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# SINOPLUS Low Voltage Electrical Products

Price List w.e.f. 1<sup>st</sup> December 2025

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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: LSING<sup>1)</sup> + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Withdrawable design with Guide Frame <sup>2)</sup>			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MDO	3WJ1108-2AF52-1AA0	278515.-	3WJ1108-2AF62-1AA0	367695.-
			EDO	3WJ1108-2AF52-4DA4	358750.-	3WJ1108-2AF62-4DA4	447930.-
		1000	MDO	3WJ1110-2AF52-1AA0	286345.-	3WJ1110-2AF62-1AA0	374415.-
			EDO	3WJ1110-2AF52-4DA4	366580.-	3WJ1110-2AF62-4DA4	454650.-
		1250	MDO	3WJ1112-2AF52-1AA0	319970.-	3WJ1112-2AF62-1AA0	382585.-
			EDO	3WJ1112-2AF52-4DA4	400205.-	3WJ1112-2AF62-4DA4	462820.-
		1600	MDO	3WJ1116-2AF52-1AA0	351405.-	3WJ1116-2AF62-1AA0	427720.-
			EDO	3WJ1116-2AF52-4DA4	431640.-	3WJ1116-2AF62-4DA4	507955.-
		2000	MDO	3WJ1220-2AF52-1AA0	490120.-	3WJ1220-2AF62-1AA0	605460.-
			EDO	3WJ1220-2AF52-4DA4	570355.-	3WJ1220-2AF62-4DA4	685695.-
II	55kA	2500	MDO	3WJ1225-2AF52-1AA0	556525.-	3WJ1225-2AF62-1AA0	710190.-
			EDO	3WJ1225-2AF52-4DA4	636760.-	3WJ1225-2AF62-4DA4	790425.-
		3200	MDO	3WJ1232-2AF52-1AA0	716380.-	3WJ1232-2AF62-1AA0	881205.-
			EDO	3WJ1232-2AF52-4DA4	796615.-	3WJ1232-2AF62-4DA4	961440.-
		4000	MDO	3WJ1240-2AF51-1AA0	833760.-	3WJ1240-2AF61-1AA0	1058875.-
			EDO	3WJ1240-2AF51-4DA4	913995.-	3WJ1240-2AF61-4DA4	1139110.-

ETU350WJ: LSI + Display

E Reduce 6830.-

E Reduce 6830.-

Microprocessor based trip unit ETU360WJ: LSING<sup>1)</sup> + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Fixed Mounted design <sup>3)</sup>			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MF	3WJ1108-2AF02-1AA0	206840.-	3WJ1108-2AF12-1AA0	288380.-
			EF	3WJ1108-2AF02-4DA4	287075.-	3WJ1108-2AF12-4DA4	368615.-
		1000	MF	3WJ1110-2AF02-1AA0	211050.-	3WJ1110-2AF12-1AA0	306090.-
			EF	3WJ1110-2AF02-4DA4	291285.-	3WJ1110-2AF12-4DA4	386325.-
		1250	MF	3WJ1112-2AF02-1AA0	262740.-	3WJ1112-2AF12-1AA0	312835.-
			EF	3WJ1112-2AF02-4DA4	342975.-	3WJ1112-2AF12-4DA4	393070.-
		1600	MF	3WJ1116-2AF02-1AA0	274170.-	3WJ1116-2AF12-1AA0	342745.-
			EF	3WJ1116-2AF02-4DA4	354405.-	3WJ1116-2AF12-4DA4	422980.-
		2000	MF	3WJ1220-2AF02-1AA0	341735.-	3WJ1220-2AF12-1AA0	494905.-
			EF	3WJ1220-2AF02-4DA4	421970.-	3WJ1220-2AF12-4DA4	575140.-
II	55kA	2500	MF	3WJ1225-2AF02-1AA0	387060.-	3WJ1225-2AF12-1AA0	582860.-
			EF	3WJ1225-2AF02-4DA4	467295.-	3WJ1225-2AF12-4DA4	663095.-
		3200	MF	3WJ1232-2AF02-1AA0	594675.-	3WJ1232-2AF12-1AA0	734625.-
			EF	3WJ1232-2AF02-4DA4	674910.-	3WJ1232-2AF12-4DA4	814860.-
		4000	MF	3WJ1240-2AF01-1AA0	720570.-	3WJ1240-2AF11-1AA0	996270.-
			EF	3WJ1240-2AF01-4DA4	800805.-	3WJ1240-2AF11-4DA4	1076505.-

ETU350WJ: LSI + Display

E Reduce 6830.-

E Reduce 6830.-

**For Non-Automatic ACBs please deduct ₹ 8200/- 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 protection<sup>1)</sup>

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

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

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

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

<sup>3)</sup> 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

## Add-on options (Factory fitted)

Description		Unit LP* ₹
Ready to close signal switch		5020.-
Trip signal switch (Not applicable for Non-Automatic Circuit Breakers)		5020.-
Position Signal Switch (3x connected, 2x test, 1x disconnected)		16905.-
Castell lock mounting kit <sup>1)</sup>		5975.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker (Door interlock)		12415.-
Mutual Mechanical Interlocking (Bowden wire interlocking module with 2m cable)	For Fixed Circuit Breakers	27855.-
	For Withdrawable Circuit Breakers with guide frame	25860.-

<sup>1)</sup> Locks to be ordered separately. Refer Page 8

## 3WJ Accessories & Spares

### Auxiliary Releases & Operating mechanism

Description		Type	Unit LP* ₹
<b>Closing coil (CC) / Shunt trip (ST)</b>			
Suitable for continuous duty	DC 24 V	3WJ9111-0AD01	8535.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AD05	8535.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AD06	8535.-
<b>Undervoltage release (UVR)</b>			
with Undervoltage Release (UVR), instantaneous ( $\leq 80$ ms), short delay ( $\leq 200$ ms)	DC 24 V	3WJ9111-0AE01	9855.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE05	9855.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE06	9855.-
	AC 380 ... 415 V	3WJ9111-0AE07	9855.-
with Undervoltage Release (UVR-t), adjustable 0.2 s and 3.2 s	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE15	30880.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE16	30880.-
	AC 380 ... 415 V	3WJ9111-0AE17	27790.-
<b>Operating mechanism</b>			
Spring charging motor to charged the stored energy mechanism	DC 24 V	3WJ9111-0AF01	92605.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AF05	92605.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AF06	92605.-

### Accessories for electronic trip unit

Description		Type	Unit LP* ₹	
<b>Sealable &amp; lockable covers</b>				
Transparent cover for ETU 350/360 WJ		3WJ9111-0EM21	350.-	
<b>Indication / operator control elements</b>				
Ready-to-close signal switch		3WJ9111-0AH01	5680.-	
1st trip signal switch		3WJ9111-0AH02	5680.-	
5 digit Mechanical Operating cycle counter		3WJ9111-0AH04	16105.-	
Position signaling switch for withdrawable circuit breakers	PSS: 6 changeover contacts; 3x connected position, 2x test position, 1x disconnected position	3WJ9111-0AH11	19290.-	
Auxiliary Switch	2 NO and 2 NC contacts	S1/S2	3WJ9111-0AG01	4780.-
	3 NO and 1 NC contacts	S3/S4	3WJ9111-0AG02	4780.-
	4 NO Contacts	S3/S4	3WJ9111-0AG03	4780.-
	2 NO and 2 NC contacts	S3/S4	3WJ9111-0AG04	4780.-
<b>External current sensors for N-conductor</b>				
without copper connectors	FS I	3WJ9111-0AA21	31455.-	
	FS II	3WJ9111-0AA22	38235.-	
with copper connectors	FS I	3WJ9111-0AA31	34525.-	
	FS II	3WJ9111-0AA32	39620.-	

**3WJ Accessories & Spares (Contd.)**

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

Std. Pkg. = 1 unit

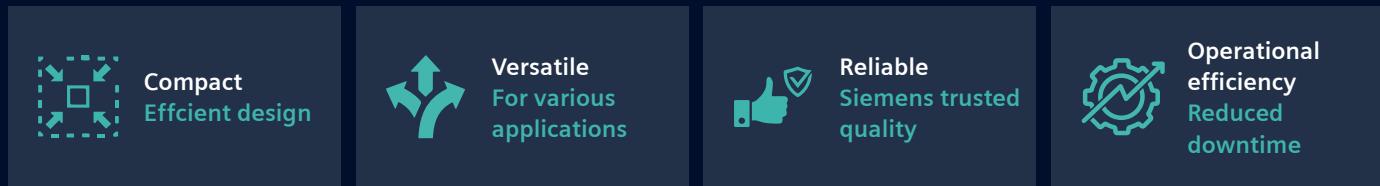
POR: Price On Request

\* LP - List Price

SINOPLUS THE POWER OF **SIMPLICITY**

# **3VJ2** moulded case circuit breakers

Microprocessor Based Trip Unit



**NEW**



## Product highlights

<b>Range</b> Current rating from <b>160A to 630A</b>	<b>Ics = Icu = 55kA</b>	<b>Microprocessor Based trip units</b>  Color coded knob switches & Display options	<b>3P, 4P LSI, LSIG</b>						
<b>Enhanced protection</b> Micropocessor trip units L : Overload protection S : Short time delayed short circuit protection I : Instantaneous short circuit protection G : Ground fault protection		 Enhanced protection	<b>Approbations</b> <table border="1"><tr><td><b>RoHS</b></td><td><b>IEC 60947-1 General rules</b></td><td><b>IEC 60947-2 Circuit breakers</b></td></tr><tr><td colspan="3"><b>IEC 60947-5-1</b> Control circuit devices and switching elements - Electromechanical control circuit devices</td></tr></table>	<b>RoHS</b>	<b>IEC 60947-1 General rules</b>	<b>IEC 60947-2 Circuit breakers</b>	<b>IEC 60947-5-1</b> Control circuit devices and switching elements - Electromechanical control circuit devices		
<b>RoHS</b>	<b>IEC 60947-1 General rules</b>	<b>IEC 60947-2 Circuit breakers</b>							
<b>IEC 60947-5-1</b> Control circuit devices and switching elements - Electromechanical control circuit devices									

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SINOPLUS THE POWER OF **SIMPLICITY**

# **3VJ1** moulded case circuit breakers

Thermal Magnetic Trip Unit



## 3VJ Moulded Case Circuit Breaker

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	3505.-	3VJ1096-0DA32-0AA0	4350.-	3VJ1096-0EA42-0AA0	6235.-
		20	3VJ1002-0DA22-0AA0	3505.-	3VJ1002-0DA32-0AA0	4350.-	3VJ1002-0EA42-0AA0	6235.-
		25	3VJ1092-0DA22-0AA0	3505.-	3VJ1092-0DA32-0AA0	4350.-	3VJ1092-0EA42-0AA0	6235.-
		32	3VJ1003-0DA22-0AA0	3505.-	3VJ1003-0DA32-0AA0	4350.-	3VJ1003-0EA42-0AA0	6235.-
		40	3VJ1004-0DA22-0AA0	3505.-	3VJ1004-0DA32-0AA0	4350.-	3VJ1004-0EA42-0AA0	6235.-
		50	3VJ1005-0DA22-0AA0	3505.-	3VJ1005-0DA32-0AA0	4350.-	3VJ1005-0EA42-0AA0	6235.-
		63	3VJ1006-0DA22-0AA0	3505.-	3VJ1006-0DA32-0AA0	4350.-	3VJ1006-0EA42-0AA0	6235.-
		80	3VJ1008-0DA22-0AA0	3505.-	3VJ1008-0DA32-0AA0	4350.-	3VJ1008-0EA42-0AA0	6235.-
		100	3VJ1010-0DA22-0AA0	3505.-	3VJ1010-0DA32-0AA0	4350.-	3VJ1010-0EA42-0AA0	6235.-
		125	3VJ1012-0DA22-0AA0	5415.-	3VJ1012-0DA32-0AA0	6525.-	3VJ1012-0EA42-0AA0	9345.-
3VJ10 (VJ1 125X)	18kA	16	3VJ1096-1DA22-0AA0	4845.-	3VJ1096-1DA32-0AA0	6995.-	3VJ1096-1EA42-0AA0	8970.-
		20	3VJ1002-1DA22-0AA0	4845.-	3VJ1002-1DA32-0AA0	6995.-	3VJ1002-1EA42-0AA0	8970.-
		25	3VJ1092-1DA22-0AA0	4845.-	3VJ1092-1DA32-0AA0	6995.-	3VJ1092-1EA42-0AA0	8970.-
		32	3VJ1003-1DA22-0AA0	4845.-	3VJ1003-1DA32-0AA0	6995.-	3VJ1003-1EA42-0AA0	8970.-
		40	3VJ1004-1DA22-0AA0	4845.-	3VJ1004-1DA32-0AA0	6995.-	3VJ1004-1EA42-0AA0	8970.-
		50	3VJ1005-1DA22-0AA0	4845.-	3VJ1005-1DA32-0AA0	6995.-	3VJ1005-1EA42-0AA0	8970.-
		63	3VJ1006-1DA22-0AA0	4845.-	3VJ1006-1DA32-0AA0	6995.-	3VJ1006-1EA42-0AA0	8970.-
		80	3VJ1008-1DA22-0AA0	4845.-	3VJ1008-1DA32-0AA0	6995.-	3VJ1008-1EA42-0AA0	8970.-
		100	3VJ1010-1DA22-0AA0	4845.-	3VJ1010-1DA32-0AA0	6995.-	3VJ1010-1EA42-0AA0	8970.-
		125	3VJ1012-1DA22-0AA0	5605.-	3VJ1012-1DA32-0AA0	8020.-	3VJ1012-1EA42-0AA0	10435.-
3VJ10 (VJ1 125X)	25kA	16	3VJ1096-3DA22-0AA0	5815.-	3VJ1096-3DA32-0AA0	7625.-	3VJ1096-3EA42-0AA0	10115.-
		20	3VJ1002-3DA22-0AA0	5815.-	3VJ1002-3DA32-0AA0	7625.-	3VJ1002-3EA42-0AA0	10115.-
		25	3VJ1092-3DA22-0AA0	5815.-	3VJ1092-3DA32-0AA0	7625.-	3VJ1092-3EA42-0AA0	10115.-
		32	3VJ1003-3DA22-0AA0	5815.-	3VJ1003-3DA32-0AA0	7625.-	3VJ1003-3EA42-0AA0	10115.-
		40	3VJ1004-3DA22-0AA0	5815.-	3VJ1004-3DA32-0AA0	7625.-	3VJ1004-3EA42-0AA0	10115.-
		50	3VJ1005-3DA22-0AA0	5815.-	3VJ1005-3DA32-0AA0	7625.-	3VJ1005-3EA42-0AA0	10115.-
		63	3VJ1006-3DA22-0AA0	5815.-	3VJ1006-3DA32-0AA0	7625.-	3VJ1006-3EA42-0AA0	10115.-
		80	3VJ1008-3DA22-0AA0	5815.-	3VJ1008-3DA32-0AA0	7625.-	3VJ1008-3EA42-0AA0	10115.-
		100	3VJ1010-3DA22-0AA0	5815.-	3VJ1010-3DA32-0AA0	7625.-	3VJ1010-3EA42-0AA0	10115.-
		125	3VJ1012-3DA22-0AA0	5815.-	3VJ1012-3DA32-0AA0	8715.-	3VJ1012-3EA42-0AA0	11120.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price

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



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

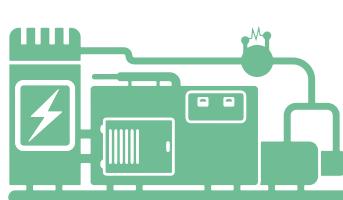
Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	11810.-	3VJ1216-3DA32-0AA0	13690.-	3VJ1216-3EA42-0AA0	18010.-
		200	3VJ1220-3DA22-0AA0	11945.-	3VJ1220-3DA32-0AA0	13905.-	3VJ1220-3EA42-0AA0	19775.-
		250	3VJ1225-3DA22-0AA0	12065.-	3VJ1225-3DA32-0AA0	15645.-	3VJ1225-3EA42-0AA0	20600.-
		320	-	-	3VJ1332-3DA32-0AA0	30990.-	3VJ1332-3EA42-0AA0	39915.-
		400	-	-	3VJ1340-3DA32-0AA0	30990.-	3VJ1340-3EA42-0AA0	39915.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8950.-	3VJ1196-5DA32-0AA0	10645.-	3VJ1196-5EA42-0AA0	14060.-
		20	3VJ1102-5DA22-0AA0	8950.-	3VJ1102-5DA32-0AA0	10645.-	3VJ1102-5EA42-0AA0	14060.-
		25	3VJ1192-5DA22-0AA0	8950.-	3VJ1192-5DA32-0AA0	10645.-	3VJ1192-5EA42-0AA0	14060.-
		32	3VJ1103-5DA22-0AA0	8950.-	3VJ1103-5DA32-0AA0	10645.-	3VJ1103-5EA42-0AA0	14060.-
		40	3VJ1104-5DA22-0AA0	8950.-	3VJ1104-5DA32-0AA0	10645.-	3VJ1104-5EA42-0AA0	14060.-
		50	3VJ1105-5DA22-0AA0	8950.-	3VJ1105-5DA32-0AA0	10645.-	3VJ1105-5EA42-0AA0	14060.-
		63	3VJ1106-5DA22-0AA0	8950.-	3VJ1106-5DA32-0AA0	10645.-	3VJ1106-5EA42-0AA0	14060.-
		80	3VJ1108-5DA22-0AA0	8950.-	3VJ1108-5DA32-0AA0	10960.-	3VJ1108-5EA42-0AA0	14495.-
		100	3VJ1110-5DA22-0AA0	8950.-	3VJ1110-5DA32-0AA0	10960.-	3VJ1110-5EA42-0AA0	14495.-
		125	3VJ1112-5DA22-0AA0	8950.-	3VJ1112-5DA32-0AA0	12055.-	3VJ1112-5EA42-0AA0	15755.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	12455.-	3VJ1216-5DA32-0AA0	15330.-	3VJ1216-5EA42-0AA0	18645.-
3VJ13 (VJ1 400)		200	3VJ1220-5DA22-0AA0	13120.-	3VJ1220-5DA32-0AA0	18905.-	3VJ1220-5EA42-0AA0	24395.-
3VJ14 (VJ1 630)		250	3VJ1225-5DA22-0AA0	14810.-	3VJ1225-5DA32-0AA0	21725.-	3VJ1225-5EA42-0AA0	27960.-
3VJ11 (VJ1 125)	55kA	320	-	-	3VJ1332-5DA32-0AA0	31765.-	3VJ1332-5EA42-0AA0	40690.-
		400	-	-	3VJ1340-5DA32-0AA0	31765.-	3VJ1340-5EA42-0AA0	40690.-
		500	-	-	3VJ1450-5DA32-0AA0	47655.-	3VJ1450-5EA42-0AA0	61040.-
		630	-	-	3VJ1463-5DA32-0AA0	47655.-	3VJ1463-5EA42-0AA0	61040.-
		16	3VJ1196-7DA22-0AA0	9415.-	3VJ1196-7DA32-0AA0	13615.-	3VJ1196-7EA42-0AA0	17965.-
		20	3VJ1102-7DA22-0AA0	9415.-	3VJ1102-7DA32-0AA0	13615.-	3VJ1102-7EA42-0AA0	17965.-
		25	3VJ1192-7DA22-0AA0	9415.-	3VJ1192-7DA32-0AA0	13615.-	3VJ1192-7EA42-0AA0	17965.-
		32	3VJ1103-7DA22-0AA0	9415.-	3VJ1103-7DA32-0AA0	13615.-	3VJ1103-7EA42-0AA0	17965.-
		40	3VJ1104-7DA22-0AA0	9415.-	3VJ1104-7DA32-0AA0	13615.-	3VJ1104-7EA42-0AA0	17965.-
		50	3VJ1105-7DA22-0AA0	9415.-	3VJ1105-7DA32-0AA0	13615.-	3VJ1105-7EA42-0AA0	17965.-
3VJ12 (VJ1 250)		63	3VJ1106-7DA22-0AA0	9415.-	3VJ1106-7DA32-0AA0	13615.-	3VJ1106-7EA42-0AA0	17965.-
3VJ13 (VJ1 400)		80	3VJ1108-7DA22-0AA0	9415.-	3VJ1108-7DA32-0AA0	13615.-	3VJ1108-7EA42-0AA0	17965.-
3VJ14 (VJ1 630)		100	3VJ1110-7DA22-0AA0	9415.-	3VJ1110-7DA32-0AA0	13615.-	3VJ1110-7EA42-0AA0	17965.-
3VJ12 (VJ1 250)		125	3VJ1112-7DA22-0AA0	9415.-	3VJ1112-7DA32-0AA0	14985.-	3VJ1112-7EA42-0AA0	19760.-
		160	3VJ1216-7DA22-0AA0	13500.-	3VJ1216-7DA32-0AA0	18965.-	3VJ1216-7EA42-0AA0	25050.-
		200	3VJ1220-7DA22-0AA0	13770.-	3VJ1220-7DA32-0AA0	21805.-	3VJ1220-7EA42-0AA0	28795.-
		250	3VJ1225-7DA22-0AA0	15080.-	3VJ1225-7DA32-0AA0	25075.-	3VJ1225-7EA42-0AA0	33120.-
		320	-	-	3VJ1332-7DA32-0AA0	32545.-	3VJ1332-7EA42-0AA0	41860.-
3VJ13 (VJ1 400)		400	-	-	3VJ1340-7DA32-0AA0	32545.-	3VJ1340-7EA42-0AA0	41860.-
3VJ14 (VJ1 630)		500	-	-	3VJ1450-7DA32-0AA0	48815.-	3VJ1450-7EA42-0AA0	62775.-
3VJ14 (VJ1 630)		630	-	-	3VJ1463-7DA32-0AA0	48815.-	3VJ1463-7EA42-0AA0	62775.-

Notes:

