	3SE5250-OPC05-8K		10




Plastic enclosure: Enclosed type modular unit

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm (IP 65)		Snap Action	1NO + 1NC	3SE5232-OCC05-8K	1230.-	1
		Slow Action	1NO + 1NC	3SE5232-OBC05-8K	1200.-	1
		Snap Action	1NO + 2NC	3SE5232-OLC05-8K	1810.-	1
		Slow Action	1NO + 2NC	3SE5232-OKC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-OMC05-8K		1
		Slow Action	2NO + 1 NC	3SE5232-OPC05-8K		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-OCC05-8K	1325.-	1
		Slow Action	1NO + 1NC	3SE5242-OBC05-8K	1215.-	1
		Snap Action	1NO + 2NC	3SE5242-OLC05-8K	1960.-	1
		Slow Action	1NO + 2NC	3SE5242-OKC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-OMC05-8K		1
		Slow Action	2NO + 1 NC	3SE5242-OPC05-8K		1

Metal enclosure: Enclosed type modular unit IP 66/ IP 67

Basic switch

Width	Basic switch	Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
31mm		Snap Action	1NO + 1NC	3SE5212-OCC05-8K	1975.-	1
		Slow Action	1NO + 1NC	3SE5212-OBC05-8K	1790.-	1
		Snap Action	1NO + 2NC	3SE5212-OLC05-8K	2110.-	1
		Slow Action	1NO + 2NC	3SE5212-OKC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-OMC05-8K	2245.-	1
		Slow Action	2NO + 1 NC	3SE5212-OPC05-8K		1
40mm		Snap Action	1NO + 1NC	3SE5112-OCA00-8K	2125.-	1
		Slow Action	1NO + 1NC	3SE5112-OBA00-8K	1890.-	1
		Snap Action	1NO + 2NC	3SE5112-OLA00-8K	2300.-	1
		Slow Action	1NO + 2NC	3SE5112-OKA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-OMA00-8K	2410.-	1
		Slow Action	2NO + 1 NC	3SE5112-OPA00-8K		1
56mm		Snap Action	1NO + 1NC	3SE5122-OCA00-8K	2380.-	1
		Slow Action	1NO + 1NC	3SE5122-OBA00-8K	2175.-	1
		Snap Action	1NO + 2NC	3SE5122-OLA00-8K	3035.-	1
		Slow Action	1NO + 2NC	3SE5122-OKA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-OMA00-8K	3290.-	1
		Slow Action	2NO + 1 NC	3SE5122-OPA00-8K		1

Plastic Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD03-8K	450.-	5
Roller lever		3SE5000-0AE10-8K	230.-	5
Angular Roller lever		3SE5000-0AF10-8K	285.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	235.-	5
Twist Lever		3SE5000-0AA21-8K [#]	195.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K [#]	390.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58-8K [#]	585.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K [#]	435.-	5

Metal Roller Actuators heads for plastic 31mm & 50mm and Metal 31mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04-8K	505.-	5
Roller lever		3SE5000-0AE11-8K	350.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	235.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K [#]	455.-	5
Plain Plunger		3SE5000-0AB01-8K	650.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

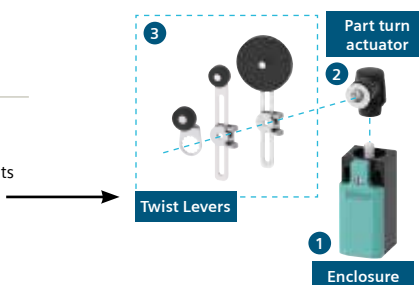
Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01-8K	330.-	5
Angular Roller lever		3SE5000-0AF01-8K	605.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	490.-	5
Twist Lever		3SE5000-0AA01-8K [#]	230.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K [#]	390.-	5
Fork type		3SE5000-0AT01-8K ^{\$}	285.-	5
Mounting Head for Fork Type		3SE5000-0AT10-8K	2510.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58-8K [#]	585.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K [#]	435.-	5

Metal Roller Actuators heads for metal 40mm and 56mm

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02-8K	405.-	5
Roller Plunger		3SE5000-0AD02-8K	620.-	5
Roller lever		3SE5000-0AE02-8K	555.-	5
Angular Roller lever		3SE5000-0AF02-8K	670.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	490.-	5
Twist Lever		3SE5000-0AA02-8K [#]	275.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K [#]	455.-	5

Notes:



1. The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
2. # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
3. \$ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10-8K



Spare and Accessories


Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05-8K	455.-	10



Spares for Open & enclosed switch

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Contact block		Slow action	1NO + 1NC	3SE5050-0BA00-8K*	945.-	10
		Snap action		3SE5050-0CA00-8K*		10
		Slow action		3SE5000-0BA00-8K		10
		Snap action		3SE5000-0CA00-8K		10
		Slow action	1NO + 2NC	3SE5000-0KA00-8K	1200.-	10
		Snap action		3SE5000-0LA00-8K		10
		Slow-action contacts with make-before-break	2NO + 1 NC	3SE5000-0MA00-8K	1250.-	10
		Slow action		3SE5000-0PA00-8K		10

