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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[1] + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Withdrawable design with Guide Frame [2]			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MDO	3WJ1108-2AF52-1AA0	481280.-	3WJ1108-2AF62-1AA0	635375.-
			EDO	3WJ1108-2AF52-4DA4	619925.-	3WJ1108-2AF62-4DA4	774020.-
		1000	MDO	3WJ1110-2AF52-1AA0	494810.-	3WJ1110-2AF62-1AA0	646985.-
			EDO	3WJ1110-2AF52-4DA4	633455.-	3WJ1110-2AF62-4DA4	785630.-
		1250	MDO	3WJ1112-2AF52-1AA0	552910.-	3WJ1112-2AF62-1AA0	661105.-
			EDO	3WJ1112-2AF52-4DA4	691555.-	3WJ1112-2AF62-4DA4	799750.-
		1600	MDO	3WJ1116-2AF52-1AA0	607225.-	3WJ1116-2AF62-1AA0	739100.-
			EDO	3WJ1116-2AF52-4DA4	745870.-	3WJ1116-2AF62-4DA4	877745.-
II	55kA	2000	MDO	3WJ1220-2AF52-1AA0	846930.-	3WJ1220-2AF62-1AA0	1046230.-
			EDO	3WJ1220-2AF52-4DA4	985575.-	3WJ1220-2AF62-4DA4	1184875.-
		2500	MDO	3WJ1225-2AF52-1AA0	961675.-	3WJ1225-2AF62-1AA0	1227205.-
			EDO	3WJ1225-2AF52-4DA4	1100320.-	3WJ1225-2AF62-4DA4	1365850.-
		3200	MDO	3WJ1232-2AF52-1AA0	1237900.-	3WJ1232-2AF62-1AA0	1522720.-
			EDO	3WJ1232-2AF52-4DA4	1376545.-	3WJ1232-2AF62-4DA4	1661365.-
		4000	MDO	3WJ1240-2AF51-1AA0	1440730.-	3WJ1240-2AF61-1AA0	1829735.-
			EDO	3WJ1240-2AF51-4DA4	1579375.-	3WJ1240-2AF61-4DA4	1968380.-

ETU350WJ: LSI + Display — E Reduce 3495.- — E Reduce 3495.-

Microprocessor based trip unit ETU360WJ: LSING[1] + Display

Frame Size	Breaking Capacity @440V AC, 50/60Hz	Rated current In (A)		Fixed Mounted design [3]			
				3 Pole #	Unit LP* ₹	4 Pole #	Unit LP* ₹
I	50kA	800	MF	3WJ1108-2AF02-1AA0	357420.-	3WJ1108-2AF12-1AA0	498325.-
			EF	3WJ1108-2AF02-4DA4	496065.-	3WJ1108-2AF12-4DA4	636970.-
		1000	MF	3WJ1110-2AF02-1AA0	364690.-	3WJ1110-2AF12-1AA0	528925.-
			EF	3WJ1110-2AF02-4DA4	503335.-	3WJ1110-2AF12-4DA4	667570.-
		1250	MF	3WJ1112-2AF02-1AA0	454020.-	3WJ1112-2AF12-1AA0	540575.-
			EF	3WJ1112-2AF02-4DA4	592665.-	3WJ1112-2AF12-4DA4	679220.-
		1600	MF	3WJ1116-2AF02-1AA0	473765.-	3WJ1116-2AF12-1AA0	592260.-
			EF	3WJ1116-2AF02-4DA4	612410.-	3WJ1116-2AF12-4DA4	730905.-
II	55kA	2000	MF	3WJ1220-2AF02-1AA0	590515.-	3WJ1220-2AF12-1AA0	855200.-
			EF	3WJ1220-2AF02-4DA4	729160.-	3WJ1220-2AF12-4DA4	993845.-
		2500	MF	3WJ1225-2AF02-1AA0	668840.-	3WJ1225-2AF12-1AA0	1007185.-
			EF	3WJ1225-2AF02-4DA4	807485.-	3WJ1225-2AF12-4DA4	1145830.-
		3200	MF	3WJ1232-2AF02-1AA0	1027595.-	3WJ1232-2AF12-1AA0	1269430.-
			EF	3WJ1232-2AF02-4DA4	1166240.-	3WJ1232-2AF12-4DA4	1408075.-
		4000	MF	3WJ1240-2AF01-1AA0	1245145.-	3WJ1240-2AF11-1AA0	1721555.-
			EF	3WJ1240-2AF01-4DA4	1383790.-	3WJ1240-2AF11-4DA4	1860200.-

ETU350WJ: LSI + Display — E Reduce 3495.- — E Reduce 3495.-

For Non-Automatic ACBs please deduct ₹ 4200/- 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[1] N: Neutral protection[1]

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

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

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

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

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

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

Add-on options (Factory fitted)

Description		Unit LP* ₹
Ready to close signal switch		8675.-
Trip signal switch (Not applicable for Non-Automatic Circuit Breakers)		8675.-
Position Signal Switch (3x connected, 2x test, 1x disconnected)		29210.-
Castell lock mounting kit[1)]		10325.-
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker (Door interlock)		21455.-
Mutual Mechanical Interlocking (Bowden wire interlocking module with 2m cable)	For Fixed Circuit Breakers	48130.-
	For Withdrawable Circuit Breakers with guide frame	44680.-

[1)] Locks to be ordered separately. Refer Page 8

3WJ Accessories & Spares

Auxiliary Releases & Operating mechanism

Description		Type	Unit LP* ₹
Closing coil (CC) / Shunt trip (ST)			
Suitable for continuous duty	DC 24 V	3WJ9111-0AD01	14750.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AD05	14750.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AD06	14750.-
Undervoltage release (UVR)			
with Undervoltage Release (UVR), instantaneous (≤ 80 ms), short delay (≤ 200 ms)	DC 24 V	3WJ9111-0AE01	17030.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE05	17030.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE06	17030.-
	AC 380 ... 415 V	3WJ9111-0AE07	17030.-
with Undervoltage Release (UVR-t), adjustable 0.2 s and 3.2 s	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AE15	53360.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AE16	53360.-
	AC 380 ... 415 V	3WJ9111-0AE17	48025.-
Operating mechanism			
Spring charging motor to charged the stored energy mechanism	DC 24 V	3WJ9111-0AF01	160020.-
	AC 110 ... 127 V / DC 110 ... 125 V	3WJ9111-0AF05	160020.-
	AC 220 ... 240 V / DC 220 ... 250 V	3WJ9111-0AF06	160020.-

Accessories for electronic trip unit

Description			Type	Unit LP* ₹
Sealable & lockable covers				
Transparent cover for ETU 350/360 WJ			3WJ9111-0EM21	605.-
Indication / operator control elements				
Ready-to-close signal switch			3WJ9111-0AH01	9815.-
1st trip signal switch			3WJ9111-0AH02	9815.-
5 digit Mechanical Operating cycle counter			3WJ9111-0AH04	27830.-
Position signaling switch for withdrawable circuit breakers	PSS: 6 changeover contacts; 3x connected position, 2x test position, 1x disconnected position		3WJ9111-0AH11	33335.-
Auxiliary Switch	2 NO and 2 NC contacts	S1/S2	3WJ9111-0AG01	8255.-
	3 NO and 1 NC contacts	S3/S4	3WJ9111-0AG02	8255.-
	4 NO Contacts	S3/S4	3WJ9111-0AG03	8255.-
	2 NO and 2 NC contacts	S3/S4	3WJ9111-0AG04	8255.-
External current sensors for N-conductor				
without copper connectors	FS I		3WJ9111-0AA21	54355.-
	FS II		3WJ9111-0AA22	66065.-
with copper connectors	FS I		3WJ9111-0AA31	59660.-
	FS II		3WJ9111-0AA32	68465.-

Std. Pkg. = 1 unit

* LP - List Price

3WJ Accessories & Spares (Contd.)