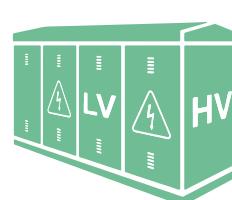
Phase barriers are included in the standard MCCB packing

^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	5540.-	3VJ1096-0EB42-0AA0	7485.-
		20	3VJ1002-0DB32-0AA0	5540.-	3VJ1002-0EB42-0AA0	7485.-
		25	3VJ1092-0DB32-0AA0	5540.-	3VJ1092-0EB42-0AA0	7485.-
		32	3VJ1003-0DB32-0AA0	5540.-	3VJ1003-0EB42-0AA0	7485.-
		40	3VJ1004-0DB32-0AA0	5540.-	3VJ1004-0EB42-0AA0	7485.-
		50	3VJ1005-0DB32-0AA0	5540.-	3VJ1005-0EB42-0AA0	7485.-
		63	3VJ1006-0DB32-0AA0	5540.-	3VJ1006-0EB42-0AA0	7485.-
		80	3VJ1008-0DB32-0AA0	5540.-	3VJ1008-0EB42-0AA0	7485.-
		100	3VJ1010-0DB32-0AA0	5540.-	3VJ1010-0EB42-0AA0	7485.-
		125	3VJ1012-0DB32-0AA0	7970.-	3VJ1012-0EB42-0AA0	11250.-
3VJ10 (VJ1 125X)	18kA	16	3VJ1096-1DB32-0AA0	8380.-	3VJ1096-1EB42-0AA0	10755.-
		20	3VJ1002-1DB32-0AA0	8380.-	3VJ1002-1EB42-0AA0	10755.-
		25	3VJ1092-1DB32-0AA0	8380.-	3VJ1092-1EB42-0AA0	10755.-
		32	3VJ1003-1DB32-0AA0	8380.-	3VJ1003-1EB42-0AA0	10755.-
		40	3VJ1004-1DB32-0AA0	8380.-	3VJ1004-1EB42-0AA0	10755.-
		50	3VJ1005-1DB32-0AA0	8380.-	3VJ1005-1EB42-0AA0	10755.-
		63	3VJ1006-1DB32-0AA0	8380.-	3VJ1006-1EB42-0AA0	10755.-
		80	3VJ1008-1DB32-0AA0	8380.-	3VJ1008-1EB42-0AA0	10755.-
		100	3VJ1010-1DB32-0AA0	8380.-	3VJ1010-1EB42-0AA0	10755.-
		125	3VJ1012-1DB32-0AA0	9605.-	3VJ1012-1EB42-0AA0	12510.-
3VJ10 (VJ1 125X)	25kA	16	3VJ1096-3DB32-0AA0	9625.-	3VJ1096-3EB42-0AA0	12765.-
		20	3VJ1002-3DB32-0AA0	9625.-	3VJ1002-3EB42-0AA0	12765.-
		25	3VJ1092-3DB32-0AA0	9625.-	3VJ1092-3EB42-0AA0	12765.-
		32	3VJ1003-3DB32-0AA0	9625.-	3VJ1003-3EB42-0AA0	12765.-
		40	3VJ1004-3DB32-0AA0	9625.-	3VJ1004-3EB42-0AA0	12765.-
		50	3VJ1005-3DB32-0AA0	9625.-	3VJ1005-3EB42-0AA0	12765.-
		63	3VJ1006-3DB32-0AA0	9625.-	3VJ1006-3EB42-0AA0	12765.-
		80	3VJ1008-3DB32-0AA0	9625.-	3VJ1008-3EB42-0AA0	12765.-
		100	3VJ1010-3DB32-0AA0	9625.-	3VJ1010-3EB42-0AA0	12765.-
		125	3VJ1012-3DB32-0AA0	10980.-	3VJ1012-3EB42-0AA0	14035.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	15435.-	3VJ1216-3EB42-0AA0	18790.-
		200	3VJ1220-3DB32-0AA0	16670.-	3VJ1220-3EB42-0AA0	20980.-
		250	3VJ1225-3DB32-0AA0	18760.-	3VJ1225-3EB42-0AA0	24705.-
		320	3VJ1332-3DB32-0AA0	35105.-	3VJ1332-3EB42-0AA0	45210.-
		400	3VJ1340-3DB32-0AA0	35105.-	3VJ1340-3EB42-0AA0	45210.-
		16	3VJ1196-5DB32-0AA0	12765.-	3VJ1196-5EB42-0AA0	16860.-
3VJ11 (VJ1 125)	36kA	20	3VJ1102-5DB32-0AA0	12765.-	3VJ1102-5EB42-0AA0	16860.-
		25	3VJ1192-5DB32-0AA0	12765.-	3VJ1192-5EB42-0AA0	16860.-
		32	3VJ1103-5DB32-0AA0	12765.-	3VJ1103-5EB42-0AA0	16860.-
		40	3VJ1104-5DB32-0AA0	12765.-	3VJ1104-5EB42-0AA0	16860.-
		50	3VJ1105-5DB32-0AA0	12765.-	3VJ1105-5EB42-0AA0	16860.-
		63	3VJ1106-5DB32-0AA0	12765.-	3VJ1106-5EB42-0AA0	16860.-
		80	3VJ1108-5DB32-0AA0	12765.-	3VJ1108-5EB42-0AA0	16860.-
		100	3VJ1110-5DB32-0AA0	12765.-	3VJ1110-5EB42-0AA0	16860.-
		125	3VJ1112-5DB32-0AA0	14460.-	3VJ1112-5EB42-0AA0	18330.-
		160	3VJ1216-5DB32-0AA0	17510.-	3VJ1216-5EB42-0AA0	21290.-
		200	3VJ1220-5DB32-0AA0	22665.-	3VJ1220-5EB42-0AA0	29255.-
		250	3VJ1225-5DB32-0AA0	26060.-	3VJ1225-5EB42-0AA0	33530.-
3VJ12 (VJ1 250)	55kA	320	3VJ1332-5DB32-0AA0	35980.-	3VJ1332-5EB42-0AA0	46085.-
		400	3VJ1340-5DB32-0AA0	35980.-	3VJ1340-5EB42-0AA0	46085.-
		500	3VJ1450-5DB32-0AA0	53975.-	3VJ1450-5EB42-0AA0	69130.-
		630	3VJ1463-5DB32-0AA0	53975.-	3VJ1463-5EB42-0AA0	69130.-
		16	3VJ1196-7DB32-0AA0	15420.-	3VJ1196-7EB42-0AA0	20340.-
		20	3VJ1102-7DB32-0AA0	15420.-	3VJ1102-7EB42-0AA0	20340.-
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DB32-0AA0	15420.-	3VJ1192-7EB42-0AA0	20340.-
		32	3VJ1103-7DB32-0AA0	15420.-	3VJ1103-7EB42-0AA0	20340.-
		40	3VJ1104-7DB32-0AA0	15420.-	3VJ1104-7EB42-0AA0	20340.-
		50	3VJ1105-7DB32-0AA0	15420.-	3VJ1105-7EB42-0AA0	20340.-
		63	3VJ1106-7DB32-0AA0	15420.-	3VJ1106-7EB42-0AA0	20340.-
		80	3VJ1108-7DB32-0AA0	15420.-	3VJ1108-7EB42-0AA0	20340.-
		100	3VJ1110-7DB32-0AA0	15420.-	3VJ1110-7EB42-0AA0	20340.-
		125	3VJ1112-7DB32-0AA0	16965.-	3VJ1112-7EB42-0AA0	22380.-
		160	3VJ1216-7DB32-0AA0	20300.-	3VJ1216-7EB42-0AA0	26815.-
		200	3VJ1220-7DB32-0AA0	23350.-	3VJ1220-7EB42-0AA0	30825.-
		250	3VJ1225-7DB32-0AA0	26835.-	3VJ1225-7EB42-0AA0	35455.-
		320	3VJ1332-7DB32-0AA0	36860.-	3VJ1332-7EB42-0AA0	47410.-
		400	3VJ1340-7DB32-0AA0	36860.-	3VJ1340-7EB42-0AA0	47410.-
3VJ12 (VJ1 250)	55kA	500	3VJ1450-7DB32-0AA0	55295.-	3VJ1450-7EB42-0AA0	71105.-
		630	3VJ1463-7DB32-0AA0	55295.-	3VJ1463-7EB42-0AA0	71105.-

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
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	2550.-
	4P	2910.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	2910.-
	4P	2910.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	3080.-
	4P	3630.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	4915.-

### Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth leakage relay	110VAC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20
	230VAC	7UG0842-1CD20
CBCT for ELR	35 mm dia	2600.-
	70 mm dia	2975.-
	120 mm dia	5065.-
	210 mm dia	9740.-
	310 mm dia	14520.-

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* ₹
Accessory									
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1915.-	3VJ9218-0AN11	1975.-	3VJ9218-0AN11	1975.-	3VJ9417-0AN11	2145.-
	Right	-	-	3VJ9218-0AN21	1975.-	3VJ9218-0AN21	1975.-	3VJ9417-0AN21	2145.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1915.-	3VJ9118-0AA11	1915.-	3VJ9218-0AA11	1975.-	3VJ9417-0AA11	2145.-
	Right	-	-	3VJ9118-0AA21	1915.-	3VJ9218-0AA21	1975.-	3VJ9417-0AA21	2145.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3100.-	3VJ9118-0AD11	3100.-	3VJ9218-0AD11	3250.-	3VJ9417-0AD11	3695.-
	Right	-	-	3VJ9118-0AD21	3100.-	3VJ9218-0AD21	3250.-	3VJ9417-0AD21	3695.-
Shunt Trip (Right) (ST)	24V DC	-	-	3VJ9218-0ST11	3945.-	3VJ9218-0ST11	3945.-	-	-
	24V AC/DC	-	-	-	-	-	-	3VJ9417-0ST21	4435.-
	48V DC	-	-	3VJ9218-0ST12	3945.-	3VJ9218-0ST12	3945.-	-	-
	48V AC/DC	-	-	-	-	-	-	3VJ9417-0ST22	4435.-
	110V DC	3VJ9018-0ST15	2870.-	3VJ9218-0ST15	3945.-	3VJ9218-0ST15	3945.-	-	-
	110V AC/DC	-	-	-	-	-	-	3VJ9417-0ST25	4435.-
	110V AC	3VJ9018-0ST35	2870.-	3VJ9218-0ST35	4095.-	3VJ9218-0ST35	4095.-	-	-
	220V AC	3VJ9018-0ST36	3110.-	3VJ9218-0ST36	4230.-	3VJ9218-0ST36	4230.-	3VJ9417-0ST36	4880.-
	415V AC	3VJ9018-0ST37	3110.-	3VJ9218-0ST37	4230.-	3VJ9218-0ST37	4230.-	3VJ9417-0ST37	4880.-
Undervoltage Release (Left) (UVR)	24V DC	-	-	3VJ9218-0UV11	5650.-	3VJ9218-0UV11	5650.-	-	-
	48V DC	-	-	3VJ9218-0UV12	5650.-	3VJ9218-0UV12	5650.-	-	-
	220V AC	-	-	3VJ9218-0UV36	5935.-	3VJ9218-0UV36	5935.-	3VJ9417-0UV36	14790.-
	415V AC	-	-	3VJ9218-0UV37	6350.-	3VJ9218-0UV37	6350.-	3VJ9417-0UV37	14790.-

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

**3VJ External accessories**

Frame Size	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Accessory											
Extended Door Mounted Rotary Operator (including 8UC handle)@	-	3VJ9018-0HD11	2945.-	3VJ9118-0HD11	3170.-	3VJ9218-0HD11	3710.-	3VJ9417-0HD11	4900.-	3VJ9417-0HD11	4900.-
Spreader Links^	2P	3VJ9012-0ED00	255.-	3VJ9112-0ED00	280.-	3VJ9212-0ED00	850.-	-	-	-	-
	3P	3VJ9013-0ED00	430.-	3VJ9113-0ED00	450.-	3VJ9213-0ED00	1375.-	3VJ9313-0ED00	2405.-	3VJ9413-0ED00	3015.-
	4P	3VJ9014-0ED00	560.-	3VJ9114-0ED00	585.-	3VJ9214-0ED00	1795.-	3VJ9314-0ED00	3385.-	3VJ9414-0ED00	4260.-
Phase Barriers#		3VJ9018-0CA00	200.-	3VJ9218-0CA00	310.-	3VJ9218-0CA00	310.-	3VJ9417-0CA00	355.-	3VJ9417-0CA00	355.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	455.-	3VJ9116-0CJ30	545.-	3VJ9216-0CJ30	780.-	3VJ9413-0CJ30	1015.-	3VJ9413-0CJ30	1015.-
	4P	3VJ9014-0CJ40	640.-	3VJ9114-0CJ40	690.-	3VJ9214-0CJ40	910.-	3VJ9414-0CJ40	1250.-	3VJ9414-0CJ40	1250.-
Toggle handle extension	-	-	-	-	-	-	-	3VJ9417-0DH10	805.-	3VJ9417-0DH10	805.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	-	8UC60701YQ..	7475.-	8UC60701YQ..	7475.-	8UC60701YQ..	7475.-	8UC60702YQ..	7675.-	8UC60702YQ..	7675.-
SS Enclosures	2P/3P	3VJ9016-0DE11	3195.-	3VJ9116-0DE11	3195.-	3VJ9216-0DE12	7005.-	-	-	-	-
	4P	3VJ9014-0DE11	3195.-	3VJ9114-0DE11	3195.-	3VJ9214-0DE12	7005.-	-	-	-	-
Padlock on MCCB Dolly/Knob	-	-	-	3VJ9118-0LM10	1280.-	3VJ9218-0LM10	1280.-	3VJ9317-0LM10	3100.-	3VJ9317-0LM10	3100.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	-	-	3VJ9116-0VM10	3495.-	3VJ9216-0VM10	6815.-	3VJ9313-0VM10	13285.-	3VJ9313-0VM10	13285.-
	4P	-	-	3VJ9114-0VM10	3645.-	3VJ9214-0VM10	8045.-	3VJ9314-0VM10	17770.-	3VJ9314-0VM10	17770.-

## Notes:

@ 1 set contains rotary mechanism, coupler, shaft &amp; 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 &amp; bottom)

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

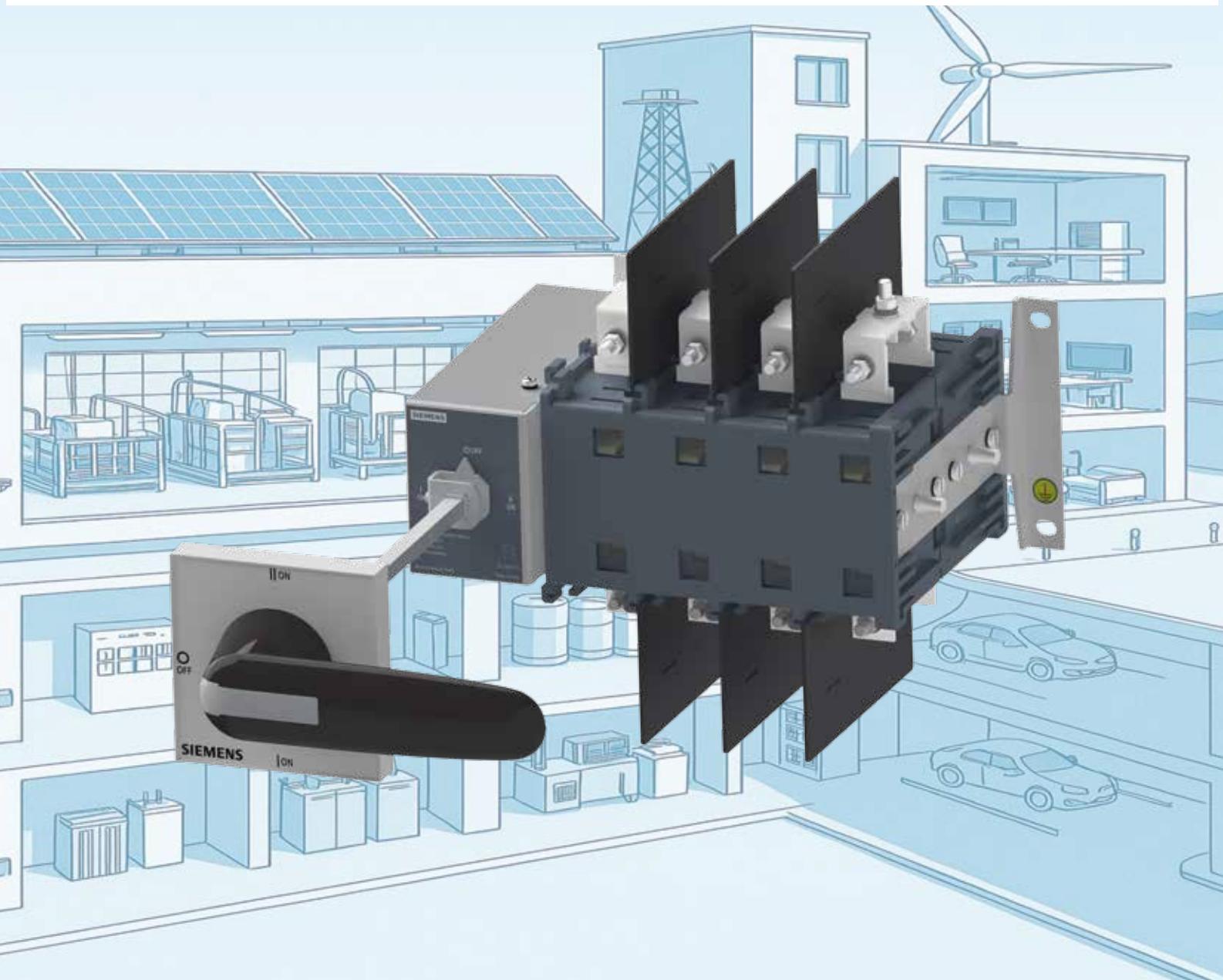
2P/3P SS enclosures provide inbuilt neutral link for TPN system

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



SINOPLUS

# On Load Changeover Switches – 3KJ

The Power of Simplicity

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

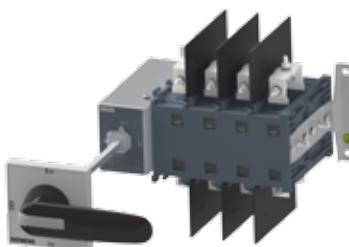
[www.siemens.co.in](http://www.siemens.co.in)

**SIEMENS**

## Manual On Load Changeover Switch 3KJ

- 63A to 3150A in 4-pole configuration
- Open and Enclosed execution
- Comply to IS/IEC 60947-3
- Suitable for Positive isolation
- Available in AC-21 / AC-22 / AC-23 @415V 50/60Hz

- Wide portfolio of accessories and spares
- Built-in bridging bars and phase barriers
- Suitable terminals and metallic handles 1000A onwards
- Stable I-O-II positions with safe switching
- Modular range for rating 125A to 3150A



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

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std.pkg. (nos.)
3KJ1 <sup>#</sup>	1	63	3KJ1126-4AA20-0AA0	8155.-	3KJ1126-4AA20-1AA0	16120.-	1
		100	3KJ1130-4AA20-0AA0	10840.-	3KJ1130-4AA20-1AA0	18940.-	1
	1	125	3KJ0132-4AA20-0AA0	16230.-	3KJ0132-4AA20-1AA0	22065.-	1
		160	3KJ0134-4AA20-0AA0	17835.-	3KJ0134-4AA20-1AA0	25265.-	1
	2	200	3KJ0236-4AA20-0AA0	22710.-	3KJ0236-4AA20-1AA0	29225.-	1
		250	3KJ0238-4AA20-0AA0	27800.-	3KJ0238-4AA20-1AA0	36315.-	1
		315	3KJ0240-4AA20-0AA0	36420.-	3KJ0240-4AA20-1AA0	44390.-	1
		400	3KJ0242-4AA20-0AA0	52865.-	3KJ0242-4AA20-1AA0	65995.-	1
	3	630	3KJ0346-4AA20-0AA0	62870.-	3KJ0346-4AA20-1AA0	75985.-	1
		800	3KJ0348-4AA20-0AA0	91195.-	3KJ0348-4AA20-1AA0	109280.-	1
3KJ0	4	1000	3KJ0450-4AA30-0AA0	171760.-	3KJ0450-4AA30-1AA0	188875.-	1
		1250	3KJ0452-4AA30-0AA0	211675.-	3KJ0452-4AA30-1AA0	243935.-	1
	5	1600	3KJ0454-4AA30-0AA0	269845.-	3KJ0454-4AA30-1AA0	328985.-	1
		2000	3KJ0556-4AA30-0AA0	415395.-	3KJ0556-4AA30-1AA0	453450.-	1
		2500	3KJ0558-4AA30-0AA0	532580.-	3KJ0558-4AA30-1AA0	580215.-	1
	3150	3KJ0560-4AA30-0AA0	684800.-	3KJ0560-4AA30-1AA0	786455.-	1	

#### Notes:

3KJ On Load Changeover Switch is switch disconnector type

3KJ: Unit MRPs are inclusive of Front drive (Handle), shaft, phase barriers and bridging bars