Note: 3SE5000-0BA00-8K can be used only with enclosed type switch

* Suitable for Open execution

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Cable gland		Molded Plastic Cable Gland, M20X1.5	3SX9926	1790.-	5

Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05-8K	855.-	1
50MM			3SE5242-0AC05-8K	1250.-	1
31MM		Metal	3SE5212-0AC05-8K	1425.-	1
40MM			3SE5112-0AA00-8K	1720.-	1
56MM			3SE5122-0AA00-8K	1935.-	1

THE POWER OF **SIMPLICITY**

NEW

SINOPLUS 5TJ Miniature Circuit Breakers

IEC

Safe
Complies with
IEC standards



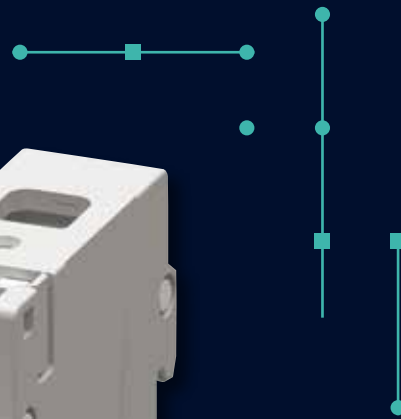
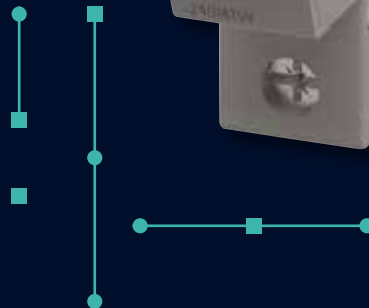
Comprehensive
range
For various
applications



Reliable
Siemens trusted
quality



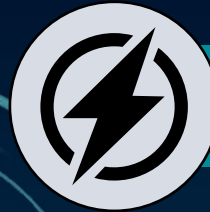
RoHS
compliance
Environmentally
friendly



SIEMENS

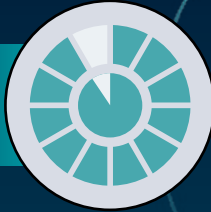
Betagard 5SL MCBs – Inspiring Safety

Terminal covers for protection



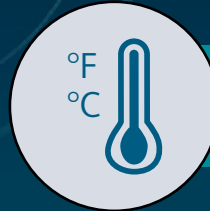
High Breaking capacity (Icn)

High Endurance Cycle



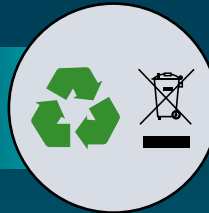
Very low watt loss

Ergonomic Handle for Identification



High ambient temperature

RoHS Compliant



With SLR

Unique SLR (Slide Latch-Release) feature for tool free removal from DIN rail allows individual MCB to be removed from bus bar mounted assembly without disturbing other devices

BIS approval for ISI marking as per latest IS/IEC 60898-1:2015 for assured quality and protection







Unique termination mechanism enables firm mounting of Bus bar together with wire; and provides front access to wires for safe installation

Betagard Miniature Circuit Breakers 5SL6, with C Characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)		
1P, 240/415V AC 	0.5	1	5SL61057RC	697.-	1/12		
	1		■ 5SL61017RC	697.-	1/12		
	2		5SL61027RC	697.-	1/12		
	3		5SL61037RC	697.-	1/12		
	4		■ 5SL61047RC	697.-	1/12		
	6		■ 5SL61067RC	432.-	1/12		
	8		5SL61087RC	432.-	1/12		
	10		■ 5SL61107RC	432.-	1/12		
	13		5SL61137RC	432.-	1/12		
	16		■ 5SL61167RC	432.-	1/12		
	20		■ 5SL61207RC	432.-	1/12		
	25		5SL61257RC	432.-	1/12		
	32		5SL61327RC	432.-	1/12		
	40		5SL61407RC	950.-	1/12		
	50		5SL61507RC	1093.-	1/12		
63	5SL61637RC	1093.-	1/12				
2P, 415V AC 	0.5	2	5SL62057RC	2062.-	1/6		
	1		5SL62017RC	2062.-	1/6		
	2		5SL62027RC	2062.-	1/6		
	3		5SL62037RC	2062.-	1/6		
	4		5SL62047RC	2062.-	1/6		
	6		■ 5SL62067RC	1543.-	1/6		
	8		5SL62087RC	1543.-	1/6		
	10		■ 5SL62107RC	1543.-	1/6		
	13		5SL62137RC	1543.-	1/6		
	16		5SL62167RC	1543.-	1/6		
	20		■ 5SL62207RC	1543.-	1/6		
	25		5SL62257RC	1543.-	1/6		
	32		5SL62327RC	1543.-	1/6		
	40		5SL62407RC	2165.-	1/6		
	50		5SL62507RC	2542.-	1/6		
63	5SL62637RC	2542.-	1/6				
3P, 415V AC 	0.5	3	5SL63057RC	2895.-	1/4		
	1		5SL63017RC	2895.-	1/4		
	2		5SL63027RC	2895.-	1/4		
	4		5SL63047RC	2895.-	1/4		
	6		■ 5SL63067RC	2317.-	1/4		
	10		■ 5SL63107RC	2317.-	1/4		
	16		■ 5SL63167RC	2317.-	1/4		
	20		5SL63207RC	2317.-	1/4		
	25		5SL63257RC	2317.-	1/4		
	32		■ 5SL63327RC	2317.-	1/4		
	40		■ 5SL63407RC	3243.-	1/4		
	50		5SL63507RC	3621.-	1/4		
	63		■ 5SL63637RC	3621.-	1/4		
	4P, 415V AC 		0.5	4	5SL64057RC	3996.-	1/3
			1		5SL64017RC	3996.-	1/3
2		5SL64027RC	3996.-		1/3		
4		5SL64047RC	3996.-		1/3		
6		5SL64067RC	3204.-		1/3		
10		5SL64107RC	3204.-		1/3		
16		5SL64167RC	3204.-		1/3		
20		5SL64207RC	3204.-		1/3		
25		5SL64257RC	3204.-		1/3		
32		5SL64327RC	3204.-		1/3		
40		■ 5SL64407RC	4140.-		1/3		
50		5SL64507RC	4793.-		1/3		
63		■ 5SL64637RC	4793.-		1/3		