Description		Type	Unit LP* ₹
Other operating / mounting accessories			
Door sealing frame	IP 41	**3WJ9111-0AP01**	**6485.-**
Protective cover	IP 55	**3WJ9111-0AP03**	**POR**
Crank handle (to be ordered separately)		**3WJ9111-0BC01**	**3965.-**
Sealing cap for ON/OFF push button		**3WJ9111-0AP05**	**POR**
Locking accessories			
To prevent unauthorized activation in the operator panel of the circuit breaker.	Mounting kit for CASTELL[1)]	**3WJ9111-0BA31**	**23875.-**
	Safety lock (3SB1) instead of the OFF button. CES lock	**3WJ9111-0BA35**	**10555.-**
Castell lock ([1)] To be ordered separately with Factory fitted option Castell lock mounting kit or with accessory 3WJ9111-0BA31)	Type A	**3WX3663-6JELA**	**13055.-**
	Type B	**3WX3663-6JELB**	**13055.-**
	Type C	**3WX3663-6JELC**	**13055.-**
	Type D	**3WX3663-6JELD**	**13055.-**
	Type AB	**3WX3663-6JELAB**	**13055.-**
	Type AC	**3WX3663-6JELAC**	**13055.-**
Interlocking accessories			
For fixed-mounted circuit breakers	To prevent opening of the cabinet door in ON condition (Door interlock)	**3WJ9111-0BB12**	**25885.-**
For withdrawable circuit breakers	To prevent opening of the control cabinet door in connected position (Door interlock)	**3WJ9111-0BB13**	**25885.-**
Mutual mechanical Interlocking accessories			
Interlocking module with Bowden cable 2 m	For fixed-mounted breakers	**3WJ9111-0BB21**	**60875.-**
	For withdrawable circuit breakers with guide frame (R55)	**3WJ9111-0BB22**	**60875.-**
Bowden cable	2000 mm	**3WJ9111-0BB41**	**17395.-**
	3000 mm	**3WJ9111-0BB42**	**24205.-**
	4500 mm	**3WJ9111-0BB43**	**31315.-**

Std. Pkg. = 1 unit

POR: Price On Request

* LP - List Price

THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ1 moulded case circuit breakers

Thermal Magnetic Trip Unit

Compact
Effcient design

Versatile
For various applications

Reliable
Siemens trusted quality

Operational efficiency
Reduced downtime



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3VJ moulded case circuit breakers

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DA22-0AA0	6055.-	3VJ1096-0DA32-0AA0	7520.-	3VJ1096-0EA42-0AA0	10770.-
		20	3VJ1002-0DA22-0AA0	6055.-	3VJ1002-0DA32-0AA0	7520.-	3VJ1002-0EA42-0AA0	10770.-
		25	3VJ1092-0DA22-0AA0	6055.-	3VJ1092-0DA32-0AA0	7520.-	3VJ1092-0EA42-0AA0	10770.-
		32	3VJ1003-0DA22-0AA0	6055.-	3VJ1003-0DA32-0AA0	7520.-	3VJ1003-0EA42-0AA0	10770.-
		40	3VJ1004-0DA22-0AA0	6055.-	3VJ1004-0DA32-0AA0	7520.-	3VJ1004-0EA42-0AA0	10770.-
		50	3VJ1005-0DA22-0AA0	6055.-	3VJ1005-0DA32-0AA0	7520.-	3VJ1005-0EA42-0AA0	10770.-
		63	3VJ1006-0DA22-0AA0	6055.-	3VJ1006-0DA32-0AA0	7520.-	3VJ1006-0EA42-0AA0	10770.-
		80	3VJ1008-0DA22-0AA0	6055.-	3VJ1008-0DA32-0AA0	7520.-	3VJ1008-0EA42-0AA0	10770.-
		100	3VJ1010-0DA22-0AA0	6055.-	3VJ1010-0DA32-0AA0	7520.-	3VJ1010-0EA42-0AA0	10770.-
		125	3VJ1012-0DA22-0AA0	9360.-	3VJ1012-0DA32-0AA0	11275.-	3VJ1012-0EA42-0AA0	16150.-
	18kA	16	3VJ1096-1DA22-0AA0	8375.-	3VJ1096-1DA32-0AA0	12090.-	3VJ1096-1EA42-0AA0	15505.-
		20	3VJ1002-1DA22-0AA0	8375.-	3VJ1002-1DA32-0AA0	12090.-	3VJ1002-1EA42-0AA0	15505.-
		25	3VJ1092-1DA22-0AA0	8375.-	3VJ1092-1DA32-0AA0	12090.-	3VJ1092-1EA42-0AA0	15505.-
		32	3VJ1003-1DA22-0AA0	8375.-	3VJ1003-1DA32-0AA0	12090.-	3VJ1003-1EA42-0AA0	15505.-
		40	3VJ1004-1DA22-0AA0	8375.-	3VJ1004-1DA32-0AA0	12090.-	3VJ1004-1EA42-0AA0	15505.-
		50	3VJ1005-1DA22-0AA0	8375.-	3VJ1005-1DA32-0AA0	12090.-	3VJ1005-1EA42-0AA0	15505.-
		63	3VJ1006-1DA22-0AA0	8375.-	3VJ1006-1DA32-0AA0	12090.-	3VJ1006-1EA42-0AA0	15505.-
		80	3VJ1008-1DA22-0AA0	8375.-	3VJ1008-1DA32-0AA0	12090.-	3VJ1008-1EA42-0AA0	15505.-
		100	3VJ1010-1DA22-0AA0	8375.-	3VJ1010-1DA32-0AA0	12090.-	3VJ1010-1EA42-0AA0	15505.-
		125	3VJ1012-1DA22-0AA0	9685.-	3VJ1012-1DA32-0AA0	13860.-	3VJ1012-1EA42-0AA0	18030.-
	25kA	16	3VJ1096-3DA22-0AA0	10050.-	3VJ1096-3DA32-0AA0	13175.-	3VJ1096-3EA42-0AA0	17485.-
		20	3VJ1002-3DA22-0AA0	10050.-	3VJ1002-3DA32-0AA0	13175.-	3VJ1002-3EA42-0AA0	17485.-
		25	3VJ1092-3DA22-0AA0	10050.-	3VJ1092-3DA32-0AA0	13175.-	3VJ1092-3EA42-0AA0	17485.-
		32	3VJ1003-3DA22-0AA0	10050.-	3VJ1003-3DA32-0AA0	13175.-	3VJ1003-3EA42-0AA0	17485.-
		40	3VJ1004-3DA22-0AA0	10050.-	3VJ1004-3DA32-0AA0	13175.-	3VJ1004-3EA42-0AA0	17485.-
		50	3VJ1005-3DA22-0AA0	10050.-	3VJ1005-3DA32-0AA0	13175.-	3VJ1005-3EA42-0AA0	17485.-
		63	3VJ1006-3DA22-0AA0	10050.-	3VJ1006-3DA32-0AA0	13175.-	3VJ1006-3EA42-0AA0	17485.-
		80	3VJ1008-3DA22-0AA0	10050.-	3VJ1008-3DA32-0AA0	13175.-	3VJ1008-3EA42-0AA0	17485.-
		100	3VJ1010-3DA22-0AA0	10050.-	3VJ1010-3DA32-0AA0	13175.-	3VJ1010-3EA42-0AA0	17485.-
		125	3VJ1012-3DA22-0AA0	10050.-	3VJ1012-3DA32-0AA0	15060.-	3VJ1012-3EA42-0AA0	19220.-

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.