# Non-Modular construction

POR: Price On Request

Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price



Metro



Solar



Power Utilities



Port



Crane



Offshore



Metal



Oil



Mining

**Manual On Load Changeover Switch 3KJ****Accessories and spares**

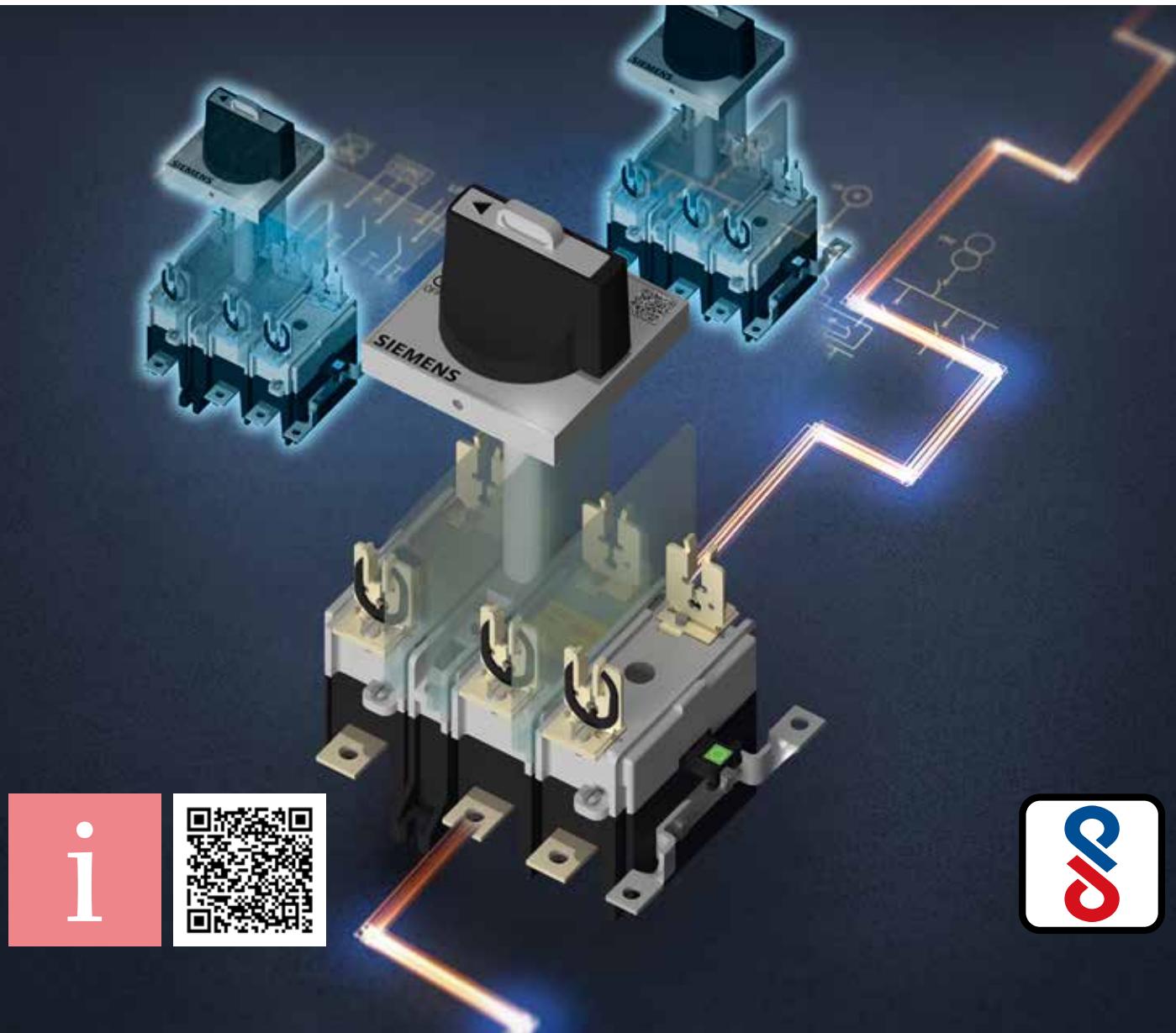
Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)	
Auxiliary switch <sup>1)</sup>	1CO	3KJ9101-1AB00	815.-					1	
	2CO	3KJ9101-1AD00	1630.-					1	
	1NO+1NC				3KJ9001-1AB00	2115.-	3KJ9001-5AB00	4280.-	
	2NO+2NC				3KJ9001-1AD00	7370.-	3KJ9001-5AD00	15995.-	
Gland box <sup>2)</sup>	With one gland plate				3KJ9013-1MA00	4395.-	3KJ9013-2MB00	9940.-	
Spare Phase barrier		3KJ9103-1CA00	55.-	3KJ9003-1CA00	75.-	3KJ9003-3CA00	120.-	1	
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	770.-	3KJ9006-2FT00	770.-	3KJ9006-2FT00	770.-	1	
Spare Shaft		3KJ9107-1GA00	260.-	3KJ9007-2GA00	260.-	3KJ9007-2GA00	260.-	1	
Spare pole <sup>3)</sup>					125A 3KJ9008-1HC00	POR	200A 3KJ9008-2HE00	1	
					160A 3KJ9008-1HD00		250A 3KJ9008-2HF00		
							315A 3KJ9008-2HG00		
						POR	400A 3KJ9008-2HH00	1	
							200A 3KJ9002-2BC00		
							250A,315A 3KJ9002-2BD00		
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR		400A 3KJ9002-2BE00	1	
Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)	
Auxiliary Switch <sup>1)</sup>	1NO+1NC	3KJ9001-5AB00	4280.-	3KJ9001-5AB00	4280.-	3KJ9001-5AB00	4280.-	1	
	2NO+2NC	3KJ9001-5AD00	15995.-	3KJ9001-5AD00	15995.-	3KJ9001-5AD00	15995.-	1	
Gland box <sup>2)</sup>	With one gland plate	3KJ9013-3MC00	15300.-					1	
		3KJ9003-3CA00	120.-		3KJ9003-4CA00	430.-			
Spare Phase barrier	Lower side						3KJ9003-5CA10	1	
	Front side						3KJ9003-5CA20		
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	875.-					1	
	Metallic								
Spare Shaft		3KJ9007-4GA00	555.-	3KJ9007-4GA00	555.-	3KJ9007-5GA00	555.-	1	
		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1	
Spare pole <sup>3)</sup>		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00			
				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00			
Spare Extended link				1000A 3KJ9012-4LA00	POR			1	
				1250A 3KJ9012-4LB00					
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR			1	
				1250A 3KJ9002-4BJ00					
	Line side connection	800A 3KJ9002-3BG00		1600A 3KJ9002-4BK10 3KJ9002-4BK20		2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1	
						2500A 3KJ9002-5BM20 3KJ9002-5BM30			
						3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50	POR	1	
						2000A 3KJ9002-5BL10			
						2500A 3KJ9002-5BM10	1	1	
						3150A 3KJ9002-5BN10 3KJ9002-5BN20			

## Notes:

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

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price



## SUPERSWITCH

# Switch Disconnector Fuse - 3KL8

**Safe. Reliable. Efficient.**

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

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

**SIEMENS**

SUPERSWITCH - Safe. Reliable. Efficient.

## Superswitch 3KL8

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



4P



3PN



3P



2P

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

Rated current I <sub>e</sub> @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	4335.-	3KL8111-4TJ00	4405.-	3KL8111-4TC00	4500.-	1
32A	3KL8121-4TA00	4485.-	3KL8121-4TJ00	4830.-	3KL8121-4TC00	4860.-	1
63A	3KL8151-4TA00	6035.-	3KL8151-4TJ00	6120.-	3KL8151-4TC00	6370.-	1
100A	3KL8171-4TA00	9060.-	-	-	-	-	1
100A	3KL8211-4TA00	13015.-	3KL8211-4TJ00	14190.-	-	-	1
125A	3KL8221-4TA00	15945.-	3KL8221-4TJ00	16895.-	-	-	1
160A	3KL8231-4TA00	17705.-	3KL8231-4TJ00	20530.-	-	-	1
200A	3KL8311-4UA00	25400.-	3KL8311-4UJ00	26665.-	-	-	1
250A	3KL8321-4UA00	29595.-	3KL8321-4UJ00	31605.-	-	-	1
315A	3KL8331-4UA00	35620.-	3KL8331-4UJ00	38995.-	-	-	1
400A	3KL8341-4UA00	39195.-	3KL8341-4UJ00	45050.-	-	-	1
500A	3KL8411-4UA00	63655.-	3KL8411-4UJ00	72610.-	-	-	1
630A	3KL8421-4UA00	65995.-	3KL8421-4UJ00	75235.-	-	-	1
800A <sup>s</sup>	3KL8431-4UA00	78005.-	3KL8431-4UJ00	81520.-	-	-	1

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

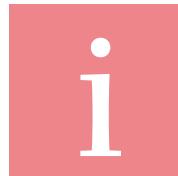
Rated current I <sub>e</sub> @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	3850.-	3KL8111-5TJ00	3860.-	3KL8111-5TC00	3880.-	1
32A	3KL8121-5TA00	3910.-	3KL8121-5TJ00	3935.-	3KL8121-5TC00	3965.-	1
63A	3KL8151-5TA00	5245.-	3KL8151-5TJ00	5355.-	3KL8151-5TC00	5405.-	1
100A	3KL8171-5TA00	7515.-	-	-	-	-	1
100A	3KL8211-5TA00	10465.-	3KL8211-5TJ00	10560.-	-	-	1
125A	3KL8221-5TA00	13470.-	3KL8221-5TJ00	13530.-	-	-	1
160A	3KL8231-5TA00	14415.-	3KL8231-5TJ00	14480.-	-	-	1
200A	3KL8311-5UA00	19785.-	3KL8311-5UJ00	20380.-	-	-	1
250A	3KL8321-5UA00	22475.-	3KL8321-5UJ00	23085.-	-	-	1
315A	3KL8331-5UA00	26760.-	3KL8331-5UJ00	27210.-	-	-	1
400A	3KL8341-5UA00	32245.-	3KL8341-5UJ00	32725.-	-	-	1
500A	3KL8411-5UA00	51865.-	3KL8411-5UJ00	53060.-	-	-	1
630A	3KL8421-5UA00	54625.-	3KL8421-5UJ00	57465.-	-	-	1
800A <sup>s</sup>	3KL8431-5UA00	58250.-	3KL8431-5UJ00	62265.-	-	-	1

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

Rated current I <sub>e</sub> @ 690V< 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	3735.-	1
32A	3KL8121-1TA00	3805.-	1
63A	3KL8151-1TA00	5165.-	1
100A	3KL8211-1TA00	10280.-	1
125A	3KL8221-1TA00	13070.-	1
160A	3KL8231-1TA00	14125.-	1
200A	3KL8311-1UA00	19170.-	1
250A	3KL8321-1UA00	22350.-	1
315A	3KL8331-1UA00	26355.-	1
400A	3KL8341-1UA00	31735.-	1
500A	3KL8411-1UA00	51075.-	1
630A	3KL8421-1UA00	54285.-	1
800A <sup>s</sup>	3KL8431-1UA00	57890.-	1

Std. Pkg. = 1 unit

\* MRP - Maximum Retail Price



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

&lt; 415V AC for size 3,3KL83 SDF

Notes:

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

3KL8: Unit MRPs are without fuses

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

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

Refer the OM for changes in dimension

## Superswitch 3KL8

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

Rated current I <sub>e</sub> @690V~ 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A <sup>o</sup>	3KL8111-2TA00	3480.-	-	-	3KL8111-2TC00	3550.-	1
32A <sup>o</sup>	3KL8121-2TA00	3550.-	-	-	3KL8121-2TC00	3700.-	1
63A <sup>o</sup>	3KL8151-2TA00	4615.-	-	-	3KL8151-2TC00	4660.-	1
100A <sup>o</sup>	3KL8171-2TA00	7140.-	-	-	-	-	1
100A	3KL8211-2TA00	9830.-	3KL8211-2TJ00	10055.-	-	-	1
125A	3KL8221-2TA00	11390.-	3KL8221-2TJ00	12410.-	-	-	1
160A	3KL8231-2TA00	11845.-	3KL8231-2TJ00	13365.-	-	-	1
200A	3KL8311-2UA00	17215.-	3KL8311-2UJ00	18815.-	-	-	1
250A	3KL8321-2UA00	18750.-	3KL8321-2UJ00	20780.-	-	-	1
315A	3KL8331-2UA00	22815.-	3KL8331-2UJ00	24205.-	-	-	1
400A	3KL8341-2UA00	27180.-	3KL8341-2UJ00	28575.-	-	-	1
500A	3KL8411-2UA00	42920.-	3KL8411-2UJ00	49975.-	-	-	1
630A	3KL8421-2UA00	43900.-	3KL8421-2UJ00	50705.-	-	-	1
800A <sup>s</sup>	3KL8431-2UA00	57105.-	3KL8431-2UJ00	57295.-	-	-	1



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

Rated current I <sub>e</sub> @690V~ 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	8045.-	3KL8111-4TA10	9275.-	1
	BS	3KL8111-5TJ10	8115.-	3KL8111-4TJ10	9290.-	1
	CYL	3KL8111-5TC10	8160.-	3KL8111-4TC10	9370.-	1
32A	DIN	3KL8121-5TA10	8610.-	3KL8121-4TA10	9565.-	1
	BS	3KL8121-5TJ10	8635.-	3KL8121-4TJ10	9675.-	1
	CYL	3KL8121-5TC10	8675.-	3KL8121-4TC10	9710.-	1
63A	DIN	3KL8151-5TA10	9560.-	3KL8151-4TA10	11280.-	1
	BS	3KL8151-5TJ10	9590.-	3KL8151-4TJ10	11560.-	1
	CYL	3KL8151-5TC10	9670.-	3KL8151-4TC10	11600.-	1
100A	DIN	3KL8211-5TA10	15325.-	3KL8211-4TA10	18165.-	1
	BS	3KL8211-5TJ10	15775.-	3KL8211-4TJ10	18350.-	1
125A	DIN	3KL8221-5TA10	18160.-	3KL8221-4TA10	21875.-	1
	BS	3KL8221-5TJ10	18295.-	3KL8221-4TJ10	22565.-	1
160A	DIN	3KL8231-5TA10	19485.-	3KL8231-4TA10	24050.-	1
	BS	3KL8231-5TJ10	19635.-	3KL8231-4TJ10	24210.-	1
200A	DIN	3KL8311-5UA10	28095.-	3KL8311-4UA10	39265.-	1
	BS	3KL8311-5UJ10	28315.-	3KL8311-4UJ10	40165.-	1
250A	DIN	3KL8321-5UA10	31855.-	3KL8321-4UA10	41810.-	1
	BS	3KL8321-5UJ10	32075.-	3KL8321-4UJ10	42105.-	1
315A	DIN	3KL8331-5UA10	37890.-	3KL8331-4UA10	49765.-	1
	BS	3KL8331-5UJ10	38100.-	3KL8331-4UJ10	50010.-	1
400A	DIN	3KL8341-5UA10	43705.-	3KL8341-4UA10	55800.-	1
	BS	3KL8341-5UJ10	44265.-	3KL8341-4UJ10	56035.-	1
500A	DIN	3KL8411-5UA10	65085.-	3KL8411-4UA10	82065.-	1
	BS	3KL8411-5UJ10	65280.-	3KL8411-4UJ10	82950.-	1
630A	DIN	3KL8421-5UA10	68520.-	3KL8421-4UA10	87150.-	1
	BS	3KL8421-5UJ10	68715.-	3KL8421-4UJ10	87405.-	1
800A <sup>s</sup>	DIN	3KL8431-5UA10	73555.-	3KL8431-4UA10	93560.-	1
	BS	3KL8431-5UJ10	73750.-	3KL8431-4UJ10	93805.-	1



### SS ^ Enclosure for 3KL8/ 3KA8

Rated current I <sub>e</sub> @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	5905.-	1
200A-400A	3KX8345-4AC	7860.-	1
500A-800A	3KX8435-4AC <sup>1)</sup>	12885.-	1
200A-800A	3KX8435-4AG <sup>#2)</sup>	22125.-	1

@ In 3P housing

<sup>^</sup> 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, 3KL8 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

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

SUPERSWITCH - Safe. Reliable. Efficient.

## Superswitch 3KA8

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

Rated current I <sub>e</sub> @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 <sup>®</sup>	3905.-	3KA8151-5TE00	4710.-	3KA8151-4TE00	6700.-	1
100A	-	-	3KA8171-5TE00	7325.-	3KA8171-4TE00	13475.-	1
100A	3KA8211-2TE00	6835.-	3KA8211-5TE00	9315.-	3KA8211-4TE00	15580.-	1
125A	3KA8221-2TE00	8580.-	3KA8221-5TE00	10700.-	3KA8221-4TE00	16735.-	1
160A	3KA8231-2TE00	11435.-	3KA8231-5TE00	13920.-	3KA8231-4TE00	21085.-	1
200A	3KA8311-2UE00	14540.-	3KA8311-5UE00	17975.-	3KA8311-4UE00	24470.-	1
250A	3KA8321-2UE00	15910.-	3KA8321-5UE00	18980.-	3KA8321-4UE00	30060.-	1
400A	3KA8341-2UE00	22070.-	3KA8341-5UE00	28065.-	3KA8341-4UE00	40970.-	1
630A <sup>\$</sup>	3KA842□-2UE00	35405.-	3KA842□-5UE00	44550.-	3KA842□-4UE00	58645.-	1
800A <sup>\$</sup>	3KA843□-2UE00	36945.-	3KA843□-5UE00	45975.-	3KA843□-4UE00	67300.-	1
1000A <sup>\$</sup>	3KA844□-2UE00	49435.-	3KA844□-5UE00	66040.-	3KA844□-4UE00	82930.-	1
1250A <sup>\$</sup>	3KA845□-2UE00	65000.-	3KA845□-5UE00	85670.-	3KA845□-4UE00	99695.-	1
1600A <sup>\$</sup>	3KA846□-2UE00	74965.-	3KA846□-5UE00	94815.-	3KA846□-4UE00	134270.-	1



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

@ In 3P housing

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

Notes:

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

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

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

Refer the OIS for changes in dimension

## Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)				
Fuse cover <sup>2)</sup>	2P	DIN	3KX8150-0AE <sup>5)</sup>	385.-	3KX8230-0JF	940.-	3KX8340-0AF	1380.-	3KX8430-0JF	1955.-	1				
		BS			3KX8230-0HF	940.-			3KX8430-0HF	1955.-	1				
	3P	DIN			3KX8230-0JE	940.-	3KX8340-0AE	1380.-	3KX8430-0JE	1955.-	1				
		BS			3KX8230-0HE	940.-			3KX8430-0HE	1955.-	1				
	4P	DIN			3KX8230-0JG	940.-	3KX8340-0AG	1380.-	3KX8430-0JG	1955.-	1				
		BS			3KX8230-0HG	940.-			3KX8430-0HG	1955.-	1				
	Terminal cover (1set = 2pieces)	2P	3KX8151-0AE	195.-	3KX8231-0AF	800.-	3KX8341-0AF	1505.-	3KX8431-0AF	1765.-	1				
		3P			3KX8231-0AE	800.-			3KX8431-0AE	1765.-	1				
		4P			3KX8231-0AG	800.-			3KX8431-0AG	1765.-	1				
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	75.-	3KX8153-0AE (DIN)	75.-	3KX8343-0AE	240.-	3KX8433-0AE	365.-	1				
					3KX8233-0JE (BS)	75.-			3KX8433-0AE	365.-	1				
Fuse cover phase barrier kit <sup>3)</sup>			-			-	3KX8340-9AE	770.-	3KX8440-9AE	770.-	1				
Auxiliary switch (1NO+1NC)			3SB5400-0A <sup>#</sup>			285.-	3KX3522-1YC	1160.-	3KX3552-1YC	1395.-	3KX3582-1YC	1690.-	1		
Auxiliary switch (2NO+2NC)			-			-	3KX3522-1YD	2090.-	3KX3552-1YD	3020.-	3KX3582-1YD	3260.-	1		
Auxiliary switch cover			3KX8154-0AC			130.-	3KX8234-0AC	130.-	-	-	-	1			
Front drive (Handle)			8UC6114-1BB00			1430.-	8UC6214-1BB00	1615.-	8UC6314-1BB00	2440.-	8UC6414-1BB00	3570.-	1		
Operating shaft (300mm)			8UC60-31			395.-	8UC60-32	480.-	8UC60-34	930.-	8UC60-34	930.-	1		
Castell interlock <sup>1)</sup> <sup>a</sup>			8UC6070-0YQ..			7475.-	8UC6070-1YQ..	7475.-	8UC6070-2YQ..	7675.-	8UC6070-2YQ..	7675.-	1		
Depth setting template			8UC6046-2			85.-	8UC6046-2	85.-	8UC6046-2	85.-	8UC6046-2	85.-	1		
Fuse Monitor with auxiliary switch <sup>b</sup> (1NO+1NC)			3RV1611-0BD10			12320.-	3RV1611-0BD10	12320.-	3RV1611-0BD10	12320.-	3RV1611-0BD10	12320.-	1		
			3RV2901-1E			1625.-	3RV2901-1E	1625.-	3RV2901-1E	1625.-	3RV2901-1E	1625.-	1		
Fuse safety barrier			3KX8150-1AC			205.-	3KX8230-1AC	265.-	-	-	-	1			
Gland box with gland plate (1no.)			3KX8235-4DC			6850.-	3KX8235-4DC	6850.-	3KX8345-4DC	9455.-	3KX8435-4DC	14405.-	1		
									3KX8345-4DG <sup>4)</sup>	23570.-	3KX8435-4DG <sup>4)</sup>	23570.-	1		
Gland plate			3KX8235-4GC			1450.-	3KX8235-4GC	1450.-	3KX8345-4GC	1885.-	3KX8435-4GC	2090.-	1		
									3KX8345-4GG <sup>4)</sup>	2110.-	3KX8435-4GG <sup>4)</sup>	2110.-	1		

1) The 11th and 12th place of the type reference will indicate the alphabet type of lock &amp; 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.