■ Stock items

Note:

* MRP - Maximum Retail Price

1MW (Module Width) = 18mm





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

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact Sales Office for connection diagram)

Betagard Miniature Circuit Breakers 5SL4, with C characteristics



- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz^
- Breaking capacity: 10kA as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL41057RC	808.-	1/12
	2		■ 5SL41027RC	808.-	1/12
	3		5SL41037RC	808.-	1/12
	4		5SL41047RC	808.-	1/12
	6		■ 5SL41067RC	523.-	1/12
	8		5SL41087RC	523.-	1/12
	10		■ 5SL41107RC	523.-	1/12
	13		5SL41137RC	523.-	1/12
	16		■ 5SL41167RC	523.-	1/12
	20		■ 5SL41207RC	523.-	1/12
	25		5SL41257RC	523.-	1/12
	32		■ 5SL41327RC	523.-	1/12
	40		5SL41407RC	1140.-	1/12
	50		5SL41507RC	1174.-	1/12
63	5SL41637RC	1174.-	1/12		
2P, 415V AC 	0.5	2	5SL42057RC	2398.-	1/6
	2		■ 5SL42027RC	2398.-	1/6
	3		5SL42037RC	2398.-	1/6
	4		■ 5SL42047RC	2398.-	1/6
	6		■ 5SL42067RC	1719.-	1/6
	8		5SL42087RC	1719.-	1/6
	10		■ 5SL42107RC	1719.-	1/6
	13		5SL42137RC	1719.-	1/6
	16		■ 5SL42167RC	1719.-	1/6
	20		■ 5SL42207RC	1719.-	1/6
	25		5SL42257RC	1719.-	1/6
	32		5SL42327RC	1719.-	1/6
	40		5SL42407RC	2772.-	1/6
	50		5SL42507RC	2772.-	1/6
63	5SL42637RC	2772.-	1/6		
3P, 415V AC 	0.5	3	5SL43057RC	3874.-	1/4
	2		5SL43027RC	3874.-	1/4
	3		5SL43037RC	3874.-	1/4
	4		5SL43047RC	3874.-	1/4
	6		■ 5SL43067RC	2887.-	1/4
	8		5SL43087RC	2887.-	1/4
	10		■ 5SL43107RC	2887.-	1/4
	13		5SL43137RC	2887.-	1/4
	16		■ 5SL43167RC	2887.-	1/4
	20		■ 5SL43207RC	2887.-	1/4
	25		5SL43257RC	2887.-	1/4
	32		■ 5SL43327RC	2887.-	1/4
	40		5SL43407RC	4368.-	1/4
	50		5SL43507RC	4368.-	1/4
63	■ 5SL43637RC	4368.-	1/4		
4P, 415V AC 	0.5	4	5SL44057RC	4869.-	1/3
	2		5SL44027RC	4869.-	1/3
	3		5SL44037RC	4869.-	1/3
	4		5SL44047RC	4869.-	1/3
	6		5SL44067RC	3996.-	1/3
	8		5SL44087RC	3996.-	1/3
	10		5SL44107RC	3996.-	1/3
	13		5SL44137RC	3996.-	1/3
	16		5SL44167RC	3996.-	1/3
	20		5SL44207RC	3996.-	1/3
	25		5SL44257RC	3996.-	1/3
	32		■ 5SL44327RC	3996.-	1/3
	40		5SL44407RC	5451.-	1/3
	50		5SL44507RC	5451.-	1/3
63	■ 5SL44637RC	5451.-	1/3		