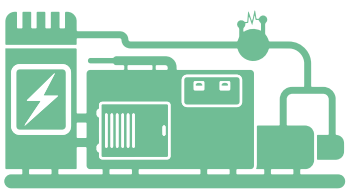
3VJ1 MCCB, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

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	20405.-	3VJ1216-3DA32-0AA0	23660.-	3VJ1216-3EA42-0AA0	31115.-
		200	3VJ1220-3DA22-0AA0	20640.-	3VJ1220-3DA32-0AA0	24025.-	3VJ1220-3EA42-0AA0	34170.-
		250	3VJ1225-3DA22-0AA0	20850.-	3VJ1225-3DA32-0AA0	27035.-	3VJ1225-3EA42-0AA0	35600.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	53555.-	3VJ1332-3EA42-0AA0	68975.-
		400	–	–	3VJ1340-3DA32-0AA0	53555.-	3VJ1340-3EA42-0AA0	68975.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	15470.-	3VJ1196-5DA32-0AA0	18395.-	3VJ1196-5EA42-0AA0	24295.-
		20	3VJ1102-5DA22-0AA0	15470.-	3VJ1102-5DA32-0AA0	18395.-	3VJ1102-5EA42-0AA0	24295.-
		25	3VJ1192-5DA22-0AA0	15470.-	3VJ1192-5DA32-0AA0	18395.-	3VJ1192-5EA42-0AA0	24295.-
		32	3VJ1103-5DA22-0AA0	15470.-	3VJ1103-5DA32-0AA0	18395.-	3VJ1103-5EA42-0AA0	24295.-
		40	3VJ1104-5DA22-0AA0	15470.-	3VJ1104-5DA32-0AA0	18395.-	3VJ1104-5EA42-0AA0	24295.-
		50	3VJ1105-5DA22-0AA0	15470.-	3VJ1105-5DA32-0AA0	18395.-	3VJ1105-5EA42-0AA0	24295.-
		63	3VJ1106-5DA22-0AA0	15470.-	3VJ1106-5DA32-0AA0	18395.-	3VJ1106-5EA42-0AA0	24295.-
		80	3VJ1108-5DA22-0AA0	15470.-	3VJ1108-5DA32-0AA0	18935.-	3VJ1108-5EA42-0AA0	25050.-
		100	3VJ1110-5DA22-0AA0	15470.-	3VJ1110-5DA32-0AA0	18935.-	3VJ1110-5EA42-0AA0	25050.-
		125	3VJ1112-5DA22-0AA0	15470.-	3VJ1112-5DA32-0AA0	20830.-	3VJ1112-5EA42-0AA0	27220.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	21520.-	3VJ1216-5DA32-0AA0	26490.-	3VJ1216-5EA42-0AA0	32220.-
		200	3VJ1220-5DA22-0AA0	22675.-	3VJ1220-5DA32-0AA0	32665.-	3VJ1220-5EA42-0AA0	42155.-
		250	3VJ1225-5DA22-0AA0	25590.-	3VJ1225-5DA32-0AA0	37540.-	3VJ1225-5EA42-0AA0	48310.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	54895.-	3VJ1332-5EA42-0AA0	70315.-
		400	–	–	3VJ1340-5DA32-0AA0	54895.-	3VJ1340-5EA42-0AA0	70315.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-5DA32-0AA0	82345.-	3VJ1450-5EA42-0AA0	105480.-
		630	–	–	3VJ1463-5DA32-0AA0	82345.-	3VJ1463-5EA42-0AA0	105480.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	16270.-	3VJ1196-7DA32-0AA0	23530.-	3VJ1196-7EA42-0AA0	31045.-
		20	3VJ1102-7DA22-0AA0	16270.-	3VJ1102-7DA32-0AA0	23530.-	3VJ1102-7EA42-0AA0	31045.-
		25	3VJ1192-7DA22-0AA0	16270.-	3VJ1192-7DA32-0AA0	23530.-	3VJ1192-7EA42-0AA0	31045.-
		32	3VJ1103-7DA22-0AA0	16270.-	3VJ1103-7DA32-0AA0	23530.-	3VJ1103-7EA42-0AA0	31045.-
		40	3VJ1104-7DA22-0AA0	16270.-	3VJ1104-7DA32-0AA0	23530.-	3VJ1104-7EA42-0AA0	31045.-
		50	3VJ1105-7DA22-0AA0	16270.-	3VJ1105-7DA32-0AA0	23530.-	3VJ1105-7EA42-0AA0	31045.-
		63	3VJ1106-7DA22-0AA0	16270.-	3VJ1106-7DA32-0AA0	23530.-	3VJ1106-7EA42-0AA0	31045.-
		80	3VJ1108-7DA22-0AA0	16270.-	3VJ1108-7DA32-0AA0	23530.-	3VJ1108-7EA42-0AA0	31045.-
		100	3VJ1110-7DA22-0AA0	16270.-	3VJ1110-7DA32-0AA0	23530.-	3VJ1110-7EA42-0AA0	31045.-
		125	3VJ1112-7DA22-0AA0	16270.-	3VJ1112-7DA32-0AA0	25890.-	3VJ1112-7EA42-0AA0	34140.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	23330.-	3VJ1216-7DA32-0AA0	32770.-	3VJ1216-7EA42-0AA0	43285.-
		200	3VJ1220-7DA22-0AA0	23795.-	3VJ1220-7DA32-0AA0	37680.-	3VJ1220-7EA42-0AA0	49760.-
		250	3VJ1225-7DA22-0AA0	26060.-	3VJ1225-7DA32-0AA0	43330.-	3VJ1225-7EA42-0AA0	57235.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-7DA32-0AA0	56240.-	3VJ1332-7EA42-0AA0	72330.-
		400	–	–	3VJ1340-7DA32-0AA0	56240.-	3VJ1340-7EA42-0AA0	72330.-
3VJ14 (VJ1 630)		500	–	–	3VJ1450-7DA32-0AA0	84355.-	3VJ1450-7EA42-0AA0	108475.-
		630	–	–	3VJ1463-7DA32-0AA0	84355.-	3VJ1463-7EA42-0AA0	108475.-

Notes:

Phase barriers are included in the standard MCCB packing

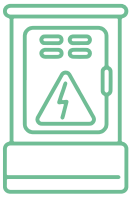
^2P in 3P Frame Size Std. Pkg. = 1 unit * MRP - Max. Retail Price



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	9575.-	3VJ1096-0EB42-0AA0	12930.-
		20	3VJ1002-0DB32-0AA0	9575.-	3VJ1002-0EB42-0AA0	12930.-
		25	3VJ1092-0DB32-0AA0	9575.-	3VJ1092-0EB42-0AA0	12930.-
		32	3VJ1003-0DB32-0AA0	9575.-	3VJ1003-0EB42-0AA0	12930.-
		40	3VJ1004-0DB32-0AA0	9575.-	3VJ1004-0EB42-0AA0	12930.-
		50	3VJ1005-0DB32-0AA0	9575.-	3VJ1005-0EB42-0AA0	12930.-
		63	3VJ1006-0DB32-0AA0	9575.-	3VJ1006-0EB42-0AA0	12930.-
		80	3VJ1008-0DB32-0AA0	9575.-	3VJ1008-0EB42-0AA0	12930.-
		100	3VJ1010-0DB32-0AA0	9575.-	3VJ1010-0EB42-0AA0	12930.-
		125	3VJ1012-0DB32-0AA0	13775.-	3VJ1012-0EB42-0AA0	19440.-
	18kA	16	3VJ1096-1DB32-0AA0	14480.-	3VJ1096-1EB42-0AA0	18580.-
		20	3VJ1002-1DB32-0AA0	14480.-	3VJ1002-1EB42-0AA0	18580.-
		25	3VJ1092-1DB32-0AA0	14480.-	3VJ1092-1EB42-0AA0	18580.-
		32	3VJ1003-1DB32-0AA0	14480.-	3VJ1003-1EB42-0AA0	18580.-
		40	3VJ1004-1DB32-0AA0	14480.-	3VJ1004-1EB42-0AA0	18580.-
		50	3VJ1005-1DB32-0AA0	14480.-	3VJ1005-1EB42-0AA0	18580.-
		63	3VJ1006-1DB32-0AA0	14480.-	3VJ1006-1EB42-0AA0	18580.-
		80	3VJ1008-1DB32-0AA0	14480.-	3VJ1008-1EB42-0AA0	18580.-
		100	3VJ1010-1DB32-0AA0	14480.-	3VJ1010-1EB42-0AA0	18580.-
		125	3VJ1012-1DB32-0AA0	16595.-	3VJ1012-1EB42-0AA0	21610.-
	25kA	16	3VJ1096-3DB32-0AA0	16630.-	3VJ1096-3EB42-0AA0	22060.-
		20	3VJ1002-3DB32-0AA0	16630.-	3VJ1002-3EB42-0AA0	22060.-
		25	3VJ1092-3DB32-0AA0	16630.-	3VJ1092-3EB42-0AA0	22060.-
		32	3VJ1003-3DB32-0AA0	16630.-	3VJ1003-3EB42-0AA0	22060.-
		40	3VJ1004-3DB32-0AA0	16630.-	3VJ1004-3EB42-0AA0	22060.-
		50	3VJ1005-3DB32-0AA0	16630.-	3VJ1005-3EB42-0AA0	22060.-
		63	3VJ1006-3DB32-0AA0	16630.-	3VJ1006-3EB42-0AA0	22060.-
		80	3VJ1008-3DB32-0AA0	16630.-	3VJ1008-3EB42-0AA0	22060.-
		100	3VJ1010-3DB32-0AA0	16630.-	3VJ1010-3EB42-0AA0	22060.-
		125	3VJ1012-3DB32-0AA0	18970.-	3VJ1012-3EB42-0AA0	24250.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