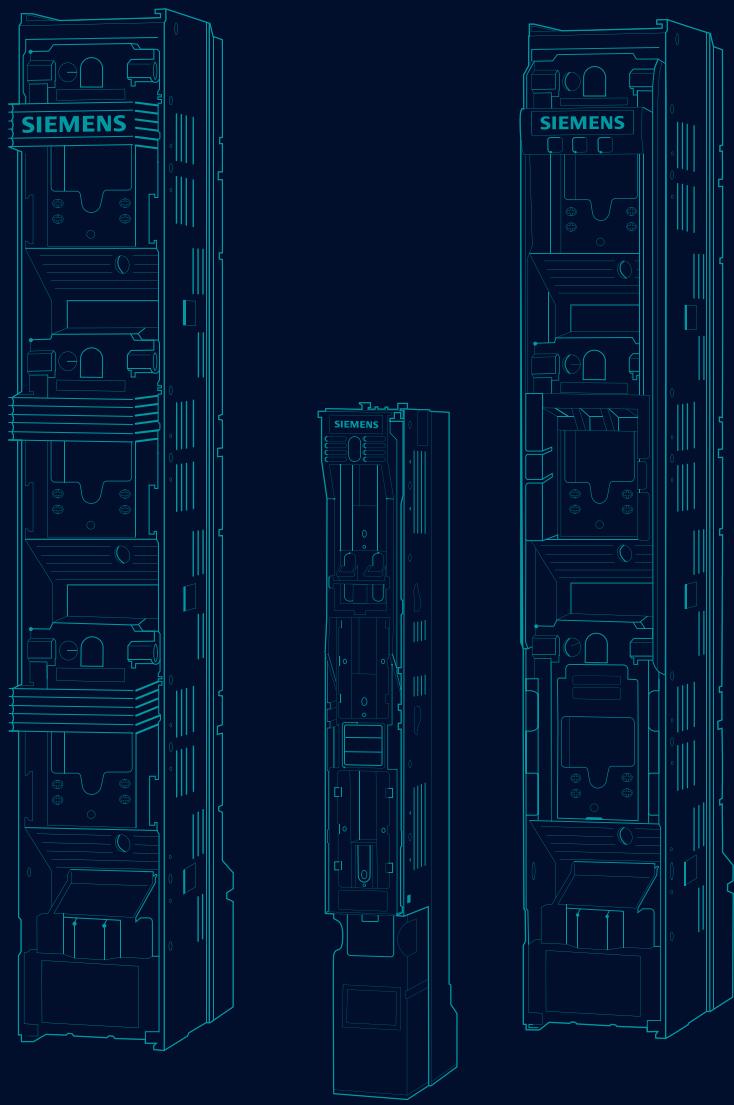
2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

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

4) Accessory for 4-pole SDF with enclosure type 3KL83 &amp; 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 &amp; 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)

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# 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	4315.-
VA meter	7KT0110	3960.-
3 phase energy meter	7KT0210	8595.-



## 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	23215.-
LCD Class 1	7KT0310	19395.-



### Basic Multi Function Meter

Description	Type	Unit LP ₹
Multi-line LED Class 1	7KT0308	14440.-
Single-line LED Class 1	7KT0307	9625.-

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price



for more info  
scan QR code

## 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	5730.-



## 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	
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	

26195.-



## Accessories (external shunt for DC meter)

Description	Type	Unit LP ₹
External Shunt for DC meter/ 50A/75MV	7KT0911	925.-
External Shunt for DC meter/ 100A/60MV	7KT0922	1155.-
External Shunt for DC meter/ 100A/75MV	7KT0923	1155.-
External Shunt for DC meter/ 150A/75MV	7KT0924	1435.-
External Shunt for DC meter/ 200A/60MV	7KT0925	2550.-

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price

for more info  
scan QR code

For enquiries email at [info@sbsyscon.in](mailto:info@sbsyscon.in) or call at +91-9899598955/900



## 3LD4 Control Switches

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

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**SIEMENS**

SINOPLUS - The Power of Simplicity

## 3LD4 Control Switches

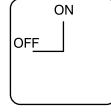
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

- 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



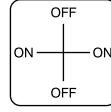
## ON OFF Switches

90° operation



Type <sup>#</sup>	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-ORC0	1 Pole	235.-	450.-	540.-	565.-	590.-	725.-	925.-	1080.-	5645.-	1
3LD4 ____ 2AA00-ORC0	2 Pole	305.-	510.-	610.-	680.-	710.-	840.-	1110.-	1385.-	7050.-	
3LD4 ____ 3AA00-ORC0	3 Pole	330.-	610.-	715.-	780.-	925.-	1035.-	1295.-	1855.-	8680.-	
3LD4 ____ 4AA00-ORC0	4 Pole	405.-	660.-	770.-	930.-	1140.-	1225.-	1485.-	2235.-	10165.-	

90° Operation with complete rotation

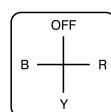


Type <sup>#</sup>	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ____ 1BC00-ORC0	1 Pole	230.-	450.-	540.-	565.-	570.-	715.-	920.-	1075.-	5645.-	1
3LD4 ____ 2BC00-ORC0	2 Pole	305.-	510.-	610.-	680.-	710.-	840.-	1110.-	1385.-	7050.-	
3LD4 ____ 3BC00-ORC0	3 Pole	330.-	610.-	715.-	780.-	925.-	1035.-	1295.-	1855.-	8680.-	
3LD4 ____ 4BC00-ORC0	4 Pole	405.-	660.-	770.-	930.-	1140.-	1225.-	1485.-	2235.-	10165.-	

\* 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-ORC0

## Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



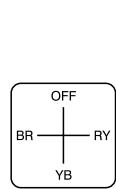
Description	Rating	Type <sup>#</sup>	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	495.-	1
	10A	3LD41024DC200RC0	595.-	
	16A	3LD41034DC200RC0	760.-	
	20A	3LD41044DC200RC0	845.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	490.-	
	10A	3LD41024DD200RC0	590.-	
	16A	3LD41034DD200RC0	745.-	
	20A	3LD41044DD200RC0	940.-	



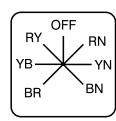
\* LP - List Price

## 3LD4 Control Switches

### Voltmeter Selector Switch (VSS)

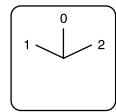


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	365.-	1
	10A	3LD41024DC300RC0	540.-	
	16A	3LD41034DC300RC0	690.-	
	20A	3LD41044DC300RC0	780.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	645.-	1
	10A	3LD41024DC310RC0	725.-	
	16A	3LD41034DC310RC0	930.-	
	20A	3LD41044DC310RC0	1030.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	645.-	1
	10A	3LD41024DF300RC0	1080.-	
	16A	3LD41034DF300RC0	1285.-	
	20A	3LD41044DF300RC0	1395.-	



## Changeover Switch

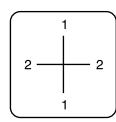
### With OFF (60°)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-0RC0	1P 2W	305.-	555.-	680.-	700.-	715.-	790.-	1075.-	1460.-	7290.-	1
3LD4 ___ 2BB10-0RC0	2P 2W	405.-	680.-	770.-	910.-	965.-	1135.-	1470.-	2205.-	10665.-	
3LD4 ___ 3BB10-0RC0	3P 2W	495.-	840.-	1030.-	1265.-	1465.-	1580.-	1855.-	2970.-	13805.-	
3LD4 ___ 4BB10-0RC0	4P 2W	610.-	930.-	1185.-	1545.-	1945.-	2045.-	2270.-	3755.-	17600.-	



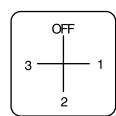
### Without OFF (90°)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1PC10-0RC0	1P 2W	305.-	555.-	680.-	690.-	715.-	790.-	1075.-	1460.-	7290.-	1
3LD4 ___ 2PC10-0RC0	2P 2W	405.-	680.-	770.-	910.-	965.-	1135.-	1470.-	2205.-	10665.-	
3LD4 ___ 3PC10-0RC0	3P 2W	495.-	840.-	1030.-	1265.-	1465.-	1580.-	1855.-	2970.-	13805.-	
3LD4 ___ 4PC10-0RC0	4P 2W	610.-	930.-	1185.-	1545.-	1945.-	2045.-	2270.-	3755.-	17600.-	



## Phase Changeover Switch (PCS)



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC10-0RC0	1P 3W	365.-	490.-	570.-	680.-	690.-	855.-	1255.-	1405.-	5995.-	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 3LD41023BB10-0RC0

## 3LD4 Control Switches

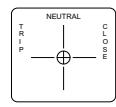
### Breaker Control Switch

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

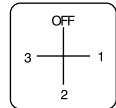
- Pistol grip handle for easy operation
- Spring return operation
- High electrical & mechanical life
- Available in 25A & 32A ratings
- Tested as per IEC 60947-5-1



Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	2010.-	1
	32A	3LD4206-2BB50-ORCO	2370.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	2420.-	
	32A	3LD4206-4BB50-ORCO	2820.-	

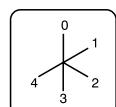
## Multistep Switch

### Multistep 3 Way with OFF



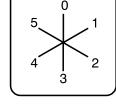
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC40-0RC0	1P 3W	365.-	610.-	710.-	725.-	770.-	860.-	1225.-	1385.-	7050.-	1
3LD4 ___ 2CC40-0RC0	2P 3W	495.-	715.-	860.-	1030.-	1175.-	1260.-	1815.-	2040.-	10980.-	
3LD4 ___ 3CC40-0RC0	3P 3W	715.-	950.-	1460.-	1560.-	1740.-	1890.-	2415.-	3155.-	14355.-	
3LD4 ___ 4CC40-0RC0	4P 3W	920.-	1230.-	1765.-	1935.-	2165.-	2385.-	3240.-	3775.-	18130.-	

### Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1DD40-0RC0	1P 4W	415.-	545.-	1030.-	1115.-	1230.-	1370.-	1550.-	2105.-	6235.-	1
3LD4 ___ 2DD40-0RC0	2P 4W	715.-	1035.-	1215.-	1250.-	1300.-	1505.-	1945.-	2460.-	9630.-	
3LD4 ___ 3DD40-0RC0	3P 4W	1000.-	1390.-	1930.-	2025.-	2165.-	2485.-	3320.-	3775.-	26530.-	

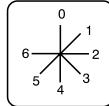
### Multistep 5 Way with OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1EE40-0RC0	1P 5W	470.-	875.-	1185.-	1335.-	1540.-	1560.-	1930.-	2255.-	6635.-	1
3LD4 ___ 2EE40-0RC0	2P 5W	840.-	1355.-	1570.-	1815.-	2100.-	2460.-	2535.-	3165.-	9625.-	

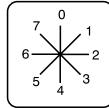
## Multistep Switch

### Multistep 6 Way with OFF



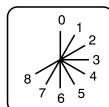
Type <sup>#</sup>	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-ORC0	1P 6W	605.-	985.-	1140.-	1255.-	1370.-	1600.-	1640.-	2655.-	1
3LD4 ___ 2FF40-ORC0	2P 6W	1000.-	1470.-	1650.-	1865.-	2105.-	2550.-	3260.-	4265.-	

### Multistep 7 Way with OFF



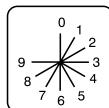
Type <sup>#</sup>	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-ORC0	1P 7W	610.-	1010.-	1250.-	1365.-	1560.-	1635.-	1700.-	2640.-	1

### Multistep 8 Way with OFF



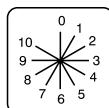
Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORC0	1P 8W	695.-	855.-	1225.-	1420.-	1

### Multistep 9 Way with OFF



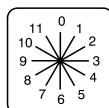
Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORC0	1P 9W	715.-	1040.-	1265.-	1505.-	1

### Multistep 10 Way with OFF



Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-ORC0	1P 10W	840.-	1105.-	1700.-	2285.-	1

### Multistep 11 Way with OFF



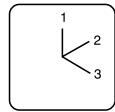
Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORC0	1P 11W	1000.-	1195.-	1865.-	2460.-	1

\* 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-ORC0

## Multistep Switch

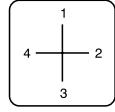


### Multistep 3 Way without OFF



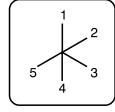
Type <sup>#</sup>	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4_1QB40-ORCO	1P 3W	340.-	590.-	715.-	725.-	910.-	935.-	1450.-	1635.-	6135.-	1
3LD4_2QB40-ORCO	2P 3W	495.-	890.-	1010.-	1110.-	1190.-	1225.-	1815.-	2145.-	10980.-	
3LD4_3QB40-ORCO	3P 3W	715.-	1110.-	1505.-	1610.-	1740.-	1890.-	2655.-	3155.-	11790.-	
3LD4_4QB40-ORCO	4P 3W	920.-	1230.-	1745.-	1980.-	2200.-	2340.-	5160.-	5695.-	12640.-	

### Multistep 4 Way without OFF



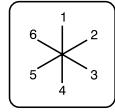
Type <sup>#</sup>	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4_1RC40-ORCO	1P 4W	390.-	645.-	875.-	940.-	1085.-	1140.-	1570.-	2190.-	7475.-	1
3LD4_2RC40-ORCO	2P 4W	555.-	925.-	1030.-	1185.-	1285.-	1405.-	1890.-	2460.-	11540.-	
3LD4_3RC40-ORCO	3P 4W	760.-	910.-	1635.-	1810.-	2045.-	2270.-	2470.-	3300.-	15215.-	

### Multistep 5 Way without OFF



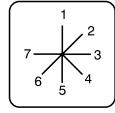
Type <sup>#</sup>	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4_1SD40-ORCO	1P 5W	470.-	675.-	935.-	1075.-	1225.-	1505.-	1930.-	2465.-	6600.-	1
3LD4_2SD40-ORCO	2P 5W	840.-	1140.-	1285.-	1650.-	1935.-	2085.-	2675.-	3390.-	9490.-	

### Multistep 6 Way without OFF



Type <sup>#</sup>	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	490.-	605.-	1175.-	1255.-	1370.-	1560.-	1820.-	2310.-	10980.-	1
3LD4_2TE40-ORCO	2P 6W	950.-	1155.-	1580.-	1980.-	2425.-	2490.-	2535.-	3235.-	21905.-	

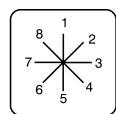
### Multistep 7 Way without OFF



Type <sup>#</sup>	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4_1UF40-ORCO	1P 7W	605.-	770.-	890.-	1230.-	1625.-	1630.-	1945.-	2895.-	1

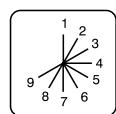
## Multistep Switch

### Multistep 8 Way without OFF



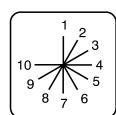
Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ____ 1VG40-ORCO	1P 8W	610.-	1205.-	1330.-	1420.-	1

### Multistep 9 Way without OFF



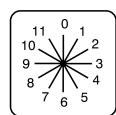
Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ____ 1WH40-ORCO	1P 9W	715.-	1250.-	2110.-	2625.-	1

### Multistep 10 Way without OFF



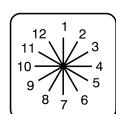
Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ____ 1XJ40-ORCO	1P 10W	770.-	1270.-	2340.-	3155.-	1

### Multistep 11 Way without OFF



Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ____ 1YK40-ORCO	1P 11W	800.-	1300.-	2520.-	3330.-	1

### Multistep 12 Way without OFF



Type <sup>#</sup>	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ____ 1ZL40-ORCO	1P 12W	875.-	1330.-	2625.-	3365.-	1

<sup>#</sup> 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

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

**SIEMENS**

## HRC fuses (DIN) 3NA

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

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

Size	Rated current (A)	Type	Unit MRP® ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	595.-	1/6
	4	3NA78040RC	595.-	1/6
	6	3NA78010RC	595.-	1/6
	10	3NA78030RC	595.-	1/6
	16	3NA78050RC	600.-	1/6
	20	3NA78070RC	600.-	1/6
	25	3NA78100RC	600.-	1/6
	32	3NA78120RC	600.-	1/6
	40	3NA78170RC	625.-	1/6
	50	3NA78200RC	625.-	1/6
	63	3NA78220RC	700.-	1/6
	80	3NA78240RC	770.-	1/6
	100	3NA78300RC	770.-	1/6
00	125	3NA78320RC	920.-	1/6
	160	3NA78360RC	975.-	1/6
1	50	3NA71200RC	1330.-	1/3
	63	3NA71220RC	1330.-	1/3
	80	3NA71240RC	1330.-	1/3
	100	3NA71300RC	1330.-	1/3
	125	3NA71320RC	1390.-	1/3
	160	3NA71360RC	1430.-	1/3
	200	3NA71400RC	1430.-	1/3
	224	3NA71420RC	1490.-	1/3
	250	3NA71440RC	1610.-	1/3
	200	3NA72400RC	1975.-	1/3
2	250	3NA72440RC	2055.-	1/3
	315	3NA72520RC	2130.-	1/3
	400*	3NA72600RC	2130.-	1/3
	315	3NA33520RC	3030.-	1/3
	400	3NA33600RC	3030.-	1/3
3	500	3NA33650RC	3385.-	1/3
	630	3NA33720RC	3465.-	1/3
	800*	3NA33754RC	4220.-	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	675.-	1
1	250	■ 3NG1250	1020.-	1
2	400	■ 3NG1300	1655.-	1
3	630	■ 3NG1400	1715.-	1



## Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP® ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-0RC (Screw-in)	835.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	895.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	1675.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	2370.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	3415.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	4045.-	1/5



## Fuse puller

Description	Type	Unit MRP® ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	4020.-	1
Suitable only for fuse links and isolating links	3NX1010	1680.-	1



## LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	960.-	1/10
00/000	3NX3116	600.-	1/10

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



## HRC fuses (BS) 3NW

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



### Blade tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWNS2	170.-	20
4	■ 3NWNS4	170.-	20
6	■ 3NWNS6	170.-	20
10	■ 3NWNS10	170.-	20
16	■ 3NWNS16	170.-	20
20	■ 3NWNS20	200.-	20
25	■ 3NWNS25	200.-	20
32	■ 3NWNS32	200.-	20

### Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWTIA2	240.-	20
4	■ 3NWTIA4	240.-	20
6	■ 3NWTIA6	240.-	20
10	■ 3NWTIA10	270.-	20
16	■ 3NWTIA16	270.-	20
20	■ 3NWTIA20	270.-	20
25	■ 3NWTIA25	270.-	20
32	■ 3NWTIA32	270.-	20
40	■ 3NWTIS40	370.-	20
50	■ 3NWTIS50	370.-	20
63	■ 3NWTIS63	370.-	20
80	■ 3NWTCP80	950.-	10
100	■ 3NWTCP100	950.-	10
125	■ 3NWTFP125	1930.-	5
160	■ 3NWTFP160	1930.-	5
200	■ 3NWTFP200	1930.-	5

### Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	■ 3NWTC80	1025.-	10
100	■ 3NWTC100	1025.-	10
125	■ 3NWTF125	2110.-	5
160	■ 3NWTF160	2110.-	5
200	■ 3NWTF200	2110.-	5
250	■ 3NWTKF250	2920.-	1
315	■ 3NWTKF315	2920.-	1
355	■ 3NWTMF355	3400.-	1
400	■ 3NWTMF400	3400.-	1
500	■ 3NWTTM500	5340.-	1
630	■ 3NWTTM630	6505.-	1
710	■ 3NWTLM710	7435.-	1
800	■ 3NWTLM800	7435.-	1

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

■ Stock items

\* MRP - Maximum Retail Price

### Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	■ 3NWTSA6	200.-	20
10	■ 3NWTSA10	200.-	20
16	■ 3NWTSA16	200.-	20
20	■ 3NWTSA20	200.-	20
25	■ 3NWTSA25	200.-	20
32	■ 3NWTSA32	200.-	20
36	■ 3NWTSS36	400.-	20
40	■ 3NWTSS40	400.-	20
50	■ 3NWTSS50	400.-	20
63	■ 3NWTSS63	400.-	20
80	■ 3NWTSDS80	750.-	20
100	■ 3NWTSDS100	750.-	20
125	■ 3NWTSP125	945.-	5
160	■ 3NWTSP160	1030.-	5
200	■ 3NWTSP200	945.-	5

### Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	■ 3NWTSDC80	915.-	10
100	■ 3NWTSDC100	915.-	10
125	■ 3NWTSF125	950.-	5
160	■ 3NWTSF160	950.-	5
200	■ 3NWTSF200	950.-	5
250	■ 3NWTSK250	2285.-	1
315	■ 3NWTSK315	2285.-	1
355	■ 3NWTMS355	3815.-	1
400	■ 3NWTMS400	3815.-	1
450	■ 3NWTSTS450	3165.-	1
500	■ 3NWTSTS500	3165.-	1
560	■ 3NWTLS560	6040.-	1
630	■ 3NWTLS630	5125.-	1
800	■ 3NWTLS800	7400.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	■ 3NWCMB32F9	3670.-	10
63	■ 3NWCMB63F9	4305.-	10
100	■ 3NWCMB100F9	4750.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	380.-	10
32	■ 3NW32NNSF	480.-	10
32A (Iso. Link)	■ 3NW32NNSL	210.-	10

Please order in multiples of standard packing.