■ Stock items

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

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

^ Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact Sales Office for connection diagram)



Miniature Circuit Breakers

Betagard Residual Current Circuit Breakers 5SV



- Standards: IS 12640 (Part 1):2016/ IEC 61008-1:2012
- Voltage: 240/415VAC, 50Hz
- With ISI marking: CM/L No. 7676092

Type AC, applicable in networks for AC residual currents

		Rated residual current $I_{\Delta n}$ (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	5485.-	1
		100	25		5SV44120RC	6005.-	1
		300	25		5SV46120RC	6210.-	1
		30	40		■ 5SV43140RC	6430.-	1
		100	40		5SV44140RC	7040.-	1
		300	40		5SV46140RC	7310.-	1
		30	63		■ 5SV43160RC	8605.-	1
		100	63		5SV44160RC	9075.-	1
		300	63		5SV46160RC	9650.-	1
		30	80		5SV43170RC	13930.-	1
		100	80		5SV44170RC	14490.-	1
		300	80		5SV46170RC	14490.-	1
			4 Pole		30	25	4
100	25			5SV44420RC	7985.-	1	
300	25			5SV46420RC	8275.-	1	
30	40			■ 5SV43440RC	7790.-	1	
100	40			5SV44440RC	8090.-	1	
300	40			5SV46440RC	8405.-	1	
30	63			■ 5SV43460RC	9075.-	1	
100	63			5SV44460RC	9445.-	1	
300	63			5SV46460RC	9775.-	1	
30	80			5SV43470RC	13930.-	1	
100	80			5SV44470RC	14490.-	1	
300	80			5SV46470RC	14490.-	1	

■ Stock items







Note:

* MRP - Maximum Retail Price # 1MW (Module Width) = 18mm


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Betagard Accessories

Accessories for 5SL / 5SY / 5SP MCBs, 5TL Isolators, 5SV RCCBs, 5SM2 RC Units and 5SU1 RCBOs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Aux contact block (For 5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3010 ¹⁾	2300.-	12
	2NO	5ST3011 ¹⁾	2350.-	1
	2NC	5ST3012 ¹⁾	2350.-	1
	1CO	5ST3016 ¹⁾	3725.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3020 ¹⁾	3385.-	1
	2NO	5ST3021 ¹⁾	3440.-	1
	2NC	5ST3022 ¹⁾	3440.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	110...415V AC	5ST3030 ¹⁾	9495.-	1/5
	24...48V DC	5ST3031 ¹⁾	9495.-	1/5
	Auxiliary and fault signal changeover contact (5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)	5ST3062	10955.-	1
	Auxiliary switch - 1CO			
	Fault contact - 1CO			
	Undervoltage release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	With integrated aux. switch			
	230V AC	5ST3040 ¹⁾	12750.-	1/5
	110V DC	5ST3041 ¹⁾	12750.-	1/5
	24V DC	5ST3042 ¹⁾	12750.-	1/5
	Without integrated aux. switch			
230V AC	5ST3043 ¹⁾	12750.-	1/5	
110V DC	5ST3044 ¹⁾	12750.-	1/5	
24V DC	5ST3045 ¹⁾	12750.-	1/5	
	Remote control mechanism unit			
	Basic version for 5SL, 5SY, 5TL1 and 5SU1 (1P+N only)			
	(12-30)V AC & (12-48)V DC, 1.5MW	5ST3053	56870.-	1
	230V AC, 2MW	5ST3054	56870.-	1
	Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3055	96240.-	1
	230V AC, 2MW	5ST3056	96240.-	1
	Power version for 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3070	112290.-	1
	Auto Reclose Device Version for 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3057	92160.-	1
	230V AC, 2MW	5ST3058	108030.-	1
Adapter for Remote control mechanism				
(To be ordered along with 5ST305X basic unit)				
For 5SL - 1P & 2P, 5SV - 4P and 5SM2 - 2P	5ST38206	1200.-	1	
For 5SL - 3P & 4P and 5SM2 - 3P & 4P	5ST38207	1200.-	1	
For 5SY - 1P & 2P and For 5SU1 [^] - 2P, 4M	5ST38201	1200.-	1	
For 5SY - 3P & 4P and For 5SU1 [^] - 4P, 7M	5ST38202	1200.-	1	
For 5SU1 - 2P, 2M	5ST38205	1200.-	1	
[^] Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter	5ST38203	2615.-	1	
	Handle locking device			
	for 5SP and 5SY circuit breakers	5ST3801	1185.-	1
for padlock with max. 3mm shackle				
for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	1120.-	5	
	Pad locks			
	for 5ST3801 and 5ST3806 handle locking devices	5ST3802	760.-	5
	Handle connector for 2P, 2M 5SU1 RCBO ⁵	5ST38051	2360.-	1
	(1set = 5 units in poly bag)			