3VJ1 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	26670.-	3VJ1216-3EB42-0AA0	32470.-
		200	3VJ1220-3DB32-0AA0	28805.-	3VJ1220-3EB42-0AA0	36250.-
		250	3VJ1225-3DB32-0AA0	32410.-	3VJ1225-3EB42-0AA0	42690.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	60660.-	3VJ1332-3EB42-0AA0	78120.-
		400	3VJ1340-3DB32-0AA0	60660.-	3VJ1340-3EB42-0AA0	78120.-
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	22060.-	3VJ1196-5EB42-0AA0	29130.-
		20	3VJ1102-5DB32-0AA0	22060.-	3VJ1102-5EB42-0AA0	29130.-
		25	3VJ1192-5DB32-0AA0	22060.-	3VJ1192-5EB42-0AA0	29130.-
		32	3VJ1103-5DB32-0AA0	22060.-	3VJ1103-5EB42-0AA0	29130.-
		40	3VJ1104-5DB32-0AA0	22060.-	3VJ1104-5EB42-0AA0	29130.-
		50	3VJ1105-5DB32-0AA0	22060.-	3VJ1105-5EB42-0AA0	29130.-
		63	3VJ1106-5DB32-0AA0	22060.-	3VJ1106-5EB42-0AA0	29130.-
		80	3VJ1108-5DB32-0AA0	22060.-	3VJ1108-5EB42-0AA0	29130.-
		100	3VJ1110-5DB32-0AA0	22060.-	3VJ1110-5EB42-0AA0	29130.-
		125	3VJ1112-5DB32-0AA0	24985.-	3VJ1112-5EB42-0AA0	31675.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	30250.-	3VJ1216-5EB42-0AA0	36790.-
		200	3VJ1220-5DB32-0AA0	39170.-	3VJ1220-5EB42-0AA0	50550.-
		250	3VJ1225-5DB32-0AA0	45030.-	3VJ1225-5EB42-0AA0	57935.-
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	62170.-	3VJ1332-5EB42-0AA0	79630.-
		400	3VJ1340-5DB32-0AA0	62170.-	3VJ1340-5EB42-0AA0	79630.-
3VJ14 (VJ1 630)		500	3VJ1450-5DB32-0AA0	93270.-	3VJ1450-5EB42-0AA0	119455.-
		630	3VJ1463-5DB32-0AA0	93270.-	3VJ1463-5EB42-0AA0	119455.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DB32-0AA0	26645.-	3VJ1196-7EB42-0AA0	35150.-
		20	3VJ1102-7DB32-0AA0	26645.-	3VJ1102-7EB42-0AA0	35150.-
		25	3VJ1192-7DB32-0AA0	26645.-	3VJ1192-7EB42-0AA0	35150.-
		32	3VJ1103-7DB32-0AA0	26645.-	3VJ1103-7EB42-0AA0	35150.-
		40	3VJ1104-7DB32-0AA0	26645.-	3VJ1104-7EB42-0AA0	35150.-
		50	3VJ1105-7DB32-0AA0	26645.-	3VJ1105-7EB42-0AA0	35150.-
		63	3VJ1106-7DB32-0AA0	26645.-	3VJ1106-7EB42-0AA0	35150.-
		80	3VJ1108-7DB32-0AA0	26645.-	3VJ1108-7EB42-0AA0	35150.-
		100	3VJ1110-7DB32-0AA0	26645.-	3VJ1110-7EB42-0AA0	35150.-
		125	3VJ1112-7DB32-0AA0	29315.-	3VJ1112-7EB42-0AA0	38670.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	35075.-	3VJ1216-7EB42-0AA0	46340.-
		200	3VJ1220-7DB32-0AA0	40350.-	3VJ1220-7EB42-0AA0	53270.-
		250	3VJ1225-7DB32-0AA0	46370.-	3VJ1225-7EB42-0AA0	61265.-
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	63690.-	3VJ1332-7EB42-0AA0	81925.-
		400	3VJ1340-7DB32-0AA0	63690.-	3VJ1340-7EB42-0AA0	81925.-
3VJ14 (VJ1 630)		500	3VJ1450-7DB32-0AA0	95550.-	3VJ1450-7EB42-0AA0	122870.-
		630	3VJ1463-7DB32-0AA0	95550.-	3VJ1463-7EB42-0AA0	122870.-

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	10730.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	3700.-
	4P	7UG09911	4225.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	4225.-
	4P	7UG09911	4225.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	4470.-
	4P	7UG09913	5270.-
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P	7UG09915	7140.-

Earth Leakage Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	10385.-
	230VAC	7UG0842-1CD20	10490.-
CBCT for ELR	35 mm dia	7UG0996	3775.-
	70 mm dia	7UG0997	4320.-
	120 mm dia	7UG0999	7360.-
	210 mm dia	7UG0994	14145.-
	310 mm dia	7UG0995	21085.-

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

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

3VJ1 Internal accessories

Frame Size / Accessory	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	3450.-	3VJ9218-0AN11	3560.-	3VJ9218-0AN11	3560.-	3VJ9417-0AN11	3860.-
	Right	–	–	3VJ9218-0AN21	3560.-	3VJ9218-0AN21	3560.-	3VJ9417-0AN21	3860.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	3450.-	3VJ9118-0AA11	3450.-	3VJ9218-0AA11	3560.-	3VJ9417-0AA11	3860.-
	Right	–	–	3VJ9118-0AA21	3450.-	3VJ9218-0AA21	3560.-	3VJ9417-0AA21	3860.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	5580.-	3VJ9118-0AD11	5580.-	3VJ9218-0AD11	5855.-	3VJ9417-0AD11	6655.-
	Right	–	–	3VJ9118-0AD21	5580.-	3VJ9218-0AD21	5855.-	3VJ9417-0AD21	6655.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	7100.-	3VJ9218-0ST11	7100.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	7985.-
	48V DC	–	–	3VJ9218-0ST12	7100.-	3VJ9218-0ST12	7100.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	7985.-
	110V DC	3VJ9018-0ST15	5170.-	3VJ9218-0ST15	7100.-	3VJ9218-0ST15	7100.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	7985.-
	110V AC	3VJ9018-0ST35	5170.-	3VJ9218-0ST35	7375.-	3VJ9218-0ST35	7375.-	–	–
	220V AC	3VJ9018-0ST36	5605.-	3VJ9218-0ST36	7620.-	3VJ9218-0ST36	7620.-	3VJ9417-0ST36	8785.-
	415V AC	3VJ9018-0ST37	5605.-	3VJ9218-0ST37	7620.-	3VJ9218-0ST37	7620.-	3VJ9417-0ST37	8785.-
Undervoltage Release (Left) (UVR)	24V DC	–	–	3VJ9218-0UV11	10175.-	3VJ9218-0UV11	10175.-	–	–
	48V DC	–	–	3VJ9218-0UV12	10175.-	3VJ9218-0UV12	10175.-	–	–
	220V AC	–	–	3VJ9218-0UV36	10685.-	3VJ9218-0UV36	10685.-	3VJ9417-0UV36	26630.-
	415V AC	–	–	3VJ9218-0UV37	11435.-	3VJ9218-0UV37	11435.-	3VJ9417-0UV37	26630.-