SINOPLUS THE POWER OF **SIMPLICITY**

# **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**

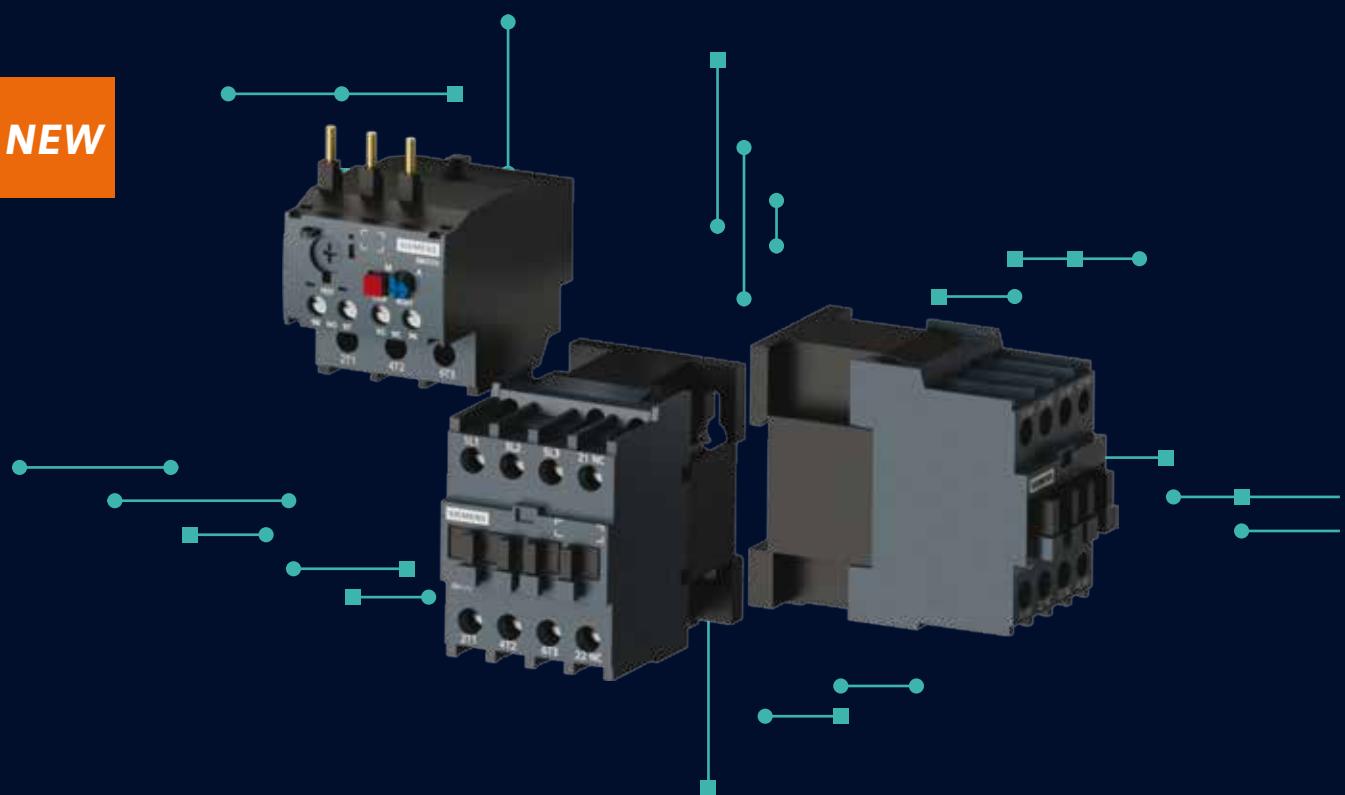
Our contactors and overload relays are compliant with IEC 60947-4-1 and IEC 60947-5-1 standards, RoHS compliant, CE certified, and type-tested



### **Consistent Design**

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

**NEW**





## Power Contactors

Size	AC-3 operational current le upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type <sup>s</sup>	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	■ 3MT7006-0AA10-0A..	1625.-	1
			1 NC	■ 3MT7006-0AA10-0A..	1625.-	1
	9	4	1 NO	■ 3MT7010-0AA10-0A..	1680.-	1
			1 NC	■ 3MT7010-0AA01-0A..	1680.-	1
	12	5.5	1 NO	■ 3MT7012-0AA10-0A..	1850.-	1
			1 NC	■ 3MT7012-0AA01-0A..	1850.-	1
1	18	7.5	1 NO	■ 3MT7018-1AA10-0A..	2065.-	1
			1 NC	■ 3MT7018-1AA01-0A..	2065.-	1
	22	11	1 NO	■ 3MT7022-1AA10-0A..	2525.-	1
			1 NC	■ 3MT7022-1AA01-0A..	2525.-	1
2	25	11	1 NO	■ 3MT7025-2AA10-0A..	2955.-	1
			1 NC	■ 3MT7025-2AA01-0A..	2955.-	1
	32	15	1 NO	■ 3MT7032-2AA10-0A..	6145.-	1
			1 NC	■ 3MT7032-2AA01-0A..	6145.-	1
	38	18.5	1 NO	■ 3MT7038-2AA10-0A..	8450.-	1
			1 NC	■ 3MT7038-2AA01-0A..	8450.-	1
	40	18.5	1 NO	■ 3MT7040-2AA10-0A..	8785.-	1
			1 NC	■ 3MT7040-2AA01-0A..	8785.-	1
3	40	18.5	1NO + 1NC	■ 3MT7040-3AA11-0A..	9770.-	1
	50	22	1NO + 1NC	■ 3MT7050-3AA11-0A..	12360.-	1
	65	30	1NO + 1NC	■ 3MT7065-3AA11-0A..	16115.-	1
4	80	37	1NO + 1NC	■ 3MT7080-4AA11-0A..	24845.-	1
	95	45	1NO + 1NC	■ 3MT7095-4AA11-0A..	25480.-	1
5	120	55	—	■ 3MT7120-5AA00-0A..**	29760.-	1
	140	75	—	■ 3MT7140-5AA00-0A..**	38365.-	1
6	170	90	—	■ 3MT7170-6AA00-0A..**	51705.-	1
	205	110	—	■ 3MT7205-6AA00-0A..**	58840.-	1
7	250	132	—	■ 3MT7250-7AA00-0A..**	70720.-	1
	300	160	—	■ 3MT7300-7AA00-0A..**	85320.-	1
8	400	200	—	■ 3MT7400-8AA00-0A..**	106525.-	1

## Auxiliary Contactors



Operational current AC-15 at 230V	Auxiliary contacts		Type <sup>s</sup>	Unit LP ₹	Std. pkg. (nos.)
	NO	NC			
6	4	—	■ 3MH7040-1A..0		1
6	3	1	■ 3MH7031-1A..0	1740.-	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	295.-	1
	1 NC	3MH7901-OCT10	295.-	1
	2 NO	3MH7920-OCT10	535.-	1
	1 NO + 1 NC	3MH7911-OCT10	535.-	1
	2 NC	3MH7902-OCT10	535.-	1
	4 NO	3MH7940-OCT10	970.-	1
	3 NO + 1 NC	3MH7931-OCT10	970.-	1
	2 NO + 2 NC	3MH7922-OCT10	970.-	1
	1 NO + 3 NC	3MH7913-OCT10	970.-	1
	4 NC	3MH7904-OCT10	970.-	1
First Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7006 - 3MT7095	2 NO	3MH7920-OCL10	1130.-	1
	1NO + 1NC	3MH7911-OCL10	1130.-	1
3MT7120 - 3MT7400	1NO + 1NC	3MH79110CL21	1365.-	1
Second Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7120 - 3MT7400	1NO + 1NC	3MH79110CL22	1365.-	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	4220.-	1
		0.1-30	3MT7900-OPN20	4220.-	1
		10-180	3MT7900-OPN30	4220.-	1
	OFF delay	0.1-3	3MT7900-OPF10	4460.-	1
		0.1-30	3MT7900-OPF20	4460.-	1
		10-180	3MT7900-OPF30	4460.-	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	845.-	1
110-240V	3MT7900-1SL21	845.-	1
380-440V	3MT7900-1SV21	1090.-	1
Surge suppressor (Varistor) for 3MT7120 - 3MT7400			
Less than 48V	3MT7900-2SC22	1170.-	10
48 - 127V	3MT7900-2SF22	1170.-	10
127 - 240V	3MT7900-2SL22	1170.-	10
240 - 400V	3MT7900-2SV02	1240.-	10
400 - 600V	3MT7900-2SR02	1240.-	10

### Interlock

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Interlock			
3MT7006 - 3MT7040 (Size 0,1,2)	3MT7900-1XM01	945.-	1
3MT7040 - 3MT7065 (Size 3)	3MT7900-1XM02	2110.-	1
3MT7080 - 3MT7095 (Size 4)	3MT7900-1XM03	2855.-	1
3MT7120 - 3MT7140 (Size 5)	3MT7900-1XM04	6100.-	1
3MT7170 - 3MT205 (Size 6)	3MT7900-1XM05	6980.-	1
3MT7250 - 3MT7300 (Size 7)	3MT7900-1XM06	8400.-	1
3MT7400 (Size 8)	3MT7900-1XM07	8975.-	1
3MT7120 - 3MT7205 (Size 5 / Size 6 )	3MT7900-1XM45	6980.-	1
3MT7170 - 3MT300 (Size 6 / Size 7)	3MT7900-1XM56	8400.-	1
Electro-mechanical Interlock			
3MT7006 - 3MT7040 (Size 0, 1, 2)	3MT7900-1XE01	1035.-	1
3MT7040 - 3MT7065 (Size 3)	3MT7900-1XE02	2230.-	1
3MT7080 - 3MT7095 (Size 4)	3MT7900-1XE03	3030.-	1

## Spares: 3MT7 Contactors

### Spare top housing

Size	AC-3 operational current le 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	1640.-	1
			1 NC	3MT7906-0HA01	1640.-	1
	9	4	1 NO	3MT7910-0HA10	1700.-	1
			1 NC	3MT7910-0HA01	1700.-	1
	12	5.5	1 NO	3MT7912-0HA10	1820.-	1
			1 NC	3MT7912-0HA01	1820.-	1
1	18	7.5	1 NO	3MT7918-1HA10	1940.-	1
			1 NC	3MT7918-1HA01	1940.-	1
	22	11	1 NO	3MT7922-1HA10	2075.-	1
			1 NC	3MT7922-1HA01	2075.-	1
2	25	11	1 NO	3MT7925-2HA10	2370.-	1
			1 NC	3MT7925-2HA01	2370.-	1
	32	15	1 NO	3MT7932-2HA10	4610.-	1
			1 NC	3MT7932-2HA01	4610.-	1
	38	18.5	1 NO	3MT7938-2HA10	6670.-	1
			1 NC	3MT7938-2HA01	6670.-	1
	40	18.5	1 NO	3MT7940-2HA10	7275.-	1
			1 NC	3MT7940-2HA01	7275.-	1
3	40	18.5	1NO + 1NC	3MT7940-3HA11	7880.-	1
	50	22	1NO + 1NC	3MT7950-3HA11	8675.-	1
	65	30	1NO + 1NC	3MT7965-3HA11	9535.-	1
4	80	37	1NO + 1NC	3MT7980-4HA11	13585.-	1
	95	45	1NO + 1NC	3MT7995-4HA11	15890.-	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 le upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
5	120	55	–	3MT7912-0KA00	16120.-	1
	140	75	–	3MT7914-0KA00	20280.-	1
6	170	90	–	3MT7917-0KA00	25485.-	1
	205	110	–	3MT7920-5KA00	27185.-	1
7	250	132	–	3MT7925-0KA00	32705.-	1
	300	160	–	3MT7930-0KA00	38450.-	1
8	400	200	–	3MT7940-0KA00	50880.-	1

### Spare Coil

For Contactor (AC3 Rating)	Type <sup>s</sup>	Unit LP ₹	Std. pkg. (nos.)
3MT7006 - 3MT7022	3MT79000L..1	1065.-	1
3MT7025 - 3MT7040	3MT79000L..2	1850.-	1
3MT7040 - 3MT7095	3MT79000L..3	2975.-	1
3MT7120 - 3MT7140	3MT79000L..5	4620.-	1
3MT7170 - 3MT7205	3MT79000L..6	5860.-	1
3MT7250 - 3MT7300	3MT79000L..7	7080.-	1
3MT7400	3MT79000L..8	10285.-	1

### Coil code (AC)

\$ Please enter coil codes from table below

Frequency	Coil Codes			
	24V	110V	230V	415V
50/60Hz	C2	F2	L2	R2 <sup>#</sup>

#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	2755.-	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		1
		9 - 13	■ 3MU7110-0NA0		1
		12 - 18	■ 3MU7110-0PA0	2820.-	1
		17 - 25	■ 3MU7110-0QA0	2860.-	1
2	3MT7025 - 3MT7040 Size 2	23 - 32	■ 3MU7210-1AA0	4990.-	1
		28 - 36	■ 3MU7210-1BA0		1
3	3MT7040 - 3MT7095 Size 3, 4	23 - 32	■ 3MU7310-2AA0	5220.-	1
		30 - 40	■ 3MU7310-2BA0		1
		37 - 50	■ 3MU7310-2CA0		1
		48 - 65	■ 3MU7310-2DA0		1
	3MT7080 - 3MT7095 Size 4	55 - 70	■ 3MU7310-2EA0	6385.-	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	12005.-	1
	115 - 180A	■ 3MU7410-3BA1	15135.-	1
	160 - 250A	■ 3MU7410-3CA1	18335.-	1
	200 - 320A	■ 3MU7410-3DA1	18525.-	1
	250 - 400A	■ 3MU7410-3EA1	20715.-	1
5	312 - 500A	■ 3MU7510-4AA1	23990.-	1

Accessories	Size	Type	Unit LP ₹	Std. pkg. (nos.)
Relay stand-alone installation kit		Size 1	■ 3MU7900-0MA10	710.-
		Size 2	■ 3MU7900-0MA20	900.-
		Size 3	■ 3MU7900-0MA30	1880.-
Relay setting dial sealing cover		Size 1, 2, 3	■ 3MU7900-0CA00	270.-

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

For enquiries email at [info@sbsyscon.in](mailto:info@sbsyscon.in) or call at +91-9899598955/900



# SINOPLUS 3MT7

## Capacitor Duty Contactors

Reliable Switching

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

**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.)
2.5kvar	1NO	3MT70002JA106A..	2705.-	1NC	3MT70002JA016A..	2705.-	1
5kvar	1NO	3MT70005JA106A..	2990.-	1NC	3MT70005JA016A..	2990.-	1
7.5kvar	1NO+1NC	3MT70007JA116A..	3295.-	2NC	3MT70007JA026A..	3295.-	1
10kvar	1NO+1NC	3MT70010JA116A..	4105.-	2NC	3MT70010JA026A..	4105.-	1
12.5kvar	1NO+1NC	3MT70012JA116A..	4190.-	2NC	3MT70012JA026A..	4190.-	1
16.7kvar	1NO+1NC	3MT70016JA116A..	5555.-	2NC	3MT70016JA026A..	5555.-	1
20kvar	1NO+1NC	3MT70020JA116A..	6175.-	2NC	3MT70020JA026A..	6175.-	1
25kvar	1NO+1NC	3MT70025JA116A..	7080.-	2NC	3MT70025JA026A..	7080.-	1
33.3kvar	1NO+2NC	3MT70033JA126A..	10730.-				1
40kvar	1NO+2NC	3MT70040JA126A..	17320.-				1
50kvar	1NO+2NC	3MT70050JA126A..	20275.-				1
60kvar	1NO+2NC	3MT70060JA126A..	21550.-				1
80kvar	1NO+2NC	3MT70080JA126A..	26455.-				1
100kvar	1NO+2NC	3MT70100JA126A..	27490.-				1

@ Please enter coil codes from table below

#### Coil for Contactors 2.5 to 60 kvar

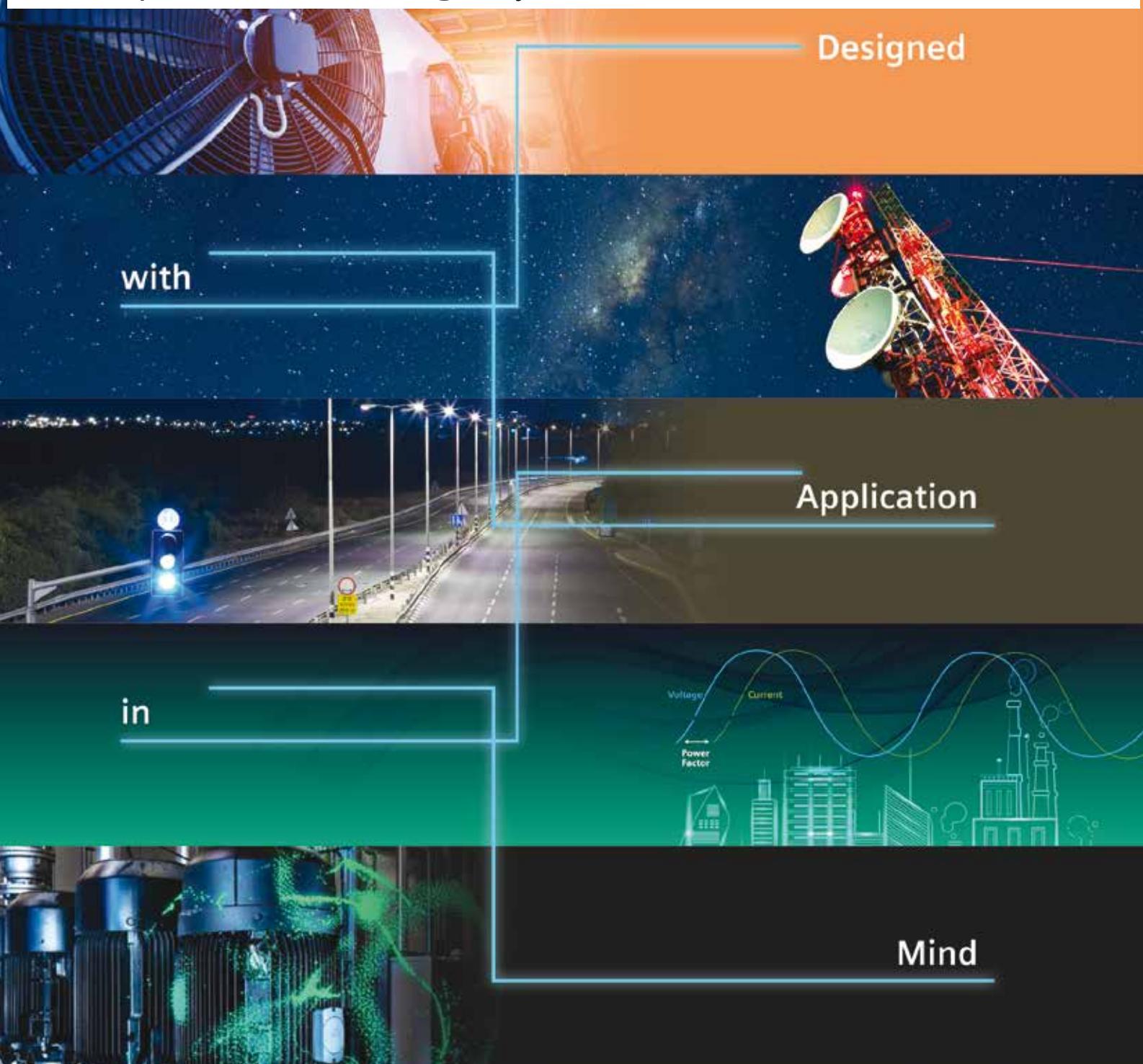
Frequency	24V AC	110V AC	220V AC	240V AC	415V AC
50/60 Hz	C2	G2	N2 ■	P2 ■	R2

#### 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	810.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	955.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2460.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2685.-	1
Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	605.-	10
2NC	3MT70200CL09M1A	605.-	10



**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.)	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	1815.-	1	32 A	—	110 V	3TS34 00-0AF0-08K	6350.-	1
	1 NO	230 V	3TS30 10-0AP0-08K		1		—	230 V	3TS34 00-0AP0-08K		1
	1 NO	415 V	3TS30 10-0AR0-08K		1		—	415 V	3TS34 00-0AR0-08K		1
	1 NC	110 V	3TS30 01-0AF0-08K		1	40 A	—	110 V	3TS35 00-0AF0-08K	9210.-	1
	1 NC	230 V	3TS30 01-0AP0-08K		1		—	230 V	3TS35 00-0AP0-08K		1
	1 NC	415 V	3TS30 01-0AR0-08K		1		—	415 V	3TS35 00-0AR0-08K		1
12 A	1 NO	110 V	3TS31 10-0AF0-08K	2005.-	1	50 A	—	110 V	3TS36 00-0AF0-08K	12770.-	1
	1 NO	230 V	3TS31 10-0AP0-08K		1		—	230 V	3TS36 00-0AP0-08K		1
	1 NO	415 V	3TS31 10-0AR0-08K		1		—	415 V	3TS36 00-0AR0-08K		1
	1 NC	110 V	3TS31 01-0AF0-08K		1	65 A	2NO+2NC	110 V	3TS47 22-0AF0-08K	18130.-	1
	1 NC	230 V	3TS31 01-0AP0-08K		1		2NO+2NC	230 V	3TS47 22-0AP0-08K		1
	1 NC	415 V	3TS31 01-0AR0-08K		1		2NO+2NC	415 V	3TS47 22-0AR0-08K		1
18 A	1 NO	110 V	3TS32 10-0AF0-08K	2245.-	1	75 A	2NO+2NC	110 V	3TS48 22-0AF0-08K	23600.-	1
	1 NO	230 V	3TS32 10-0AP0-08K		1		2NO+2NC	230 V	3TS48 22-0AP0-08K		1
	1 NO	415 V	3TS32 10-0AR0-08K		1		2NO+2NC	415 V	3TS48 22-0AR0-08K		1
	1 NC	110 V	3TS32 01-0AF0-08K		1	85 A	2NO+2NC	110 V	3TS49 22-0AF0-08K	27610.-	1
	1 NC	230 V	3TS32 01-0AP0-08K		1		2NO+2NC	230 V	3TS49 22-0AP0-08K		1
	1 NC	415 V	3TS32 01-0AR0-08K		1		2NO+2NC	415 V	3TS49 22-0AR0-08K		1
25 A	—	110 V	3TS33 00-0AF0-08K	2880.-	1	105 A	2NO+2NC	110 V	3TS50 22-0AF0-08K	33350.-	1
	—	230 V	3TS33 00-0AP0-08K		1		2NO+2NC	230 V	3TS50 22-0AP0-08K		1
	—	415 V	3TS33 00-0AR0-08K		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	320.-	10
	1NC	■ 3TX4 001-2A	320.-	10
	1NO (Extd)	■ 3TX4 010-4A	495.-	10
	1NC (Extd)	■ 3TX4 001-4A	495.-	10
3TS47 to 50	Second 1NO+1NC Left	■ 3TY7 561-1KA00 8K	1465.-	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	1750.-	1
3TS34		3TS91 34-00 8K	2415.-	1
3TS35		3TS91 35-00 8K	4630.-	1
3TS36		3TS91 36-00 8K	6360.-	1
3TS47		3TS91 47-00 8K	6810.-	1
3TS48		3TS91 48-00 8K	9945.-	1
3TS49		3TS91 49-00 8K	13320.-	1
3TS50		3TS91 50-00 8K	17815.-	1