Betagard Rotary Handle Assembly

	Item Description	Reference No.	Unit MRP* ₹	Std. Pkg.** (Nos.)
	Rotary Handle Assembly for 5SY, 5SL, 5SP and 5TL1 series of MCBs/ Isolators ⁵⁵	5ST38140RC	4230.-	1

Note: * MRP - Maximum Retail Price # 1MW (Module Width) = 18mm

\$ For 2P, 2M RCBOs, the accessories can be used along with Handle connector only

\$\$ Not suitable for 1P variants 1) Suffix -ZI91 will be added for internal ordering

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



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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Surge Protection Devices

For protection of equipment against Lightning and Switching surges

- Standard: IEC 61643-11 / EN 61643-11
- Type 1, Type 2 and Photovoltaic surge protection
- With Remote signaling contact
- Integrated SPD health indicator

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage U_c : 350V



Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350 μ s)	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	34740.-
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	67625.-

Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	5680.-
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	16890.-

Surge Arresters for Photovoltaic application

On the DC side, over voltage protection is required for the inverters which can be ensured by using 5SD74836RC.

On the AC side, the over voltage protection can be ensured using surge arresters Type 2 (5SD7461-0RC/5SD7464-0RC)



Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20 μ s)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	9595.-

Note: Standard packing: 1 unit

*LP: List Price



Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 1: Lightning Surge Arresters

For TN-S/ TT system

Lightning arresters, Type 1 requirement class B, U_c 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display



5SD74121



5SD74141

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current $I_{mp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	5SD74121	125085.-
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	5SD74141	212185.-

For TN-C system

Lightning arresters, Type 1 requirement class B, U_c 350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems with remote display



5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current $I_{mp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	$\leq 1.5kV$	25kA/75kA	-	3P	5SD74131	165985.-

Type 2: Surge Arresters

For TN-S/ TT system

Surge arrester Type 2 requirement class C, U_c :350V/260V (L-N/N-PE) Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT AC systems

Rated Discharge Surge Current $I_n=20kA$ SC capacity with backup fuse=25kA



5SD74641



5SD7422-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Rated discharge current I_n (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	5SD74640	65765.-
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	5SD74641	48520.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	5SD74220	38130.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	5SD74221	42095.-

For TN-C system

Surge arrester Type 2 requirement class C, U_c :350V Pluggable protective modules 3-pole, 3+0 circuit for TNC systems



5SD7463-0

Rated voltage U_N	Backup fuse rating	Protection level U_p	Maximum discharge surge current I_{max}	Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE)N, 1P				
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	No	5SD74630	56240.-
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	Yes	5SD74631	58815.-

L - Line, N - Neutral, PE - Protective Earth

Note: Standard packing: 1unit

* LP : List Price

POR: Price On Request

Surge Protection Devices

For protection of equipment against Lightning and Switching surges

Type 3: Surge Arresters



Rated voltage	Rated current	Protection level	Rated discharge current	Pole	Reference No.	Unit LP* ₹
24V AC 34V DC	26A	0.65kV	1kA	2P	5SD74325	26665.-
120V AC 150V DC	26A	0.95kV	3kA	2P	5SD74326	29050.-
240V AC 240V DC	26A	1.5kV	3kA	2P	5SD74327	29830.-

Surge arresters for photovoltaic application

Due to the combination of three power varistors, the overvoltage protection required for the inverters is implemented on the DC side. On the AC side, the overvoltage protection can be ensured using surge arresters type 2 (5SD7422-/5SD7424-)



5SD74836

Rated voltage U_N	Rated discharge current	Protection level U_p	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
1000V DC	15kA	$\leq 3.5kV$	$\leq 5kA$	40kA	3P	No	5SD74836	9595.-

Replacement Plug



SPD Type	Type	Connection	Reference No.	Unit LP* ₹
5SD74121	Type 1	L-N	5SD74181	46800.-
5SD74131				
5SD74141				
5SD74121		N-PE	5SD74180	49055.-
5SD74131				
5SD74141				
5SD7463-0/1	Type 2	L-N	5SD74681	13745.-
5SD7464-0/1				
5SD7464-0/1				
5SD7422-0/1		N-PE	5SD74880	17240.-
5SD7422-0/1				
5SD7422-0/1				
5SD7422-0/1	PV	-	5SD74281	13745.-
5SD7422-0/1				
5SD7483-6			5SD74983	14175.-

* Also available Type 1+ Type 2 and Type 1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:

Standard packing: 1 unit

* LP - List Price

POR: Price On Request



Modular Devices

For efficient control and monitoring

- 7LF time switch - Digital and Analog timers for all applications; available in Mini, Top, Profi, Astro, Expert and Expert GPS variants
- 5TT5 insta contactors – For all control applications; also with Manual/Automatic switching indicator
- DIN mounted phase indicators, monitoring relays and measuring devices for final distribution circuits
- Twilight Switch for Automatic Street Light Control

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Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
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Insta Contactors