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

3VJ1 External accessories

Frame Size / Accessory	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	5090.-	3VJ9118-0HD11	5480.-	3VJ9218-0HD11	6410.-	3VJ9417-0HD11	8465.-	3VJ9417-0HD11	8465.-
Spreader Links^	2P	3VJ9012-0ED00	460.-	3VJ9112-0ED00	505.-	3VJ9212-0ED00	1535.-	–	–	–	–
	3P	3VJ9013-0ED00	780.-	3VJ9113-0ED00	815.-	3VJ9213-0ED00	2480.-	3VJ9313-0ED00	4325.-	3VJ9413-0ED00	5430.-
	4P	3VJ9014-0ED00	1010.-	3VJ9114-0ED00	1050.-	3VJ9214-0ED00	3235.-	3VJ9314-0ED00	6090.-	3VJ9414-0ED00	7670.-
Phase Barriers#		3VJ9018-0CA00	360.-	3VJ9218-0CA00	565.-	3VJ9218-0CA00	565.-	3VJ9417-0CA00	640.-	3VJ9417-0CA00	640.-
Front Barriers$	2P/3P	3VJ9016-0CJ30	820.-	3VJ9116-0CJ30	980.-	3VJ9216-0CJ30	1405.-	3VJ9413-0CJ30	1830.-	3VJ9413-0CJ30	1830.-
	4P	3VJ9014-0CJ40	1150.-	3VJ9114-0CJ40	1250.-	3VJ9214-0CJ40	1645.-	3VJ9414-0CJ40	2255.-	3VJ9414-0CJ40	2255.-
Toogle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	1445.-	3VJ9417-0DH10	1445.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	12920.-	8UC60701YQ..	12920.-	8UC60701YQ..	12920.-	8UC60702YQ..	13260.-	8UC60702YQ..	13260.-
SS Enclosures	2P/3P	3VJ9016-0DE11	5755.-	3VJ9116-0DE11	5755.-	3VJ9216-0DE12	12605.-	–	–	–	–
	4P	3VJ9014-0DE11	5755.-	3VJ9114-0DE11	5755.-	3VJ9214-0DE12	12605.-				
Padlock on MCCB Dolly/ Knob	–	–	–	3VJ9118-0LM10	2305.-	3VJ9218-0LM10	2305.-	3VJ9317-0LM10	5580.-	3VJ9317-0LM10	5580.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	–	–	3VJ9116-0VM10	6295.-	3VJ9216-0VM10	12270.-	3VJ9313-0VM10	23910.-	3VJ9313-0VM10	23910.-
	4P	–	–	3VJ9114-0VM10	6560.-	3VJ9214-0VM10	14480.-	3VJ9314-0VM10	31990.-	3VJ9314-0VM10	31990.-

Notes:
@ 1 set contains rotary mechanism, coupler, shaft & 8UC handle.
^ Spreader link 1 set = 2 nos. links in case of 2 pole; 3 nos. links in case of 3 pole; 4 nos. links in case of 4 pole.
# Available as a spare; 1 set contains 2 phase barriers
$ 1 set contains 2 front barriers (top & bottom)
Toggle handle extension is included in the standard packing of 3VJ13 & 3VJ14 MCCBs.
2P/3P SS enclosures provide inbuilt neutral link for TPN system
Padlocking devices can be used for locking MCCB in Off position
Mechanical interlocking devices can not be used along with the rotary operators
Std. Pkg. = 1 unit * MRP - Max. Retail Price

THE POWER OF **SIMPLICITY**

SINOPLUS 3VJ2 moulded case circuit breakers

Microprocessor Based Trip Unit

Compact
Effcient design

Versatile
For various applications

Reliable
Siemens trusted quality

Operational efficiency
Reduced downtime

NEW

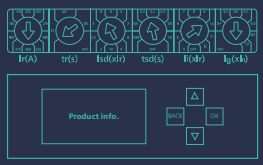


Product highlights

Range

Current rating from	Ics = Icu =
63A to 630A	36kA & 55kA

Microprocessor Based trip units



Color coded knob switches & Display options

3P, 4P
LSI, LSIG

Enhanced protection

Microprocessor trip units
L : Overload protection
S : Short time delayed short circuit protection
I : Instanstaneous short circuit protection
G : Ground fault protection

Enhanced protection

Approbations

RoHS	IEC 60947-1 General rules	IEC 60947-2 Circuit breakers

IEC 60947-5-1
Control circuit devices and switching elements - Electromechanical control circuit devices

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3VJ Moulded Case Circuit Breaker

NEW

3VJ2 MCCB, Microprocessor Trip Unit, knob type LSI, Ics=100%Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹
3VJ21 (FS160)	36kA	63	3VJ2106-6JP32-0AA0	POR
		100	3VJ2110-6JP32-0AA0	
		160	3VJ2116-6JP32-0AA0	
3VJ23 (FS400)		400	3VJ2340-6JP32-0AA0	
3VJ24 (FS630)		630	3VJ2463-6JP32-0AA0	
3VJ21 (FS160)	55kA	63	3VJ2106-8JP32-0AA0	POR
		100	3VJ2110-8JP32-0AA0	
		160	3VJ2116-8JP32-0AA0	
3VJ22 (FS250)		160	3VJ2216-8JP32-0AA0	
		200	3VJ2220-8JP32-0AA0	
		250	3VJ2225-8JP32-0AA0	
3VJ23 (FS400)		400	3VJ2340-8JP32-0AA0	
3VJ24 (FS630)		630	3VJ2463-8JP32-0AA0	

3VJ2 MCCB, Microprocessor Trip Unit, knob type LSIG, Ics=100%Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VJ21 (FS160)	36kA	63	3VJ2106-6JQ32-0AA0	POR	3VJ2106-6JQ42-0AA0	POR
		100	3VJ2110-6JQ32-0AA0		3VJ2110-6JQ42-0AA0	
		160	3VJ2116-6JQ32-0AA0		3VJ2116-6JQ42-0AA0	
3VJ23 (FS400)		400	3VJ2340-6JQ32-0AA0		3VJ2340-6JQ42-0AA0	
3VJ24 (FS630)		630	3VJ2463-6JQ32-0AA0		3VJ2463-6JQ42-0AA0	
3VJ21 (FS160)	55kA	63	3VJ2106-8JQ32-0AA0	POR	3VJ2106-8JQ42-0AA0	POR
		100	3VJ2110-8JQ32-0AA0		3VJ2110-8JQ42-0AA0	
		160	3VJ2116-8JQ32-0AA0		3VJ2116-8JQ42-0AA0	
3VJ22 (FS250)		160	3VJ2216-8JQ32-0AA0		3VJ2216-8JQ42-0AA0	
		200	3VJ2220-8JQ32-0AA0		3VJ2220-8JQ420-AA0	
		250	3VJ2225-8JQ32-0AA0		3VJ2225-8JQ42-0AA0	
3VJ23 (FS400)		400	3VJ2340-8JQ32-0AA0		3VJ2340-8JQ42-0AA0	
3VJ24 (FS630)		630	3VJ2463-8JQ32-0AA0		3VJ2463-8JQ42-0AA0	