For higher ratings please get in touch with your sales office

Coil voltage AC	Type	Unit LP ₹		Std. pkg. (nos.)
		DC	AC	
<b>Surge suppressor (varistor) for 3TS30-36</b>				
24 - 48 V	24 - 70 V	■ 3TX7 402-3GY1	915.-	10
48 - 127V	70 - 150V	■ 3TX7 402-3HY1	915.-	10
127 - 240V	150 - 250V	■ 3TX7 402-3JY1	915.-	10
240 - 400V	—	3TX7 402-3KY1	1175.-	10
400 - 600V	—	3TX7 402-3LY1	1175.-	10
<b>Surge suppressor (varistor) for 3TS47-50</b>				
Less than 48V	24 - 70V	■ 3TX7 462-3GY1	1255.-	10
48 - 127V	70 - 150V	■ 3TX7 462-3HY1	1255.-	10
127 - 240V	150 - 250V	■ 3TX7 462-3JY1	1255.-	10
240 - 400V	—	3TX7 462-3KY1	1330.-	10
400 - 600V	—	3TX7 462-3LY1	1330.-	10
<b>Surge suppressor (RC unit) for 3TS30-36</b>				
24 - 48 V	24 - 70 V	3TX7 402-3RY2	1460.-	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

Smart. Easy. Reliable

**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#	1010.-	10
3TS47 - 3TS48	■ 3TX7 466-1YA0	3580.-	2
3TS49 - 3TS50	■ 3TX7 486-1YA0	5835.-	2

# W/o base plate (not required)

**AC coils (50 Hz) spare coils**

For contactor	Type <sup>†</sup>	Unit LP ₹	Std.pkg. (nos.)
		For 110/230/ 415V 50Hz	
3TS30 - 3TS34	■ 3TY7 403-0A..	1250.-	1
3TS35 - 3TS36	■ 3TY7 443-0A..	1540.-	1
3TS47 - 3TS48	■ 3TY7 463-0A..	2675.-	1
3TS49 - 3TS50	■ 3TY7 483-0A..	4880.-	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	1920.-	1
3TS48		3TS93 48-00 8K	2345.-	1
3TS49		3TS93 49-00 8K	3385.-	1
3TS50		3TS93 50-00 8K	3945.-	1



**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	2990.-	1	
		1.0 - 1.6	3US50 00-1A8K	2990.-	1	
		1.6 - 2.5	3US50 00-1C8K	2990.-	1	
		2.5 - 4.0	3US50 00-1E8K	2990.-	1	
		4.0 - 6.3	3US50 00-1G8K	3005.-	1	
		6.3 - 10	3US50 00-1J8K	3065.-	1	
		8 - 12.5	3US50 00-1K8K	3065.-	1	
		10 - 16	3US50 00-2S8K	3100.-	1	
		12.5 - 18	3US50 00-2B8K	3100.-	1	
3US52 00	3TS33 3TS34	12.5 - 20	3US52 00-2B8K	3445.-	1	
		16 - 25	3US52 00-2C8K	3445.-	1	
3US55 00	3TS35 3TS36	25 - 32	3US55 00-2D8K	5260.-	1	
3US56 00		20 - 32	3US56 00-2D8K	5415.-	1	
		25 - 36	3US56 00-2Q8K	5415.-	1	
		32 - 40	3US56 00-2R8K	5665.-	1	
		36 - 45	3US56 00-8M8K	5665.-	1	
3US58 00	3TS47 3TS48 3TS49 3TS50	40 - 57	3US58 00-2T8K	7285.-	1	
		50 - 63	3US58 00-2P8K	9110.-	1	
		57 - 70	3US58 00-2V8K	9110.-	1	
		63 - 80	3US58 00-2U8K	9110.-	1	
		70 - 95	3US58 00-8Y8K	9110.-	1	
		85 - 105	3US58 00-5C8K	9670.-	1	

**Individual mounting accessory**

For relay type	Description	Type	Unit LP ₹	Std. pkg. (nos.)
Accessory for individual mounting		3US91 50-008K	770.-	1
		3US91 52-008K	805.-	1
		3US91 55-008K	965.-	1
		3US91 56-008K	965.-	1
		3US91 58-008K	1020.-	1

For higher ratings please get in touch with your sales office

**Accessories for birelays**

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Resetting plunger funnel	3US5	3UX10 11 3UX10 13	350.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3US5	3UX10 15 3UX10 16	485.-	5 5
Protection cover	3US5	3UX11 10 1YA 3UX11 11 1YA	410.-	10 10

■ Stock items

## 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	14690.-	1
4	145	3TS5022-0A..1-8K	25595.-	1
6	200	3TS5122-0A..1-8K	34465.-	1
6	225	3TS5222-0A..1-8K	39980.-	1
8	275	3TS5322-0A..1-8K	56805.-	1
8	325	3TS5422-0A..1-8K	64215.-	1
10	400	3TS5522-0A..1-8K	72650.-	1
12	525	3TS5622-0A..1-8K	99460.-	1

\* for 3TS48-3TF56

	AC Coil (50Hz)	
Code	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	1300.-	1
12	1NO	3TS3110-0A..2-8K	1445.-	1
18	1NO	3TS3210-0A..2-8K	1675.-	1
25	-	3TS3300-0A..2-8K	2075.-	1
32	-	3TS3400-0A..2-8K	4565.-	1
40	-	3TS3500-0A..2-8K	6520.-	1
50	-	3TS3600-0A..2-8K	8290.-	1
65	2NO+2NC	3TS4722-0A..2-8K	12460.-	1
75	2NO+2NC	3TS4822-0A..2-8K	14690.-	1
85	2NO+2NC	3TS4922-0A..2-8K	17105.-	1
105	2NO+2NC	3TS5022-0A..2-8K	22525.-	1
140	2NO+2NC	3TS5122-0A..2-8K	27375.-	1
160	2NO+2NC	3TS5222-0A..2-8K	37230.-	1
205	2NO+2NC	3TS5322-0A..2-8K	41020.-	1
250	2NO+2NC	3TS5422-0A..2-8K	47100.-	1
300	2NO+2NC	3TS5522-0A..2-8K	59430.-	1
400	2NO+2NC	3TS5622-0A..2-8K	76865.-	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	9270.-	1
3TS50		3TS9150-01-8K	16540.-	1
3TS51		3TS9151-01-8K	22495.-	1
3TS52		3TS9152-01-8K	25155.-	1
3TS53		3TS9153-01-8K	35710.-	1
3TS54		3TS9154-01-8K	39690.-	1
3TS55		3TS9155-01-8K	43660.-	1
3TS56		3TS9156-01-8K	58225.-	1

#### Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	2675.-
3TS50	3TY7483-0A..	4880.-
3TS51/52	3TY7503-0A..	4970.-
3TS53/54	3TY7523-0A..	6295.-
3TS55	3TY7543-0A..	7615.-
3TS56	3TY7563-0A..	11065.-



# 3TS 4 Pole Contactors for Power Applications

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



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil <sup>1)</sup>	Unit LP ₹		DC Coil <sup>1)</sup>	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	2085.-		3TS3100-0B..4-8K	4125.-	
Size 0	25A	3TS3200-0A..4-8K	2200.-		3TS3200-0B..4-8K	4675.-	
Size 1	35A	3TS3300-0A..4-8K	2480.-		3TS3300-0B..4-8K	5330.-	
Size 1	40A	3TS3400-0A..4-8K	3265.-		3TS3400-0B..4-8K	7885.-	
Size 2	45A	3TS3500-0A..4-8K	3825.-	4690.-	3TS3500-0B..4-8K		9075.-
Size 2	50A	3TS3600-0A..4-8K	4245.-	5150.-	3TS3600-0B..4-8K		11505.-
Size 2	65A	3TS3700-0A..4-8K	8330.-	9265.-	3TS3700-0B..4-8K		16185.-
Size 2	65A*	3TS3700-0A..4-8KA0	9405.-	10325.-	3TS3700-0B..4-8KA0		18560.-

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			DC
	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	Type	Unit LP ₹	Mechanical Interlock	Type	Unit LP ₹
1 NO	3TX40 10-2A	320.-	Size 0 and Size 1	3TX4091-1A	1010.-
1 NC	3TX40 01-2A	320.-	S2	3TX4091-1A + 3TX4091-1G**	1010.- 265.-

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	915.-	3TX7402-3RY2	1460.-
		48 - 127V	70 - 150V	3TX7402-3HY1	915.-	3TX7402-3SY2	
		127 - 240V	150 - 250V	3TX7402-3JY1	915.-	3TX7402-3TY2	
		240 - 400V	-	3TX7402-3KY1	1175.-	3TX7402-3UY2	
Size 2	Electronic Coil	81-273V AC				3TX7402-3PY2	1460.-
			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	2215.-
Size 1	40A	3TS3400	3TS9134-0E	3130.-
Size 2	45A	3TS3500	3TS9135-0E	4755.-
Size 2	50A	3TS3600	3TS9136-0E	5605.-
Size 2	65A	3TS3700	3TS9137-0E	5610.-
Size 2	65A*	3TS3700	3TS9137-0A	8125.-

\* 50A AC-3 rating

**Spare Coils**

Contactor Size	Type <sup>2)</sup>	Unit LP ₹	Type <sup>2)</sup>	Unit LP ₹
	AC		DC	
Size 0	3TS9231-0A..4-8K	1295.-	3TS9231-0B..4-8K	1770.-
Size 1	3TS9233-0A..4-8K	1390.-	3TS9233-0B..4-8K	1850.-
Size 2	3TS9235-0A..4-8K (Standard)	1540.-		
Size 2	3TS9235-0A..4-8K (Electronic)	2235.-	3TS9235-0B..4-8K (Electronic)	2650.-

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

**3TS Single Pole LED Contactors**

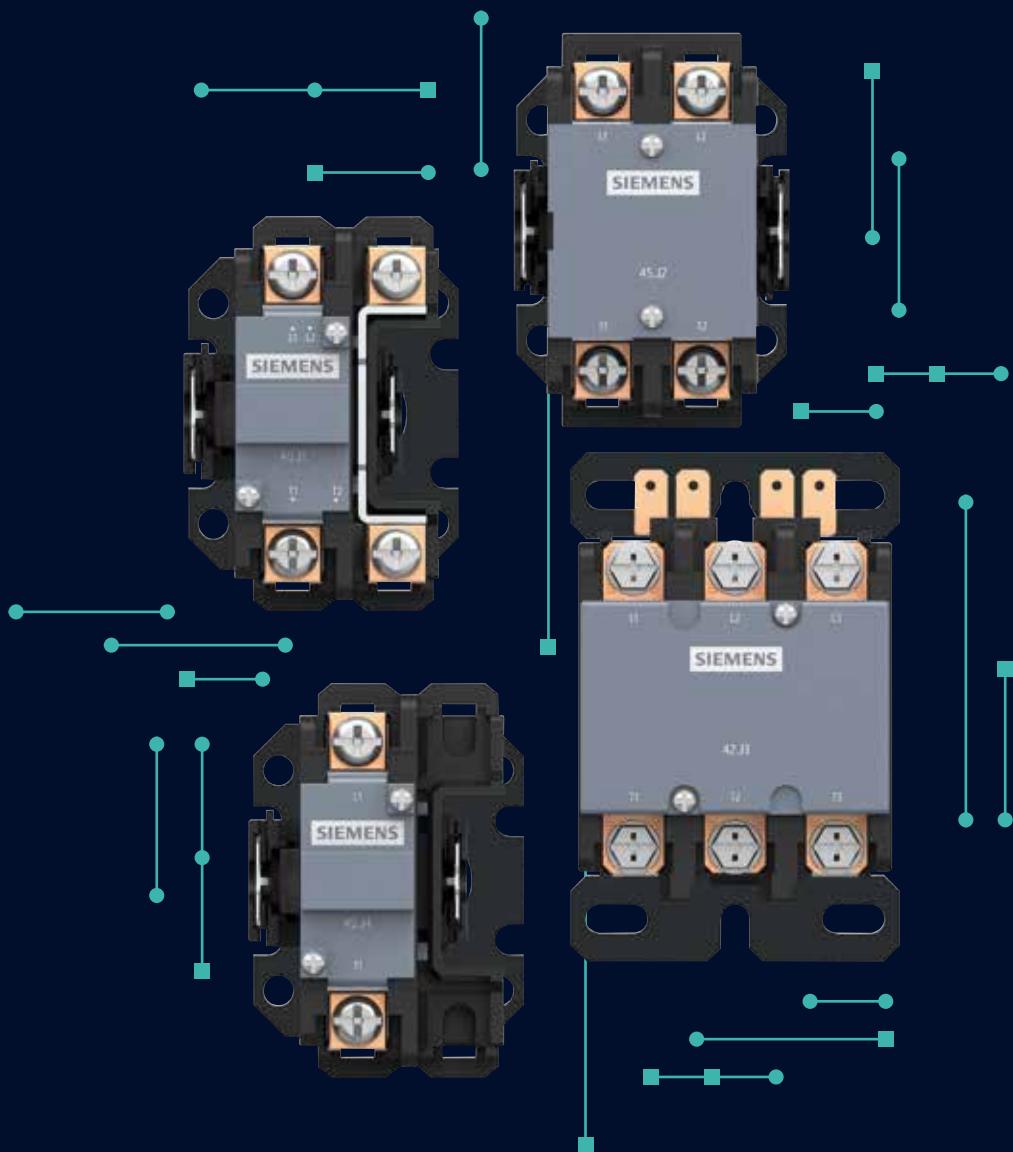
Siemens 3TS LED Contactors been designed keeping in mind the challenges in LED lamp switching applications and thus offers a highly reliable & safe solution to the customer

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

Price on request



# Definite Purpose Contactors 45.J & 42.J



## 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	1360.-	1
	30A ■	45DJ10A_B	45DJ10A_C	1405.-	1
	40A	45EJ10A_B	45EJ10A_C	1450.-	1
1 Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1285.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1325.-	1
	40A	45EJ40A_B	45EJ40A_C	1375.-	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	1630.-	1
	30A ■	45DJ20A_D	45DJ20A_E	1645.-	1
	40A ■	45EJ20A_D	45EJ20A_E	1695.-	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	2095.-	1
	25A	42CJ35A_D	42CJ35A_E	2130.-	1
	30A	42DJ35A_D	42DJ35A_E	2150.-	1
	40A ■	42EJ35A_D	42EJ35A_E	2195.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	2595.-	1
	25A	42CJ36A_D	42CJ36A_E	2625.-	1
	30A	42DJ36A_D	42DJ36A_E	2640.-	1
	40A ■	42EJ36A_D	42EJ36A_E	2695.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	395.-	1
2 Pole contactor	75J29A_	480.-	1
3 Pole contactor	75J39A_	540.-	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

# SIEMENS



## Continuing the Legacy...

**3VS Motor Protection Circuit Breakers**

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

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	5520.-	3VS1300-1MB00	6615.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00		1
0.4 - 0.6	3VS1300-0ME00	6425.-	3VS1300-1ME00	7525.-	1
0.6 - 1	3VS1300-0MF00		3VS1300-1MF00	7815.-	1
1 - 1.6	3VS1300-0MG00	6475.-	3VS1300-1MG00	7890.-	1
1.6 - 2.4	3VS1300-0MH00		3VS1300-1MH00		1
2 - 3.2	3VS1300-0NH00	6775.-	3VS1300-1NH00	7960.-	1
2.4 - 4	3VS1300-0MJ00		3VS1300-1MJ00		1
3.2 - 5	3VS1300-0NJ00		3VS1300-1NJ00		1
4 - 6	3VS1300-0MK00		3VS1300-1MK00		1
5 - 8	3VS1300-0NK00	6840.-	3VS1300-1NK00	8040.-	1
6 - 10	3VS1300-0ML00		3VS1300-1ML00		1
8 - 13	3VS1300-0NL00		3VS1300-1NL00		1
10 - 16	3VS1300-0MM00	8230.-	3VS1300-1MM00	9235.-	1
14 - 20	3VS1300-0MN00	8385.-	3VS1300-1MN00	9410.-	1
18 - 25	3VS1300-0MP00	9355.-	3VS1300-1MP00	10040.-	1

## Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)	Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	1715.-	1	Three-phase busbar for 3VS13 only		busbars for 2 MPCBs	3VU9135-1AB02	1885.- 1
Short-circuit signaling switch	1 NO + 1 NC	■ 3VU9131-7AA00	1980.-	1			busbars for 3 MPCBs	3VU9135-1AB03	2275.- 1
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00	1265.-	1			busbars for 4 MPCBs	3VU9135-1AB04	2920.- 1
							busbars for 5 MPCBs	3VU9135-1AB05	3290.- 1
					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® ■ 3VU9163-Z®	4430.- 4720.- 1 1
					Front drive for 3VS	Fixed coupler	■ 8UC616*	1355.-	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	535.-	1
3VS13	6 to 25A	3TS33 / 34	16 / 22A	3TS9002-8K	640.-	1

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

# MRP



■ Stock items

Please order in multiples of standard packing.

Siemens switchgear. Tried, tested, trusted.

## 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

for more info  
scan QR code

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	2010.-	1	
	Self powered	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	4705.-	1	
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	4310.-	1	
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	3425.-	1	
Current Monitoring relay	230 V AC	1Ph-2W	7UG0822-1AD20	5310.-	1	
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	6775.-	1	
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	6450.-	1	
Earth leakage relay	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	7150.-	1	
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	7225.-	1	
CBCT for ELR	35mm		7UG09-96	2600.-	1	
	70mm		7UG09-97	2975.-	1	
	120mm		7UG09-99	5065.-	1	
	210mm		7UG0 994*	9740.-	1	
	310mm		7UG0 995*	14520.-	1	
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W		7UG0861-1BU20	7390.-	1	
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P		7UG09910	2550.-	1	
	Core Balance CT 160 frame, 4P		7UG09911	2910.-	1	
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P		7UG09912	3080.-	1	
	Core Balance CT 250 frame, 4P		7UG09913	3630.-	1	
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P		7UG09914	4540.-	1	
	Core Balance CT 630 frame, 4P		7UG09915	4915.-	1	
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display		7UG0571-1FT20	28310.-	1	
	12 Stage with LCD display		7UG0572-1GT20	30325.-	1	
	12 stage with LED display		7UG0572-1GT21	17340.-	1	
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output			7UG0 480-1IU20	5425.-	1
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	2805.-	1	
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	840.-	1	
Thermistor protection relay	110-240V AC/DC		7UG0881-1BU20	3265.-	1	

## 7PVO timers

Description			Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC		7PV0712-1AD20	1985.-	1
Multifunction timer with digital display	20-240V AC/DC	15 functions	7PV0732-1AV20	3895.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	10 functions	7PV0723-1AZ20	2600.-	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

Now in  
TI - GREY**NEW**

Relay	Standard Features	Control supply voltage* (V)	Type	Unit LP ₹	Std. pkg. (nos.)
<b>1CO</b>					
	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0AC00	440.- 10
			48	7RQ0100-0AD00	585.- 10
			110	7RQ0100-0AE00	790.- 10
		AC	24	7RQ0100-0AM10	555.- 10
			48	7RQ0100-0AN10	790.- 10
			110	7RQ0100-0AP10	825.- 10
			230	7RQ0100-0AR10	845.- 10
<b>2CO</b>					
	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0BC00	605.- 10
			48	7RQ0100-0BD00	725.- 10
			110	7RQ0100-0BE00	780.- 10
		AC	24	7RQ0100-0BM10	705.- 10
			48	7RQ0100-0BN10	780.- 10
			110	7RQ0100-0BP10	800.- 10
			230	7RQ0100-0BR10	815.- 10
<b>2CO</b>					
	• LED indicator	DC	24	7RQ0110-0BC00	780.- 10
			48	7RQ0110-0BD00	955.- 10
			110	7RQ0110-0BE00	1035.- 10
		AC	24	7RQ0110-0BM00	935.- 10
			48	7RQ0110-0BN00	1050.- 10
			110	7RQ0110-0BP00	1035.- 10
			230	7RQ0110-0BR00	1075.- 10
<b>3CO</b>					
	• LED indicator	DC	24	7RQ0100-0CC00	1000.- 10
			48	7RQ0100-0CD00	1050.- 10
			110	7RQ0100-0CE00	1220.- 10
		AC	24	7RQ0100-0CM00	1060.- 10
			48	7RQ0100-0CN00	1120.- 10
			110	7RQ0100-0CP00	1200.- 10
			230	7RQ0100-0CR00	1220.- 10
<b>4CO</b>					
	• LED indicator	DC	24	7RQ0100-0DC00	920.- 10
			48	7RQ0100-0DD00	965.- 10
			110	7RQ0100-0DE00	1090.- 10
		AC	24	7RQ0100-0DM00	955.- 10
			48	7RQ0100-0DN00	975.- 10
			110	7RQ0100-0DP00	1060.- 10
			230	7RQ0100-0DR00	1075.- 10

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

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
<b>1CO</b>				
10A	PCB mounted	7RQ0202-1AX00	150.-	10
<b>2CO</b>				
6A	PCB mounted	7RQ0202-1BX00	150.-	10
<b>2CO</b>				
10A	PCB mounted	7RQ0202-1BX00	180.-	10
<b>3CO</b>				
10A	Din rail mounting	7RQ0211-1BX00	445.-	10
<b>4CO</b>				
7A	PCB mounted	7RQ0202-1DX00	240.-	10
<b>4CO</b>				
7A	Din rail mounting	7RQ0201-1DX00	425.-	10

Siemens switchgear. Tried, tested, trusted.