Standards: EN 60947-4-1, EN 60947-5-1



3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	40	3	5TT58410	19060.-	1/5
3NO+1NC contacts, 24V AC/24V DC (1NC contact rated for 30A)	40	3	5TT58412	19155.-	1/5
4NO contacts, 230V AC/220V DC	40	3	5TT58400	19210.-	1/5
4NO contacts, 24V AC/24V DC	40	3	5TT58402	19180.-	1/5
3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	63	3	5TT58510	29850.-	1/5
3NO+1NC contacts, 24V AC/24V DC, (1NC contact rated for 30A)	63	3	5TT58512	30395.-	1/5
4NO contacts, 230V AC/220V DC	63	3	5TT58500	24345.-	1/5
4NO contacts, 24V AC/24V DC	63	3	5TT58502	24395.-	1/5

Insta Contactors Manual / Automatic with Switching Indicator

Standards: IEC60947-4-1, IEC60947-5-1



4NO contacts, 400V AC	40	3	5TT58406	28220.-	1/5
4NO contacts, 400V AC	63	3	5TT58506	36975.-	1/5

Accessories

Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	8500.-	1/10
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Twilight switch



Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	79960.-	1
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Note:

* LP - List Price # 1MW (Module Width) = 18mm

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



Modular Devices




	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Voltage Relays						
Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 0.7-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC	4	2	5TT3402	POR	1
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N, short time failure detection with phase failure detection and N conductor monitoring, Switching thresholds 0.8-0.85xV, not adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3407	POR	1
	Voltage relay for over and undervoltage monitoring of 3 phases against N with asymmetry, reverse voltage and phase failure detection with N conductor monitoring and adj. Time delay of 0.1 to 20s, Switching thresholds: U/voltage 0.7-1.1xV, 4% hysteresis, adjustable, O/voltage 0.9-1.1xV, 4% hysteresis, adjustable; 2 C/O contacts, 230/400V AC	4	2	5TT3408	POR	1
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	5TE5802	7770.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	7390.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1985.-	1/10
Power ON Indicator (Economy Version) 230 V AC, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	4635.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	5890.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	2565.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	2565.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	2565.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	2565.-	5
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC	4	2	5TT3170	POR	1

Note:

* LP - List Price # 1MW (Module Width) = 18mm POR: Price On Request

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

Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230V AC	16	1	7LF45015	18030.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	22080.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	42275.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	39380.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	50935.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	39705.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	66370.-	1
Time Switches (Mechanical) Standards: EN 60730-1						
 7LF53005	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	7LF53011	24430.-	1
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53005	13485.-	1
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53016	25950.-	1
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53050	28390.-	1
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53010	16000.-	1
Accessories for Digital Time Switches						
	USB adapter and software			7LF49410	65350.-	1
	Data key profi, astro			7LF49411	6655.-	1

Note:

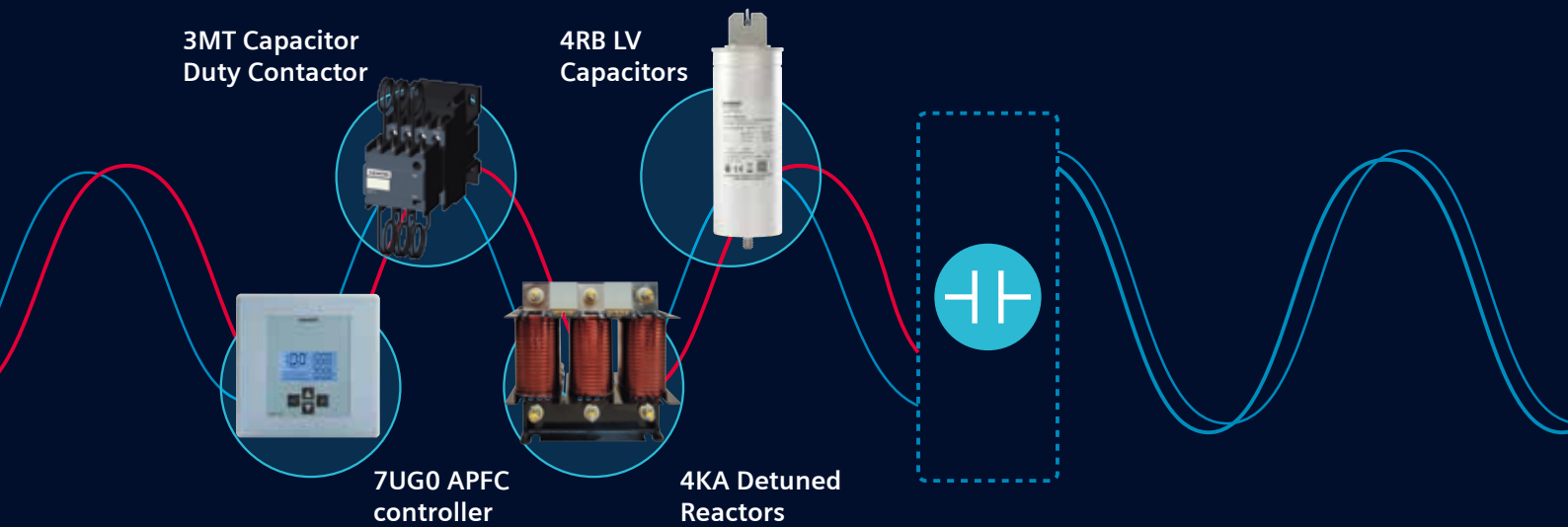
* LP - List Price

1MW (Module Width) = 18mm

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Power Factor Correction



SIECAP™ LV Power Capacitors

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

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



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

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

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

Power Factor Correction



Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors

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

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



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

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

Power Factor Correction



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Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors



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

- High pulse current withstand capability (upto 500.I_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	8605.-	1
	6.3	4RB1063-3EB50-8K	10735.-	1
	7.5	4RB1075-3EB50-8K	12785.-	1
	10.4	4RB1104-3EB50-8K	11825.-	1
	12.5	4RB1125-3EB50-8K	14005.-	1
	15	4RB1150-3EB50-8K	16810.-	1
	20	4RB1200-3EB50-8K	22420.-	1
	25	4RB1250-3EB50-8K	28020.-	1
	28.1	4RB1281-3EB50-8K	31470.-	1
	30	4RB1300-3EB50-8K	33620.-	1
440	5	4RB1050-3EE50-8K	8370.-	1
	7.5	4RB1075-3EE50-8K	12725.-	1
	10	4RB1100-3EE50-8K	11375.-	1
	10.4	4RB1104-3EE50-8K	11825.-	1
	12.5	4RB1125-3EE50-8K	14005.-	1
	15	4RB1150-3EE50-8K	16810.-	1
	16.7	4RB1167-3EE50-8K	18715.-	1
	20	4RB1200-3EE50-8K	22420.-	1
	25	4RB1250-3EE50-8K	28020.-	1
	28.1	4RB1281-3EE50-8K	31470.-	1
480	5	4RB1050-3EJ50-8K	8935.-	1
	6.3	4RB1063-3EJ50-8K	10680.-	1
	8.3	4RB1083-3EJ50-8K	10375.-	1
	10.4	4RB1104-3EJ50-8K	11435.-	1
	11	4RB1111-3EJ50-8K	12780.-	1
	12.5	4RB1125-3EJ50-8K	14510.-	1
	13.8	4RB1138-3EJ50-8K	16030.-	1
	15	4RB1150-3EJ50-8K	17420.-	1
	16.7	4RB1167-3EJ50-8K	19375.-	1
	18.7	4RB1187-3EJ50-8K	21700.-	1

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

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Std. Pkg. = 1 unit

* LP - List Price

Harmonics filter

Detuned reactor

Features

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

Copper Detuned Reactors

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

Std. Pkg. = 1 unit

* LP - List Price

Aluminium Detuned Reactors

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

Power Factor Correction



3MT7 Capacitor Duty Contactors

NEW



Comprehensive Range

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



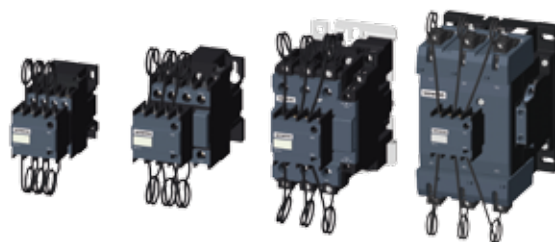
Reliable

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



Safe

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



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	4055.-	1NC	3MT70002JA016A..	4055.-	1
NEW 5kvar	1NO	3MT70005JA106A..	4490.-	1NC	3MT70005JA016A..	4490.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	4945.-	2NC	3MT70007JA026A..	4945.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	6155.-	2NC	3MT70010JA026A..	6155.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	6290.-	2NC	3MT70012JA026A..	6290.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	8330.-	2NC	3MT70016JA026A..	8330.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	9265.-	2NC	3MT70020JA026A..	9265.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	10620.-	2NC	3MT70025JA026A..	10620.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	16095.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	25980.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	30415.-				1
60kvar	1NO+2NC	3MT70060JA126A..	32325.-				1
80kvar	1NO+2NC	3MT70080JA126A..	39680.-				1
100kvar	1NO+2NC	3MT70100JA126A..	41240.-				1

Please enter coil codes from table below

Coil for Contactors 2.5 to 60 kvar

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

Coil for Contactors 80 and 100 kvar

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

Spares for 3MT7 Contactors

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

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

Automatic Power Factor Correction Relay (APFC relay)