3VJ2 MCCB, Microprocessor Trip Unit, Display type LSI, Ics=100%Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹
3VJ21 (FS160)	36kA	63	3VJ2106-6KP32-0AA0	POR
		100	3VJ2110-6KP32-0AA0	
		160	3VJ2116-6KP32-0AA0	
3VJ23 (FS400)		400	3VJ2340-6KP32-0AA0	
3VJ24 (FS630)		630	3VJ2463-6KP32-0AA0	
3VJ21 (FS160)	55kA	63	3VJ2106-8KP32-0AA0	POR
		100	3VJ2110-8KP32-0AA0	
		160	3VJ2116-8KP32-0AA0	
3VJ22 (FS250)		160	3VJ2216-8KP32-0AA0	
		200	3VJ2220-8KP32-0AA0	
		250	3VJ2225-8KP32-0AA0	
3VJ23 (FS400)		400	3VJ2340-8KP32-0AA0	
3VJ24 (FS630)		630	3VJ2463-8KP32-0AA0	

POR: Price On Request

Std. Pkg. = 1 unit

* LP = List Price

3VJ2 MCCB, Microprocessor Trip Unit, Display type LSIG, Ics=100%Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VJ21 (FS160)	36kA	63	3VJ2106-6KQ32-0AA0	POR	3VJ2106-6KQ42-0AA0	POR
		100	3VJ2110-6KQ32-0AA0		3VJ2110-6KQ42-0AA0	
		160	3VJ2116-6KQ32-0AA0		3VJ2116-6KQ42-0AA0	
3VJ23 (FS400)		400	3VJ2340-6KQ32-0AA0		3VJ2340-6KQ42-0AA0	
3VJ24 (FS630)		630	3VJ2463-6KQ32-0AA0		3VJ2463-6KQ42-0AA0	
3VJ21 (FS160)	55kA	63	3VJ2106-8KQ32-0AA0	POR	3VJ2106-8KQ42-0AA0	POR
		100	3VJ2110-8KQ32-0AA0		3VJ2110-8KQ42-0AA0	
		160	3VJ2116-8KQ32-0AA0		3VJ2116-8KQ42-0AA0	
3VJ22 (FS250)		160	3VJ2216-8KQ32-0AA0		3VJ2216-8KQ42-0AA0	
		200	3VJ2220-8KQ32-0AA0		3VJ2220-8KQ42-0AA0	
		250	3VJ2225-8KQ32-0AA0		3VJ2225-8KQ42-0AA0	
3VJ23 (FS400)		400	3VJ2340-8KQ32-0AA0		3VJ2340-8KQ42-0AA0	
3VJ24 (FS630)		630	3VJ2463-8KQ32-0AA0		3VJ2463-8KQ42-0AA0	

3VJ2 MCCB Internal Accessories

Frame Size / Accessory	Coil Voltage	Accessory Compartment	3VJ21 (FS160)	Unit LP* ₹	3VJ22 (FS250)	Unit LP* ₹	3VJ23 / 3VJ24 (FS400 / FS630)	Unit LP* ₹
Aux Switch (AUX)	–	Left	3VJ9128-0AN11	POR	3VJ9228-0AN11	POR	3VJ9427-0AN11	POR
	–	Right	3VJ9128-0AN21		3VJ9228-0AN21		3VJ9427-0AN21	
Alarm Switch (AL)	–	Left	3VJ9128-0AA11		3VJ9228-0AA11		3VJ9427-0AA11	
	–	Right	3VJ9128-0AA21		3VJ9228-0AA21		3VJ9427-0AA21	
Aux + Alarm Switch (AUX + AL)	–	Left	3VJ9128-0AD11		3VJ9228-0AD11		3VJ9427-0AD11	
	–	Right	3VJ9128-0AD21		3VJ9228-0AD21		3VJ9427-0AD21	
Shunt Release (ST)	24VDC	Left	3VJ9128-0ST11		3VJ9228-0ST11		3VJ9428-0ST11	
		Right	3VJ9128-0ST21		3VJ9228-0ST21		3VJ9428-0ST21	
	230VAC	Left	3VJ9128-0ST36		3VJ9228-0ST36		3VJ9428-0ST36	
		Right	3VJ9128-0ST46		3VJ9228-0ST46		3VJ9428-0ST46	
	415VAC	Left	3VJ9128-0ST37		3VJ9228-0ST37		3VJ9428-0ST37	
		Right	3VJ9128-0ST47		3VJ9228-0ST47		3VJ9428-0ST47	
UV Release (UVR)	220VDC	Left	–		–		3VJ9428-0UV16	
		Right	3VJ9128-0UV26		3VJ9228-0UV26		–	
	230VAC	Left	–		–		3VJ9428-0UV36	
		Right	3VJ9128-0UV46		3VJ9228-0UV46		–	
	415VAC	Left	–		–		3VJ9428-0UV37	
		Right	3VJ9128-0UV47		3VJ9228-0UV47		–	

3VJ2 MCCB External Accessories

Frame Size / Accessory	No. of poles	3VJ21 (FS160)	Unit LP* ₹	3VJ22 (FS250)	Unit LP* ₹	3VJ23 (FS400)	Unit LP* ₹	3VJ24 (FS630)	Unit LP* ₹
Extended Door Mounted Rotary Operator	–	3VJ9128-0HD11	POR	3VJ9228-0HD11	POR	3VJ9427-0HD11	POR	3VJ9427-0HD11	POR
Spreader Links^	3P	3VJ9123-0ED00		3VJ9223-0ED00		3VJ9323-0ED00		3VJ9423-0ED00	
	4P	3VJ9124-0ED00		3VJ9224-0ED00		3VJ9324-0ED00		3VJ9424-0ED00	
Phase Barriers#	3P	3VJ9123-0CA00		3VJ9223-0CA00		3VJ9423-0CA00		3VJ9423-0CA00	
	4P	3VJ9124-0CA10		3VJ9224-0CA10		3VJ9424-0CA00		3VJ9424-0CA00	
Terminal Covers$	3P	3VJ9126-0CJ30		3VJ9226-0CJ30		3VJ9423-0CJ30		3VJ9423-0CJ30	
	4P	3VJ9126-0CJ40		3VJ9226-0CJ40		3VJ9423-0CJ40		3VJ9423-0CJ40	
Toggle Handle Extension	–	–		–		3VJ9427-0DH10		3VJ9427-0DH10	