## 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		10
		Green	■ 3SB5285-6HE01	440.-	10
		Amber	■ 3SB5285-6HL01		10
		Blue	■ 3SB5285-6HF01	1105.-	10
		White	3SB5285-6HG01		10
		Yellow	3SB5285-6HD01	440.-	10
		Clear	3SB5285-6HH01		10
	30V DC®	Red	3SB5285-6HC13		10
		Green	3SB5285-6HE13	490.-	10
		Amber	3SB5285-6HL13		10
		Blue	3SB5285-6HF13	1265.-	10
		White	3SB5285-6HG13		10
		Yellow	3SB5285-6HD13	490.-	10
		Clear	3SB5285-6HH13		10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02		10
		Green	■ 3SB5285-6HE02	440.-	10
		Amber	■ 3SB5285-6HL02		10
		Blue	■ 3SB5285-6HF02	1105.-	10
		White	3SB5285-6HG02		10
		Yellow	3SB5285-6HD02	440.-	10
		Clear	3SB5285-6HH02		10
	110 V DC®	Red	■ 3SB5285-6HC04		10
		Green	■ 3SB5285-6HE04	490.-	10
		Amber	■ 3SB5285-6HL04		10
		Blue	■ 3SB5285-6HF04	1265.-	10
		White	3SB5285-6HG04		10
		Yellow	3SB5285-6HD04	490.-	10
		Clear	3SB5285-6HH04		10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03		10
		Green	■ 3SB5285-6HE03	440.-	10
		Amber	■ 3SB5285-6HL03		10
		Blue	■ 3SB5285-6HF03	1105.-	10
		White	3SB5285-6HG03		10
		Yellow	3SB5285-6HD03	440.-	10
		Clear	3SB5285-6HH03		10
	220 V DC®	Red	■ 3SB5285-6HC05		10
		Green	■ 3SB5285-6HE05	490.-	10
		Amber	■ 3SB5285-6HL05		10
		Blue	■ 3SB5285-6HF05	1265.-	10
		White	3SB5285-6HG05		10
		Yellow	3SB5285-6HD05	490.-	10
		Clear	3SB5285-6HH05		10

Now also available in 415V - Prices on request

Wide band compact LED indicating lamps

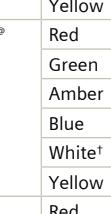
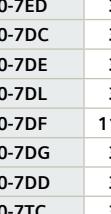
	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 to 240 V AC & 24 to 220 V DC <b>NEW</b>	Red	■ 3SB5235-6HC14		10
		Green	■ 3SB5235-6HE14	735.-	10
		Amber	■ 3SB5235-6HL14		10
		Blue	■ 3SB5235-6HF14	1255.-	10
		White	3SB5235-6HG14	735.-	10
		Yellow	3SB5235-6HD14	970.-	10
		Clear	3SB5235-6HH14		10

Modular Indicating Lamps (with plastic front ring)

Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00		10
		■ 3SB5201-6BE00		10
		■ 3SB5201-6BL00		10
		■ 3SB5201-6BF00	145.-	10
		■ 3SB5201-6BG00		10
		■ 3SB5201-6BD00		10
		■ 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	375.-	10
		Green	■ 3SB5400-7CE	375.-	10
		Amber	■ 3SB5400-7CL	375.-	10
		Blue	■ 3SB5400-7CF	1190.-	10
		White†	3SB5400-7CG	375.-	10
		Yellow	3SB5400-7CD	375.-	10
		Red	■ 3SB5400-7EC	375.-	10
	110 V AC 50/60 Hz	Green	■ 3SB5400-7EE	375.-	10
		Amber	■ 3SB5400-7EL	375.-	10
		Blue	■ 3SB5400-7EF	1190.-	10
		White†	3SB5400-7EG	375.-	10
		Yellow	3SB5400-7ED	375.-	10
		Red	■ 3SB5400-7DC	375.-	10
		Green	■ 3SB5400-7DE	375.-	10
	110 V DC®	Amber	■ 3SB5400-7DL	375.-	10
		Blue	■ 3SB5400-7DF	1190.-	10
		White†	3SB5400-7DG	375.-	10
		Yellow	3SB5400-7DD	375.-	10
		Red	■ 3SB5400-7TC	375.-	10
		Green	■ 3SB5400-7TE	375.-	10
		Amber	■ 3SB5400-7TL	375.-	10
	230 V AC 50/60 Hz	Blue	■ 3SB5400-7TF	1190.-	10
		White†	3SB5400-7TG	375.-	10
		Yellow	3SB5400-7TD	375.-	10
		Red	■ 3SB5400-7HC	375.-	10
		Green	■ 3SB5400-7HE	375.-	10
		Amber	■ 3SB5400-7HL	375.-	10
		Blue	■ 3SB5400-7HF	1190.-	10
	220 V DC®	White†	3SB5400-7HG	375.-	10
		Yellow	3SB5400-7HD	375.-	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.

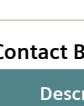
■ Stock items

## 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	130.-	10
		Green	■ 3SB5000-0AE01		
		Blue	■ 3SB5000-0AF01		
		White	■ 3SB5000-0AG01		
		Yellow	■ 3SB5000-0AD01		
		Black	■ 3SB5000-0AB01		
	Raised	Red	■ 3SB5000-0LC01	145.-	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	165.-	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	175.-	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	440.-	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	450.-	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	435.-	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	455.-	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	155.-	10
1NC			■ 3SB5400-0C		
1NO + 1 NC			■ 3SB5400-0A	290.-	10
2 NO			■ 3SB5400-0E		
2 NC			■ 3SB5400-0F		

### 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	270.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	310.-	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 MMCB				
Mushroom Actuator, E-Stop (40mm) with MMCB (1NC)	Red	■ 3SB5204-0UC01	525.-	10
MMCB (Mounting Monitoring Contact Block,1NC)		■ 3SB5400-0M	250.-	10
MMCB should be assembled only on middle slot "5-6" of the holder				
	Red	■ 3SB5203-0UC01	505.-	10
	Red	■ 3SB5000-0UC01	365.-	10
	Red	■ 3SB5000-0TC01	1925.-	10
	Red	■ 3SB5000-4TA01	720.-	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	720.-	10
		■ 3SB5000-4AA01		
		■ 3SB5000-4AB01		
	Momentary	■ 3SB5000-4TA01		
3 position key actuator (with holder for contact block)	Maintained	■ 3SB5000-4HA01	755.-	10
		■ 3SB5000-4HC01		
		■ 3SB5000-4HB01		
	Momentary	■ 3SB5000-4JA01		



\* 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	550.-	10
Illuminated with 1NO & 1NC		■ 3SB5234-7EC01	580.-	10
Modular actuator with holder for contact block				
Opaque		■ 3SB5000-7EC01	265.-	10
Illuminated		■ 3SB5001-7EC01	275.-	10

■ Stock items

Siemens switchgear. Tried, tested, trusted.

## Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
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### Metal enclosure: Aluminum Die Cast

1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-8AA3	1815.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	1955.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	2575.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	2255.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	2855.-	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	3195.-	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	3065.-	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	3990.-	1

### Plastic Enclosure

1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	1040.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	1040.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	1135.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	1225.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	1405.-	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	1550.-	1

### Pendant mounting: Plastic

1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	2245.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5822-7AC3	2745.-	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	3590.-	1



### Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
<b>Plastic Enclosures</b>			
1 way, Grey	3SB5801-0AC3	760.-	1
2 way, Grey	3SB5802-0AC3	645.-	1
3 way, Grey	3SB5803-0AC3	660.-	1
4 way, Grey	3SB5804-0AC3	1445.-	1
6 way, Grey	3SB5806-0AC3	2015.-	1
1 way, Yellow	3SB5801-0AD3	760.-	1
<b>Metal Enclosures</b>			
1 way	3SB5801-4AC3	1535.-	1
2 way	3SB5802-4AC3	1665.-	1
3 way	3SB5803-4AC3	2315.-	1
<b>Contact Block</b>			
Contact block for base mounting, 1NO	■ 3SB54200B	155.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	155.-	10
<b>Inscription Labels (set of 11 labels)</b>			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	295.-	10
<b>Blanking plug</b>			
Blanking plug	3SB5912-0BC	90.-	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
Thrust cap for Push Buttons (for actuating middle module)	BLANK	■ 3SB5901-2AA	10
	TRIP	■ 3SB5901-2EA	10
	■ 3SB5902-0AA	65.-	10
	■ 3SB5912-0AN	65.-	10
	■ 3SB5921-0AE	65.-	10
Adaptor plate for replacing 30 mm PB by 22 mm	E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)	3SB5921-0AB	65.-
	E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing	3SB5921-0AD	65.-
	Protective Cap (IP-67) for	■ 3SB5902-0AK	85.-
Metallic holder for front connection actuators (when used outside 3SB508 stations)	Normal	■ 3SB5902-0AN	10
■ Stock items	3SB5911-1AA	100.-	10



## 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)

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**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	3SE5250-0CC05-8K	840.-	10
		Slow Action		3SE5250-0BC05-8K	805.-	10

**Open Type 30mm**

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05-8K	1305.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05-8K		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05-8K		10
		Slow action	2NO + 1 NC	3SE5250-0PC05-8K		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	3SE5232-0CC05-8K	935.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05-8K	910.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05-8K	1370.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5232-0PC05-8K		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-0CC05-8K	1005.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05-8K	920.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05-8K	1485.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5242-0PC05-8K		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	3SE5212-0CC05-8K	1495.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05-8K	1355.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05-8K	1600.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05-8K		1
		Slow Action	2NO + 1NC	3SE5212-0PC05-8K		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00-8K	1610.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00-8K	1435.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00-8K	1740.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00-8K		1
		Slow Action	2NO + 1NC	3SE5112-0PA00-8K		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00-8K	1805.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00-8K	1645.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00-8K	2300.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00-8K		1
		Slow Action	2NO + 1NC	3SE5122-0PA00-8K		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	340.-	5
Roller lever		3SE5000-0AE10-8K	175.-	5
Angular Roller lever		3SE5000-0AF10-8K	215.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	180.-	5
Twist Lever		3SE5000-0AA21-8K*	145.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K*	295.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58-8K*	440.-	5
Twist lever 50mm dia (Adjustable) Plastic roller <b>NEW</b>		3SE5000-0AA57-8K*	330.-	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	250.-	5
Angular Roller lever		3SE5000-0AF01-8K	460.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	370.-	5
Twist Lever		3SE5000-0AA01-8K*	175.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K*	295.-	5
Fork type		3SE5000-0AT01-8K*	215.-	5
Mounting Head for Fork Type		3SE5000-0AT10-8K	1900.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58-8K*	440.-	5
Twist lever 50mm dia (Adjustable) Plastic roller <b>NEW</b>		3SE5000-0AA57-8K*	330.-	5

### Notes:

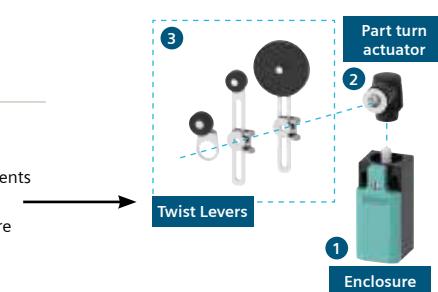
- The basic switch comes with a Teflon plunger, in case of rounded plunger requirements no need to order actuator separately
- # Twist levers are to be ordered with part turn actuator to allow fitment on enclosure
- \$ Fork type actuator shall be ordered with mounting head 3SE5000-0AT10-8K

## 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	385.-	5
Roller lever		3SE5000-0AE11-8K	265.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	180.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K*	345.-	5
Plain Plunger		3SE5000-0AB01-8K	490.-	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	310.-	5
Roller Plunger		3SE5000-0AD02-8K	470.-	5
Roller lever		3SE5000-0AE02-8K	420.-	5
Angular Roller lever		3SE5000-0AF02-8K	510.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	370.-	5
Twist Lever		3SE5000-0AA02-8K*	210.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K*	345.-	5



Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05-8K	345.-	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*	715.-	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	910.-	10
		Snap action		3SE5000-0LA00-8K		10
		Slow-action contacts with make-before-break		3SE5000-0MA00-8K	945.-	10
		Slow action	2NO + 1 NC	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	1145.-	5

Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05-8K	645.-	1
50MM			3SE5242-0AC05-8K	945.-	1
31MM		Metal	3SE5212-0AC05-8K	1080.-	1
40MM			3SE5112-0AA00-8K	1305.-	1
56MM			3SE5122-0AA00-8K	1465.-	1

SINOPLUS THE POWER OF **SIMPLICITY**

# 5TJ Miniature Circuit Breakers

**NEW**



Safe  
Complies with  
IEC standards



Comprehensive  
range  
For various  
applications



Reliable  
Siemens trusted  
quality



RoHS  
compliance  
Environmentally  
friendly



## Betagard 5SL MCBs – Inspiring Safety

Terminal covers for protection



High Breaking capacity (Icn)

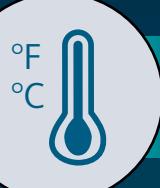
High Endurance Cycle



Ergonomic Handle for Identification



Very low watt loss



RoHS Compliant



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

IS/IEC 60898 - 1  
  
 CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz<sup>^</sup>
- 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 2 3 4 6 8 10 13 16 20 25 32 40 50 63	1	5SL61057RC 5SL61017RC 5SL61027RC 5SL61037RC 5SL61047RC 5SL61067RC 5SL61087RC 5SL61107RC 5SL61137RC 5SL61167RC 5SL61207RC 5SL61257RC 5SL61327RC 5SL61407RC 5SL61507RC 5SL61637RC	566.- 566.- 566.- 566.- 566.- 351.- 351.- 351.- 351.- 351.- 351.- 351.- 351.- 772.- 888.- 888.-	1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12
2P, 415V AC	0.5 1 2 3 4 6 8 10 13 16 20 25 32 40 50 63	2	5SL62057RC 5SL62017RC 5SL62027RC 5SL62037RC 5SL62047RC 5SL62067RC 5SL62087RC 5SL62107RC 5SL62137RC 5SL62167RC 5SL62207RC 5SL62257RC 5SL62327RC 5SL62407RC 5SL62507RC 5SL62637RC	1630.- 1630.- 1630.- 1630.- 1630.- 1220.- 1220.- 1220.- 1220.- 1220.- 1220.- 1220.- 1220.- 1712.- 2009.- 2009.-	1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6
3P, 415V AC	0.5 1 2 4 6 10 16 20 25 32 40 50 63	3	5SL63057RC 5SL63017RC 5SL63027RC 5SL63047RC 5SL63067RC 5SL63107RC 5SL63167RC 5SL63207RC 5SL63257RC 5SL63327RC 5SL63407RC 5SL63507RC 5SL63637RC	2288.- 2288.- 2288.- 2288.- 1832.- 1832.- 1832.- 1832.- 1832.- 1832.- 2564.- 2863.- 2863.-	1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4
4P, 415V AC	0.5 1 2 4 6 10 16 20 25 32 40 50 63	4	5SL64057RC 5SL64017RC 5SL64027RC 5SL64047RC 5SL64067RC 5SL64107RC 5SL64167RC 5SL64207RC 5SL64257RC 5SL64327RC 5SL64407RC 5SL64507RC 5SL64637RC	3159.- 3159.- 3159.- 3159.- 2533.- 2533.- 2533.- 2533.- 2533.- 2533.- 3273.- 3789.- 3789.-	1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 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

IS/IEC 60898 - 1  
  
 CM/L No. 2255548

- Standards: IS/IEC 60898-1:2015
- Voltage: Un 240/415V, 50...60Hz<sup>^</sup>
- 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 2 3 4 6 8 10 13 16 20 25 32 40 50 63	1	5SL41057RC 5SL41027RC 5SL41037RC 5SL41047RC 5SL41067RC 5SL41087RC 5SL41107RC 5SL41137RC 5SL41167RC 5SL41207RC 5SL41257RC 5SL41327RC 5SL41407RC 5SL41507RC 5SL41637RC	657.- 657.- 657.- 657.- 425.- 425.- 425.- 425.- 425.- 425.- 425.- 425.- 926.- 954.- 954.-	1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12 1/12
2P, 415V AC	0.5 2 3 4 6 8 10 13 16 20 25 32 40 50 63	2	5SL42057RC 5SL42027RC 5SL42037RC 5SL42047RC 5SL42067RC 5SL42087RC 5SL42107RC 5SL42137RC 5SL42167RC 5SL42207RC 5SL42257RC 5SL42327RC 5SL42407RC 5SL42507RC 5SL42637RC	1895.- 1895.- 1895.- 1895.- 1359.- 1359.- 1359.- 1359.- 1359.- 1359.- 1359.- 1359.- 2191.- 2191.- 2191.-	1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6 1/6
3P, 415V AC	0.5 2 3 4 6 8 10 13 16 20 25 32 40 50 63	3	5SL43057RC 5SL43027RC 5SL43037RC 5SL43047RC 5SL43067RC 5SL43087RC 5SL43107RC 5SL43137RC 5SL43167RC 5SL43207RC 5SL43257RC 5SL43327RC 5SL43407RC 5SL43507RC 5SL43637RC	3063.- 3063.- 3063.- 3063.- 2282.- 2282.- 2282.- 2282.- 2282.- 2282.- 2282.- 2282.- 3453.- 3453.- 3453.-	1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4
4P, 415V AC	0.5 2 3 4 6 8 10 13 16 20 25 32 40 50 63	4	5SL44057RC 5SL44027RC 5SL44037RC 5SL44047RC 5SL44067RC 5SL44087RC 5SL44107RC 5SL44137RC 5SL44167RC 5SL44207RC 5SL44257RC 5SL44327RC 5SL44407RC 5SL44507RC 5SL44637RC	3849.- 3849.- 3849.- 3849.- 3159.- 3159.- 3159.- 3159.- 3159.- 3159.- 3159.- 3159.- 4309.- 4309.- 4309.-	1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 1/3 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

<sup>^</sup> Suitable for DC networks in Telecom application; 60V DC for 1P & 110V DC for 2P (contact sales office for connection diagram)

## 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	30 100 300 30 100 300 30 100 300 30 100 300	25 25 25 40 40 40 63 63 63 80 80 80	2	■ 5SV43120RC ■ 5SV44120RC ■ 5SV46120RC ■ 5SV43140RC ■ 5SV44140RC ■ 5SV46140RC ■ 5SV43160RC ■ 5SV44160RC ■ 5SV46160RC ■ 5SV43170RC ■ 5SV44170RC ■ 5SV46170RC	4750.- 5200.- 5375.- 5570.- 6095.- 6325.- 7450.- 7860.- 8355.- 12060.- 12545.- 12545.-	1 1 1 1 1 1 1 1 1 1 1 1
	4 Pole	30 100 300 30 100 300 30 100 300 30 100 300	25 25 25 40 40 40 63 63 63 80 80 80	4	■ 5SV43420RC ■ 5SV44420RC ■ 5SV46420RC ■ 5SV43440RC ■ 5SV44440RC ■ 5SV46440RC ■ 5SV43460RC ■ 5SV44460RC ■ 5SV46460RC ■ 5SV43470RC ■ 5SV44470RC ■ 5SV46470RC	6670.- 6915.- 7165.- 6745.- 7005.- 7275.- 7860.- 8175.- 8465.- 12060.- 12545.- 12545.-	1 1 1 1 1 1 1 1 1 1 1 1

■ 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

# Betagard Accessories

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

## 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 <sup>ss</sup>	5ST38140RC	3345.-	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

\*\* Purchase MOQ for our authorised 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

## 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 Uc: 350V



Reference No.	Rated voltage	Pole	Module width	Total I <sub>imp</sub> (10/350μs)	I <sub>max</sub> (8/20μs)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	27465.-
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	53460.-

### Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	U <sub>c</sub>	I <sub>max</sub> (8/20μs)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	4490.-
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	13350.-

### 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 <sub>cpv</sub>	I <sub>max</sub> (8/20μs)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	7585.-

Note: Standard packing: 1unit

\*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, UC 350V Pluggable protective modules 4-pole, 3+1 circuit for TN-S and TT systems with remote display



5SD74121

Rated voltage $U_N$	Backup fuse rating	Protection level	Lightening impulse current $I_{mp}$ (10/350μs)		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	98880.-
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	5SD74141	167735.-



5SD74141

#### For TN-C system

Lightning arresters, Type 1 requirement class B, UC 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 $I_{mp}$ (10/350μs)		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	≤1.5kV	25kA/75kA	-	3P	5SD74131	131215.-

### Type 2: Surge Arresters

#### For TN-S/ TT system

Surge arrester Type 2 requirement class C, UC: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

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	51985.-
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	Yes	5SD74641	38355.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	No	5SD74220	30140.-
240V	80A gL/gG	1.5-1.9kV	20kA	20kA	1P+N	Yes	5SD74221	33275.-



5SD7422-0

#### For TN-C system

Surge arrester Type 2 requirement class C, UC: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 $I_{max}$ L-N or L-(PE)N, 1P	Pole	Remote signaling	Reference No.	Unit LP* ₹
240/415V	80A gL/gG	≤1.5kV	40kA	3P	No	5SD74630	44460.-
240/415V	80A gL/gG	≤1.5kV	40kA	3P	Yes	5SD74631	46495.-

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	21075.-
120V AC 150V DC	26A	0.95kV	3kA	2P	5SD74326	22965.-
240V AC 240V DC	26A	1.5kV	3kA	2P	5SD74327	23580.-

### 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 <sub>N</sub>	Rated discharge current	Protection level U <sub>p</sub>	Lightning Impulse current (L-N/L-(PE)N)	Max. discharge current	Pole	Remote signaling	Reference No.	Unit LP* ₹
1000V DC	15kA	≤3.5kV	≤5kA	40kA	3P	No	5SD74836	7585.-

### Replacement Plug



SPD Type	Type	Connection	Reference No.	Unit LP* ₹	
5SD74121	Type 1	L-N	5SD74181	36995.-	
5SD74131					
5SD74141		N-PE	5SD74180		
5SD74121					
5SD74131		L-N	5SD74681		
5SD74141					
5SD7463-0/1	Type 2	N-PE	5SD74880	13625.-	
5SD7464-0/1					
5SD7464-0/1		L-N	5SD74281		
5SD7422-0/1		N-PE	5SD74280		
5SD7422-0/1		-	5SD74983		
5SD7483-6	PV			11205.-	

\* Also available Type 1+ Type 2 and Type1/2 Compact SPDs for protection against overvoltages from Lightning strikes as well as by switching operations in network

Note:

Standard packing: 1unit

\* 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

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

**SIEMENS**

## Modular Devices

	Item Description	Rated Current $I_n$ (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
<b>Insta Contactors</b> Standards: EN 60947-4-1, EN 60947-5-1						
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	40	3	5TT58410	15070.-	1/5
	3NO+1NC contacts, 24V AC/24V DC (1NC contact rated for 30A)	40	3	5TT58412	15140.-	1/5
	4NO contacts, 230V AC/220V DC	40	3	5TT58400	15185.-	1/5
	4NO contacts, 24V AC/24V DC	40	3	5TT58402	15165.-	1/5
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	63	3	5TT58510	23595.-	1/5
	3NO+1NC contacts, 24V AC/24V DC, (1NC contact rated for 30A)	63	3	5TT58512	24025.-	1/5
	4NO contacts, 230V AC/220V DC	63	3	5TT58500	19245.-	1/5
	4NO contacts, 24V AC/24V DC	63	3	5TT58502	19285.-	1/5
<b>Insta Contactors Manual / Automatic with Switching Indicator</b> Standards: IEC60947-4-1, IEC60947-5-1						
	4NO contacts, 400V AC	40	3	5TT58406	22310.-	1/5
	4NO contacts, 400V AC	63	3	5TT58506	29225.-	1/5
<b>Accessories</b>						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	6720.-	1/10
<b>Twilight switch</b>						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	63210.-	1

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.)
<b>Voltage Relays</b> 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 07-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC	4	2	5TT3402	24415.-	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	44665.-	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	45980.-	1
<b>RYG 3 phase indicator in 1MW</b>						
		3 phase indicator (all with green color cap)	1	5TE5802	6140.-	1/10
		3 phase indicator (red/yellow/green)	1	5TE5803	5840.-	1/10
		Transparent cap (1 set = 3 items, R, Y, G lens)		5TG8070	1570.-	1/10
<b>Power ON Indicator (Economy Version) 230 V AC, 1 Phase</b>						
		Light indicators for max. cable length up to 5 m with 1 red lamp	1	5TE5800	3665.-	1/12
		Light indicators for max. cable length up to 250 m with 1 red lamp	1	5TE5804	4655.-	1/12
		Transparent cap (Red) (1 set 5x each red/transparent)		5TG8061	2025.-	5
		Transparent cap (Green) (1 Set with 5x each green/transparent)		5TG8062	2025.-	5
		Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)		5TG8063	2025.-	5
		Transparent cap (Blue) (1 Set with 5x each blue/transparent)		5TG8064	2025.-	5
<b>Fuse Monitor</b>						
		Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC	4	5TT3170	19150.-	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.)
<b>Time Switches (Digital)</b>						
	Mini digital, daily/weekly program, 100 hours reserve, 230V AC	16	1	7LF45015	14255.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	17455.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	33420.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	31130.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	40265.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	31385.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	52470.-	1
<b>Time Switches (Mechanical)</b>						
Standards: EN 60730-1						
 7LF53005	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	7LF53011	19315.-	1
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53005	10660.-	1
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53016	20515.-	1
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53050	22440.-	1
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC	16	—	7LF53010	12650.-	1
<b>Accessories for Digital Time Switches</b>						
	USB adapter and software			7LF49410	51660.-	1
	Data key profi, astro			7LF49411	5260.-	1

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



# Power Factor Correction



## SIECAP™ LV Power Capacitors

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)	Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	3730.-	1	480	5	4RB2050-3EJ52-8K	3435.-	1
	6	4RB2060-3EE52-8K	3730.-	1		5.5	4RB2055-3EJ52-8K	3805.-	1
	7	4RB2070-3EE52-8K	4090.-	1		10.4	4RB2104-3EJ52-8K	6355.-	1
	7.5	4RB2075-3EE52-8K	4580.-	1		11.1	4RB2111-3EJ52-8K	6480.-	1
	8.3	4RB2083-3EE52-8K	4855.-	1		12.5	4RB2125-3EJ52-8K	6640.-	1
	10	4RB2100-3EE52-8K	5850.-	1		20.8	4RB2208-3EJ52-8K	11040.-	1
	12.5	4RB2125-3EE52-8K	6315.-	1		25	4RB2250-3EJ52-8K	13265.-	1
	15	4RB2150-3EE52-8K	7575.-	1		27.7	4RB2277-3EJ52-8K	14705.-	1
	20	4RB2200-3EE52-8K	10065.-	1		30	4RB2300-3EJ52-8K	15930.-	1
	20.8	4RB2208-3EE52-8K	10490.-	1					
	25	4RB2250-3EE52-8K	12605.-	1					
	28	4RB2280-3EE52-8K	14110.-	1					
	30	4RB2300-3EE52-8K	15130.-	1					

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

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



Std. Pkg. = 1 unit

\* LP - List Price

## SIECAP™ LV Power Capacitors

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)	Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	4380.-	1	480	5	4RB2050-3EJ53-8K	4510.-	1
	7.5	4RB2075-3EB53-8K	5815.-	1		6.3	4RB2063-3EJ53-8K	5050.-	1
	10.4	4RB2104-3EB53-8K	8075.-	1		10.4	4RB2104-3EJ53-8K	7550.-	1
	12.5	4RB2125-3EB53-8K	8755.-	1		11	4RB2110-3EJ53-8K	7990.-	1
	15	4RB2150-3EB53-8K	10515.-	1		12.5	4RB2125-3EJ53-8K	9075.-	1
	20	4RB2200-3EB53-8K	14015.-	1		13.8	4RB2138-3EJ53-8K	10020.-	1
	25	4RB2250-3EB53-8K	17520.-	1		15	4RB2150-3EJ53-8K	10885.-	1
440	5	4RB2050-3EE53-8K	4510.-	1		16.7	4RB2167-3EJ53-8K	12115.-	1
	7.5	4RB2075-3EE53-8K	5815.-	1		18.7	4RB2187-3EJ53-8K	13565.-	1
	10	4RB2100-3EE53-8K	7755.-	1		20	4RB2200-3EJ53-8K	14525.-	1
	12.5	4RB2125-3EE53-8K	8755.-	1		22	4RB2220-3EJ53-8K	15955.-	1
	15	4RB2150-3EE53-8K	10515.-	1		25	4RB2250-3EJ53-8K	18135.-	1
	20	4RB2200-3EE53-8K	14015.-	1		28.1	4RB2281-3EJ53-8K	20390.-	1
	25	4RB2250-3EE53-8K	17520.-	1		30	4RB2300-3EJ53-8K	21755.-	1
	30	4RB2300-3EE53-8K	21010.-	1		5	4RB2050-3FC53-8K	4650.-	1
						6.3	4RB2063-3FC53-8K	5215.-	1
525						8.3	4RB2083-3FC53-8K	6860.-	1
						10.4	4RB2104-3FC53-8K	7805.-	1
						12.5	4RB2125-3FC53-8K	9390.-	1
						13.2	4RB2132-3FC53-8K	9915.-	1
						15	4RB2150-3FC53-8K	11255.-	1
						16.7	4RB2167-3FC53-8K	12555.-	1
						20	4RB2200-3FC53-8K	15010.-	1
						25	4RB2250-3FC53-8K	18760.-	1
						26.5	4RB2265-3FC53-8K	19890.-	1
						30	4RB2300-3FC53-8K	22525.-	1
						33.1	4RB2331-3FC53-8K	24840.-	1



Std. Pkg. = 1 unit

\* LP - List Price

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

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.

## SIECAP™ LV Power Capacitors

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)	Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	4850.-	1	525	5	4RB1050-3FC50-8K	5165.-	1
	6.3	4RB1063-3EB50-8K	5425.-	1		6.3	4RB1063-3FC50-8K	6500.-	1
	7.5	4RB1075-3EB50-8K	6465.-	1		8.3	4RB1083-3FC50-8K	7620.-	1
	10.4	4RB1104-3EB50-8K	8960.-	1		10.4	4RB1104-3FC50-8K	8670.-	1
	12.5	4RB1125-3EB50-8K	9725.-	1		12.5	4RB1125-3FC50-8K	10425.-	1
	15	4RB1150-3EB50-8K	11675.-	1		13.2	4RB1132-3FC50-8K	11010.-	1
	20	4RB1200-3EB50-8K	15570.-	1		15	4RB1150-3FC50-8K	12505.-	1
	25	4RB1250-3EB50-8K	19460.-	1		16.7	4RB1167-3FC50-8K	13935.-	1
	28.1	4RB1281-3EB50-8K	21855.-	1		20	4RB1200-3FC50-8K	16665.-	1
	30	4RB1300-3EB50-8K	23345.-	1		25	4RB1250-3FC50-8K	20845.-	1
	33	4RB1330-3EB50-8K	25685.-	1		26.5	4RB1265-3FC50-8K	22100.-	1
440	5	4RB1050-3EE50-8K	5615.-	1		30	4RB1300-3FC50-8K	25020.-	1
	7.5	4RB1075-3EE50-8K	7250.-	1		33.1	4RB1331-3FC50-8K	27595.-	1
	10	4RB1100-3EE50-8K	8620.-	1		5.3	4RB1053-3GK50-8K	5760.-	1
	10.4	4RB1104-3EE50-8K	8960.-	1		6.9	4RB1068-3GK50-8K	5960.-	1
	12.5	4RB1125-3EE50-8K	9725.-	1		10.4	4RB1104-3GK50-8K	8960.-	1
	15	4RB1150-3EE50-8K	11675.-	1		12.5	4RB1125-3GK50-8K	10775.-	1
	16.7	4RB1167-3EE50-8K	12995.-	1		14.6	4RB1146-3GK50-8K	12585.-	1
	20	4RB1200-3EE50-8K	15570.-	1		20	4RB1200-3GK50-8K	17230.-	1
	25	4RB1250-3EE50-8K	19460.-	1		25	4RB1250-3GK50-8K	21545.-	1
	28.1	4RB1281-3EE50-8K	21855.-	1					
	30	4RB1300-3EE50-8K	23345.-	1					
	33.1	4RB1331-3EE50-8K	25755.-	1					
480	5	4RB1050-3EJ50-8K	5615.-	1					
	6.3	4RB1063-3EJ50-8K	6275.-	1					
	8.3	4RB1083-3EJ50-8K	7390.-	1					
	10.4	4RB1104-3EJ50-8K	8385.-	1					
	11	4RB1111-3EJ50-8K	8875.-	1					
	12.5	4RB1125-3EJ50-8K	10075.-	1					
	13.8	4RB1138-3EJ50-8K	11135.-	1					
	15	4RB1150-3EJ50-8K	12095.-	1					
	16.7	4RB1167-3EJ50-8K	13455.-	1					
	18.7	4RB1187-3EJ50-8K	15070.-	1					
	20	4RB1200-3EJ50-8K	16130.-	1					
	22	4RB1220-3EJ50-8K	17725.-	1					
	25	4RB1250-3EJ50-8K	20135.-	1					
	28.1	4RB1281-3EJ50-8K	22645.-	1					
	30	4RB1300-3EJ50-8K	24170.-	1					
	31	4RB1310-3EJ50-8K	24985.-	1					
	33	4RB1330-3EJ50-8K	26605.-	1					

Std. Pkg. = 1 unit

\* LP - List Price

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

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.

## Harmonics filter

### Detuned reactor

#### Features

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

#### Copper Detuned Reactors

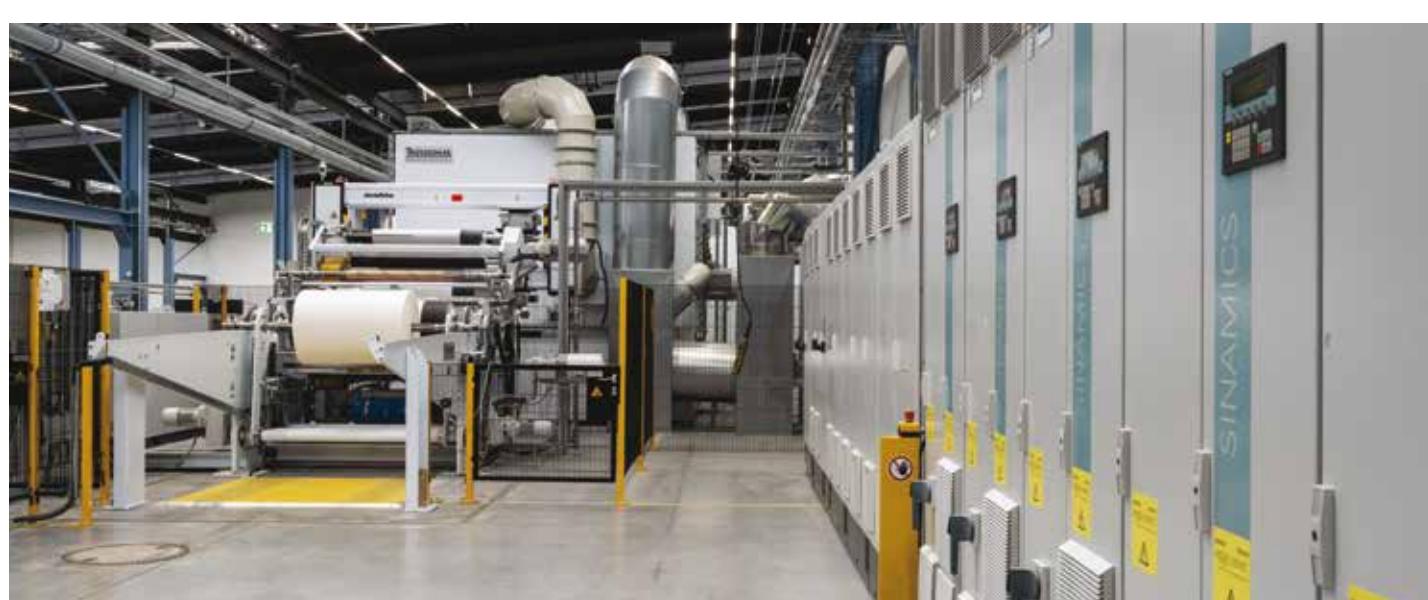
Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1220-1AC01-0AA0	23700.-
10kvar	5.67%	4KA1220-3AC01-0AA0	28130.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	31495.-
15kvar	5.67%	4KA1220-5AC01-0AA0	35570.-
20kvar	5.67%	4KA1220-6AC01-0AA0	38040.-
25kvar	5.67%	4KA1220-7AC01-0AA0	40700.-
5kvar	7%	4KA1220-1AA01-0AA0	22655.-
10kvar	7%	4KA1220-3AA01-0AA0	31080.-
12.5kvar	7%	4KA1220-4AA01-0AA0	33555.-
15kvar	7%	4KA1220-5AA01-0AA0	38740.-
20kvar	7%	4KA1220-6AA01-0AA0	41270.-
25kvar	7%	4KA1220-7AA01-0AA0	43435.-
50kvar	7%	4KA1220-2BA01-0AA0	77385.-
75kvar	7%	4KA1220-3BA03-0AA0	108525.-
100kvar	7%	4KA1220-4BA03-0AA0	136600.-
5kvar	14%	4KA1220-1AB01-0AA0	29825.-
12.5kvar	14%	4KA1220-4AB01-0AA0	52330.-
15kvar	14%	4KA1220-5AB01-0AA0	58620.-
20kvar	14%	4KA1220-6AB01-0AA0	71330.-
25kvar	14%	4KA1220-7AB01-0AA0	80195.-
50kvar	14%	4KA1220-2BB01-0AA0	130240.-
75kvar	14%	4KA1220-3BB03-0AA0	174190.-
100kvar	14%	4KA1220-4BB03-0AA0	242250.-

Std. Pkg. = 1 unit

\* LP - List Price

#### Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	16845.-
10kvar	5.67%	4KA1420-3AC01-0AA0	21480.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	23540.-
15kvar	5.67%	4KA1420-5AC01-0AA0	27835.-
20kvar	5.67%	4KA1420-6AC01-0AA0	31740.-
25kvar	5.67%	4KA1420-7AC01-0AA0	32135.-
50kvar	5.67%	4KA1420-2BC01-0AA0	58475.-
5kvar	7%	4KA1420-1AA01-0AA0	17930.-
10kvar	7%	4KA1420-3AA01-0AA0	23075.-
12.5kvar	7%	4KA1420-4AA01-0AA0	25515.-
15kvar	7%	4KA1420-5AA01-0AA0	28760.-
20kvar	7%	4KA1420-6AA01-0AA0	30625.-
25kvar	7%	4KA1420-7AA01-0AA0	32760.-
50kvar	7%	4KA1420-2BA01-0AA0	56325.-
75kvar	7%	4KA1420-3BA03-0AA0	80005.-
100kvar	7%	4KA1420-4BA03-0AA0	100075.-
5kvar	14%	4KA1420-1AB01-0AA0	24410.-
10kvar	14%	4KA1420-3AB01-0AA0	36620.-
12.5kvar	14%	4KA1420-4AB01-0AA0	41660.-
15kvar	14%	4KA1420-5AB01-0AA0	47175.-
20kvar	14%	4KA1420-6AB01-0AA0	52370.-
25kvar	14%	4KA1420-7AB01-0AA0	63905.-
50kvar	14%	4KA1420-2BB01-0AA0	113060.-



## 3MT7 Capacitor Duty Contactors

NEW



### Comprehensive Range

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



### Reliable

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



### Safe

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



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
<b>NEW</b> 2.5kvar	1NO	3MT70002JA106A..	2705.-	1NC	3MT70002JA016A..	2705.-	1
<b>NEW</b> 5kvar	1NO	3MT70005JA106A..	2990.-	1NC	3MT70005JA016A..	2990.-	1
<b>NEW</b> 7.5kvar	1NO+1NC	3MT70007JA116A..	3295.-	2NC	3MT70007JA026A..	3295.-	1
<b>NEW</b> 10kvar	1NO+1NC	3MT70010JA116A..	4105.-	2NC	3MT70010JA026A..	4105.-	1
<b>NEW</b> 12.5kvar	1NO+1NC	3MT70012JA116A..	4190.-	2NC	3MT70012JA026A..	4190.-	1
<b>NEW</b> 16.7kvar	1NO+1NC	3MT70016JA116A..	5555.-	2NC	3MT70016JA026A..	5555.-	1
<b>NEW</b> 20kvar	1NO+1NC	3MT70020JA116A..	6175.-	2NC	3MT70020JA026A..	6175.-	1
<b>NEW</b> 25kvar	1NO+1NC	3MT70025JA116A..	7080.-	2NC	3MT70025JA026A..	7080.-	1
<b>NEW</b> 33.3kvar	1NO+2NC	3MT70033JA126A..	10730.-				1
<b>NEW</b> 40kvar	1NO+2NC	3MT70040JA126A..	17320.-				1
<b>NEW</b> 50kvar	1NO+2NC	3MT70050JA126A..	20275.-				1
60kvar	1NO+2NC	3MT70060JA126A..	21550.-				1
80kvar	1NO+2NC	3MT70080JA126A..	26455.-				1
100kvar	1NO+2NC	3MT70100JA126A..	27490.-				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	810.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	955.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	2460.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	2685.-	1
Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	605.-	10
2NC	3MT70200CL09M1A	605.-	10

## Automatic Power Factor Correction Relay (APFC relay)

### Features

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



for more info  
scan QR code



7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	28310.-	1
	12 Stage with LCD display	7UG0572-1GT20	30325.-	1
	12 stage with LED display	7UG0572-1GT21	17340.-	1

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†	3345.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	3675.-				
10 kvar	–	3TS2200-0A..5-8K†	3995.-	1NO+1NC	3TS2211-0A..5-8K	4585.-	
12.5 kvar	–	3TS1200-0A..5-8K†	4095.-	1NO+1NC	3TS1211-0A..5-8K	4680.-	1
16 kvar	–	3TS1300-0A..5-8K†	5630.-	1NO+1NC	3TS1311-0A..5-8K	6205.-	1
20 kvar	–	3TS1400-0A..5-8K†	6340.-	1NO+1NC	3TS1411-0A..5-8K	6900.-	1
25 kvar	–	3TS1500-0A..5-8K†	7320.-	1NO+1NC	3TS1511-0A..5-8K	7910.-	1
30 kvar	–	3TS2500-0A..5-8K†	11400.-	1NO+1NC	3TS2511-0A..5-8K	11990.-	1
40 kvar	2 NO + 2 NC	3TS2722-0A..5-8K	19350.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	22655.-				



† 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..	1250.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar				
20 kvar		3TY74430A..	1540.-	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	320.-	10
	1NC	■ 3TX4001-2A	320.-	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	3115.-	1
12.5 kvar		3TS9762-0SX15-8K	3115.-	1
16 kvar		3TS9763-0SX15-8K	4630.-	1
20 kvar		3TS9764-0SX15-8K	5220.-	1
25 kvar		3TS9765-0SX15-8K	6140.-	1
30 kvar		3TS9765-0SX15-8K	6140.-	1
40 kvar		3TS9767-0SX15-8K	15790.-	1
50 kvar		3TS9767-0SX15-8K	15790.-	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 <sub>n</sub> (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg. ** (Nos.)
	2-pole	40	2	5TL12400	POR	1/1
		63		5TL12630		1/1
		80		5TL12800		1/1
		100		5TL12910		1/1
		125		5TL12920		1/1
	3-pole	40	3	5TL13400	POR	1/1
		63		5TL13630		1/1
		80		5TL13800		1/1
		100		5TL13910		1/1
		125		5TL13920		1/1
	4-pole	40	4	5TL14400	POR	1/1
		63		5TL14630		1/1
		80		5TL14800		1/1
		100		5TL14910		1/1
		125		5TL14920		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 Ie (A) AC1 at 415V	AC Coil
		Type
12	630	3TS5722-0C..1-8K*

### Spares for 3TS Contactors

#### Convertor 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	5TT58000	
5TE8162	5TT58006	5TT58306
5TE8142	5TT58016	

### 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



## One point contact for your service needs

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

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

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

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## Terms and conditions

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

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

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

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

### Stock items

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

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### Note

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

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For enquiries email at [info@sbsyscon.in](mailto:info@sbsyscon.in) or call at +91-9899598955/900

## Notes

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