Features

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



7UG0572-1GT20

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

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

Available till stocks last

3TS Capacitor duty Contactors

Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type [†]	Unit LP ₹	Built-in aux. contacts	Type [†]	Unit LP ₹	Std. pkg. (nos.)
5 kvar	1 NO	3TS2110-0A..5-8K [†]	5020.-				
7 kvar	1 NO	3TS1110-0A..5-8K [†]	5515.-				
10 kvar	-	3TS2200-0A..5-8K [†]	5995.-	1NO+1NC	3TS2211-0A..5-8K	6875.-	1
12.5 kvar	-	3TS1200-0A..5-8K [†]	6145.-	1NO+1NC	3TS1211-0A..5-8K	7020.-	1
16 kvar	-	3TS1300-0A..5-8K [†]	8445.-	1NO+1NC	3TS1311-0A..5-8K	9305.-	1
20 kvar	-	3TS1400-0A..5-8K [†]	9515.-	1NO+1NC	3TS1411-0A..5-8K	10350.-	1
25 kvar	-	3TS1500-0A..5-8K [†]	10980.-	1NO+1NC	3TS1511-0A..5-8K	11865.-	1
30 kvar	-	3TS2500-0A..5-8K [†]	17100.-	1NO+1NC	3TS2511-0A..5-8K	17990.-	1
40 kvar	2 NO + 2 NC	3TS2722-0A..5-8K	29025.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	33980.-				



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

3TS Capacitor Duty Spares

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

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

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	1800.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar				
20 kvar		3TY74430A..	2215.-	1
25 kvar				
30 kvar				
40 kvar				
50 kvar				

* For coil, refer above table

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	3TX4010-2A	500.-	10
	1NC	3TX4001-2A	500.-	10

Pre-charge resistor + Contact block kit

Contactor kVAr	Description	Type	Unit LP ₹	Std. pkg. (nos.)
10 kvar	Pre-charge resistor + early making contact block kit + main contacts kit	3TS9762-0SX15-8K	4300.-	1
12.5 kvar		3TS9762-0SX15-8K		1
16 kvar		3TS9763-0SX15-8K	6390.-	1
20 kvar		3TS9764-0SX15-8K	7205.-	1
25 kvar		3TS9765-0SX15-8K	8475.-	1
30 kvar		3TS9765-0SX15-8K		1
40 kvar		3TS9765-0SX15-8K	21795.-	1
50 kvar		3TS9767-0SX15-8K		1

Note: Pre-charge resistor + early making contact block kit + main contacts should be replaced simultaneously

Betagard Isolators 5TL1

- Standard: IS/IEC 60947-3
- Voltage: 440V AC

		Rated Current I_n (A)	MW [#]	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2-pole	40	2	5TL12400 5TL12630 5TL12800 5TL12910 5TL12920	POR	1/1
		63				1/1
		80				1/1
		100				1/1
		125				1/1
	3-pole	40	3	5TL13400 5TL13630 5TL13800 5TL13910 5TL13920	POR	1/1
		63				1/1
		80				1/1
		100				1/1
		125				1/1
	4-pole	40	4	5TL14400 5TL14630 5TL14800 5TL14910 5TL14920	POR	1/1
		63				1/1
		80				1/1
		100				1/1
		125				1/1

Discontinued

MPCBs for motor protection - 3VS16

Overload release range A	Type (w/o aux. contact)	Type (with 1NO+1NC)	Std. pkg. (nos)
6 - 10	3VS1600-0ML00	3VS1600-1ML00	1
10 - 16	3VS1600-0MM00	3VS1600-1MM00	1
16 - 25	3VS1600-0MN00	3VS1600-1MN00	1
22 - 32	3VS1600-0MP00	3VS1600-1MP00	1
28 - 40	3VS1600-0MQ00	3VS1600-1MQ00	1
36 - 52	3VS1600-0MR00	3VS1600-1MR00	1

7UG0 monitoring relays

Description	Voltage	Type
Speed monitoring relays	110-240V AC/DC	7UG0583-1CU20

3TS Converter duty Contactors

Contactor Size	Rated current I _e (A) AC1 at 415V	AC Coil
		Type
12	630	3TS5722-0C..1-8K*

Spares for 3TS Contactors

Converter Duty

Main contact kits (set of 6 fixed & 3 moving contacts)

Contactor rating	Description	Type*
3TS57	Spare main contact kits	3TS9157-01-8K

Spare coils

	AC Coil
3TS57	3TY7573-0C..

for 3TS57

AC 50/60Hz	Coil voltage (V)	110-132	220-240
	Code	F7	M7

* 3TS57 - Suitable for AC-1 applications. For frequency converter applications refer to the nearest Siemens office

Modular Devices

Reference No.	Reference No.	Reference No.
5TE8161 5TE8162 5TE8142	5TT58000 5TT58006 5TT58016	5TT58306

Accessories for 3VS

Description	Version	Type
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	3VU9132-0AB55 3VU9132-0AB50 3VU9132-0AB73
Three-phase busbar for 3VS13 only	In feed terminal (63 A)	3VU9135-1BB01
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00
Three-phase busbar for 3VS13 only	busbars for 2 MPCBs	3VU9135-1AB02
	busbars for 3 MPCBs	3VU9135-1AB03
	busbars for 4 MPCBs	3VU9135-1AB04
	busbars for 5 MPCBs	3VU9135-1AB05



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