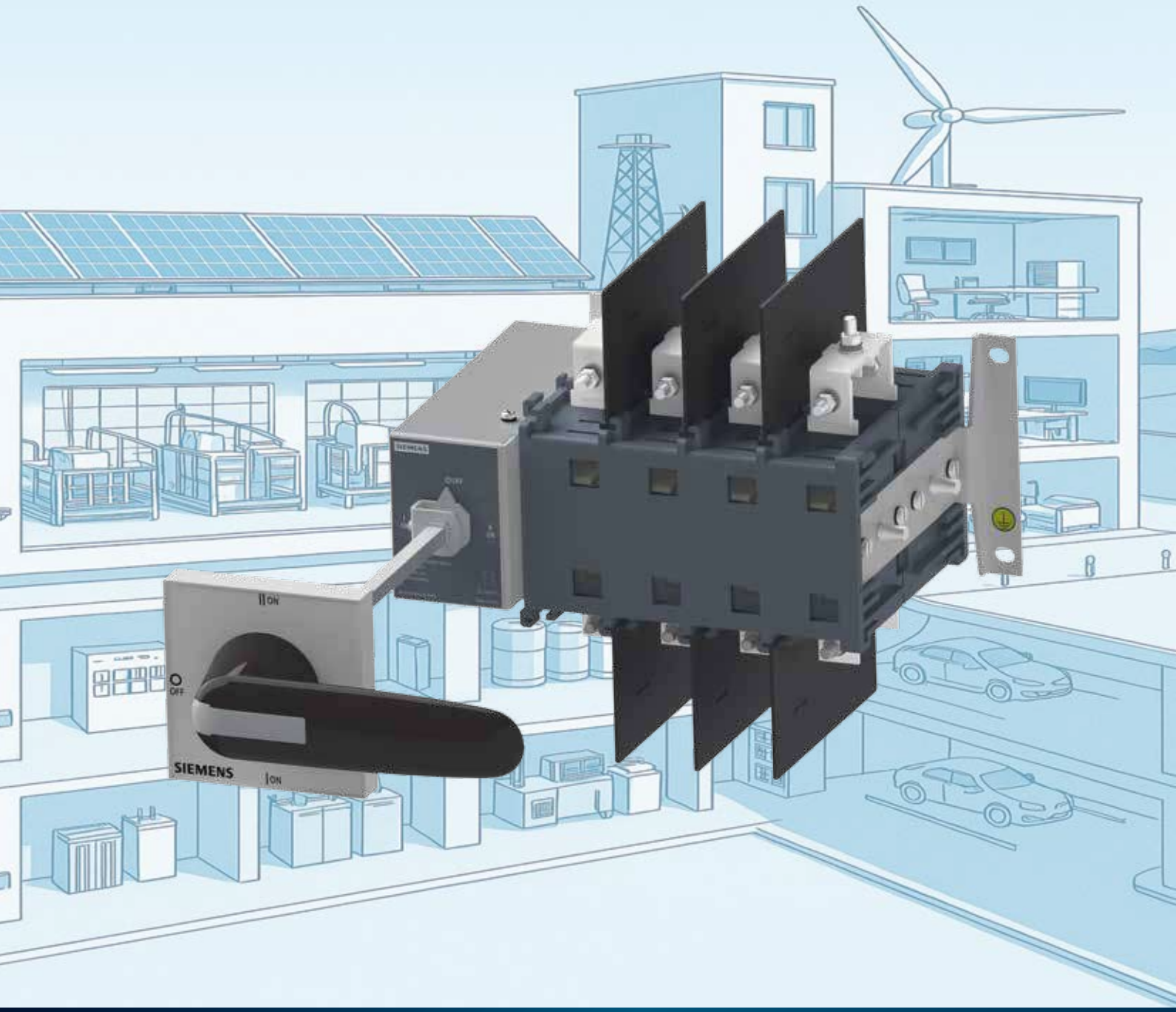
Notes:

^ Spreader Link 1 set = 3 nos of links in case of 3 pole; 4 nos of links in case of 4 pole

Phase Barriers 1 set = 4 phase barriers in case of 3pole; 6 phase barriers in case of 4 pole

$ 1 no contains 1 Terminal cover (can be placed either on top or on bottom side)

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



THE POWER OF **SIMPLICITY**

SINOPLUS 3KJ On Load Changeover Switches

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

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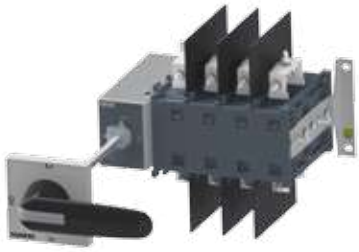
Manual On Load Changeover Switch 3KJ

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





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

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

Notes:
3KJ On Load Changeover Switch is switch 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


Auxiliary switch


Gland box

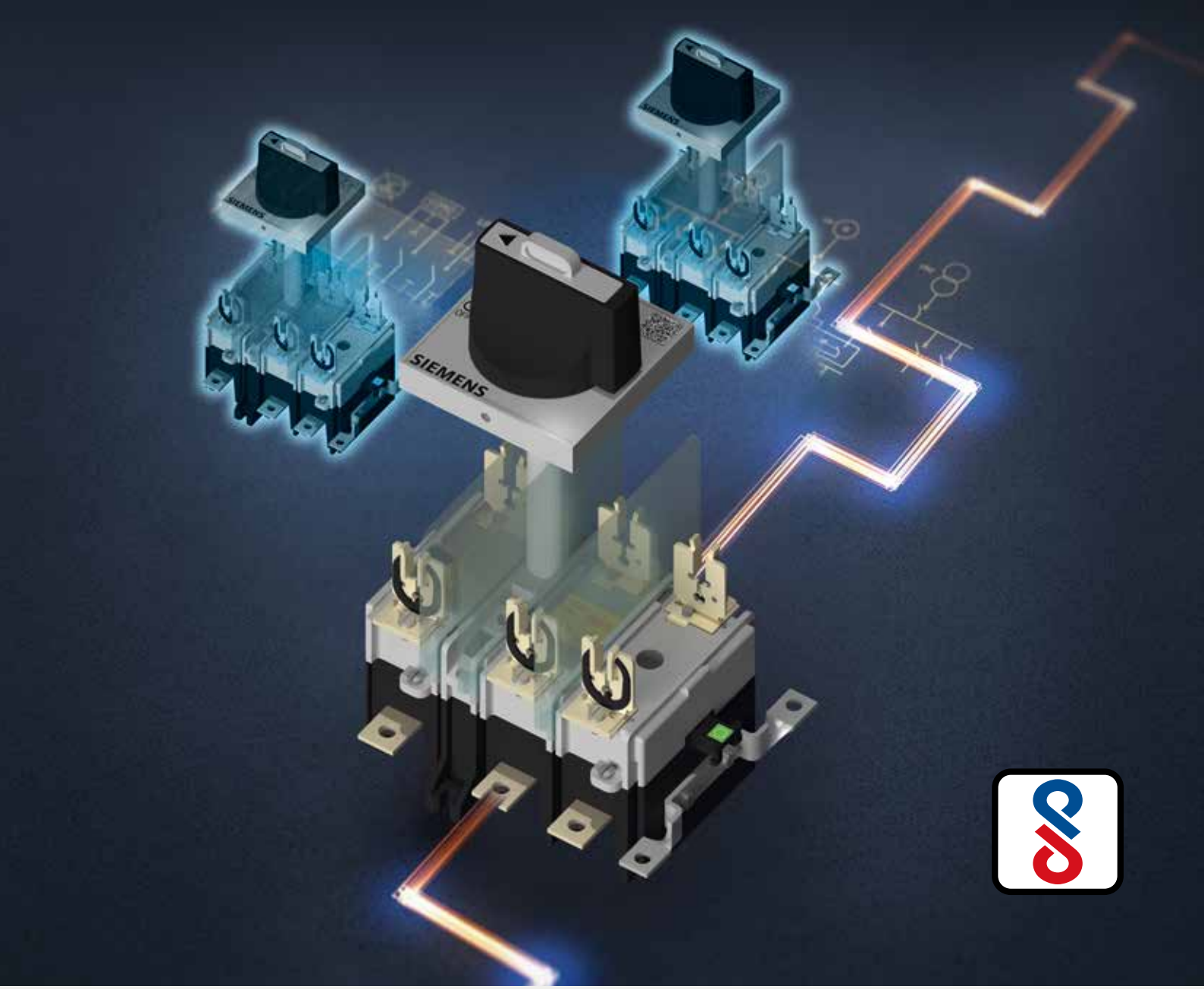
Accessories and spares

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

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary Switch [1]	1NO+1NC	3KJ9001-5AB00	6160.-	3KJ9001-5AB00	6160.-	3KJ9001-5AB00	6160.-	1
	2NO+2NC	3KJ9001-5AD00	23035.-	3KJ9001-5AD00	23035.-	3KJ9001-5AD00	23035.-	1
Gland box [2]	With one gland plate	3KJ9013-3MC00	22030.-					1
Spare Phase barrier		3KJ9003-3CA00	175.-	3KJ9003-4CA00	620.-			1
	Lower side					3KJ9003-5CA10	620.-	1
	Front side					3KJ9003-5CA20	680.-	1
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	1260.-					1
	Metallic			3KJ9006-4FM00	3660.-	3KJ9006-5FM00	3925.-	1
Spare Shaft		3KJ9007-4GA00	800.-	3KJ9007-4GA00	800.-	3KJ9007-5GA00	800.-	1
Spare pole [3]		630A 3KJ9008-3HJ00	POR	1000A 3KJ9008-4HL00	POR	2000A 3KJ9008-4HL00	POR	1
		800A 3KJ9008-3HK00		1250A 3KJ9008-4HM00		2500A 3KJ9008-4HM00		1
				1600A 3KJ9008-4HN00		3150A 3KJ9008-4HN00		1
Spare Extended link				1000A 3KJ9012-4LA00	POR			1
				1250A 3KJ9012-4LB00				1
				1600A 3KJ9012-4LC00				1
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A 3KJ9002-4BH00	POR			1
		800A 3KJ9002-3BG00		1250A 3KJ9002-4BJ00		2000A 3KJ9002-5BL20 3KJ9002-5BL30	POR	1
				1600A 3KJ9002-4BK10 3KJ9002-4BK20		2500A 3KJ9002-5BM20 3KJ9002-5BM30		1
						3150A 3KJ9002-5BN30 3KJ9002-5BN40 3KJ9002-5BN50		1
	Line side connection					2000A 3KJ9002-5BL10		1
						2500A 3KJ9002-5BM10		1
						3150A 3KJ9002-5BN10 3KJ9002-5BN20		1

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

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



SUPERSWITCH

Switch Disconnector Fuse - **3KL8**

Safe. Reliable. Efficient.

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

SIEMENS

Superswitch 3KL8

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



4P



3PN



3P



2P

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

Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	8425.-	3KL8111-4TJ00	8560.-	3KL8111-4TC00	8750.-	1
32A	3KL8121-4TA00	8720.-	3KL8121-4TJ00	9390.-	3KL8121-4TC00	9445.-	1
63A	3KL8151-4TA00	11730.-	3KL8151-4TJ00	11900.-	3KL8151-4TC00	12385.-	1
100A	3KL8171-4TA00	17610.-	–	–	–	–	1
100A	3KL8211-4TA00	25300.-	3KL8211-4TJ00	27590.-	–	–	1
125A	3KL8221-4TA00	30995.-	3KL8221-4TJ00	32845.-	–	–	1
160A	3KL8231-4TA00	34415.-	3KL8231-4TJ00	39905.-	–	–	1
200A	3KL8311-4UA00	49380.-	3KL8311-4UJ00	51840.-	–	–	1
250A	3KL8321-4UA00	57535.-	3KL8321-4UJ00	61440.-	–	–	1
315A	3KL8331-4UA00	69245.-	3KL8331-4UJ00	75810.-	–	–	1
400A	3KL8341-4UA00	76195.-	3KL8341-4UJ00	87575.-	–	–	1
500A	3KL8411-4UA00	123745.-	3KL8411-4UJ00	141150.-	–	–	1
630A	3KL8421-4UA00	128300.-	3KL8421-4UJ00	146255.-	–	–	1
800A$	3KL8431-4UA00	151640.-	3KL8431-4UJ00	158480.-	–	–	1

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

Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	7480.-	3KL8111-5TJ00	7500.-	3KL8111-5TC00	7540.-	1
32A	3KL8121-5TA00	7595.-	3KL8121-5TJ00	7645.-	3KL8121-5TC00	7710.-	1
63A	3KL8151-5TA00	10200.-	3KL8151-5TJ00	10410.-	3KL8151-5TC00	10505.-	1
100A	3KL8171-5TA00	14610.-	–	–	–	–	1
100A	3KL8211-5TA00	20345.-	3KL8211-5TJ00	20525.-	–	–	1
125A	3KL8221-5TA00	26190.-	3KL8221-5TJ00	26300.-	–	–	1
160A	3KL8231-5TA00	28025.-	3KL8231-5TJ00	28145.-	–	–	1
200A	3KL8311-5UA00	38460.-	3KL8311-5UJ00	39620.-	–	–	1
250A	3KL8321-5UA00	43690.-	3KL8321-5UJ00	44875.-	–	–	1
315A	3KL8331-5UA00	52020.-	3KL8331-5UJ00	52895.-	–	–	1
400A	3KL8341-5UA00	62690.-	3KL8341-5UJ00	63620.-	–	–	1
500A	3KL8411-5UA00	100830.-	3KL8411-5UJ00	103145.-	–	–	1
630A	3KL8421-5UA00	106195.-	3KL8421-5UJ00	111715.-	–	–	1
800A$	3KL8431-5UA00	113240.-	3KL8431-5UJ00	121045.-	–	–	1

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

Rated current I_e @ 690V< 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	7260.-	1
32A	3KL8121-1TA00	7400.-	1
63A	3KL8151-1TA00	10045.-	1
100A	3KL8211-1TA00	19980.-	1
125A	3KL8221-1TA00	25410.-	1
160A	3KL8231-1TA00	27460.-	1
200A	3KL8311-1UA00	37265.-	1
250A	3KL8321-1UA00	43445.-	1
315A	3KL8331-1UA00	51235.-	1
400A	3KL8341-1UA00	61690.-	1
500A	3KL8411-1UA00	99290.-	1
630A	3KL8421-1UA00	105530.-	1
800A$	3KL8431-1UA00	112540.-	1

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

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

< 415V AC for size 3,3KL83 SDF

Notes:

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

3KL8: Unit MRPs are without fuses

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

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

Refer the OM for changes in dimension

Superswitch 3KL8

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



Rated current I_e @690V< 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A@	3KL8111-2TA00	6760.-	–	–	3KL8111-2TC00	6900.-	1
32A@	3KL8121-2TA00	6900.-	–	–	3KL8121-2TC00	7195.-	1
63A@	3KL8151-2TA00	8975.-	–	–	3KL8151-2TC00	9055.-	1
100A@	3KL8171-2TA00	13885.-	–	–	–	–	1
100A	3KL8211-2TA00	19110.-	3KL8211-2TJ00	19550.-	–	–	1
125A	3KL8221-2TA00	22145.-	3KL8221-2TJ00	24120.-	–	–	1
160A	3KL8231-2TA00	23030.-	3KL8231-2TJ00	25985.-	–	–	1
200A	3KL8311-2UA00	33470.-	3KL8311-2UJ00	36580.-	–	–	1
250A	3KL8321-2UA00	36450.-	3KL8321-2UJ00	40390.-	–	–	1
315A	3KL8331-2UA00	44360.-	3KL8331-2UJ00	47050.-	–	–	1
400A	3KL8341-2UA00	52835.-	3KL8341-2UJ00	55550.-	–	–	1
500A	3KL8411-2UA00	83435.-	3KL8411-2UJ00	97150.-	–	–	1
630A	3KL8421-2UA00	85345.-	3KL8421-2UJ00	98570.-	–	–	1
800A$	3KL8431-2UA00	111010.-	3KL8431-2UJ00	111385.-	–	–	1

Switch disconnector fuse in SS^ Enclosure (factory fitted)>



Rated current I_e @690V< 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	15640.-	3KL8111-4TA10	18030.-	1
	BS	3KL8111-5TJ10	15780.-	3KL8111-4TJ10	18065.-	1
	CYL	3KL8111-5TC10	15860.-	3KL8111-4TC10	18215.-	1
32A	DIN	3KL8121-5TA10	16735.-	3KL8121-4TA10	18600.-	1
	BS	3KL8121-5TJ10	16780.-	3KL8121-4TJ10	18810.-	1
	CYL	3KL8121-5TC10	16865.-	3KL8121-4TC10	18875.-	1
63A	DIN	3KL8151-5TA10	18580.-	3KL8151-4TA10	21925.-	1
	BS	3KL8151-5TJ10	18650.-	3KL8151-4TJ10	22470.-	1
	CYL	3KL8151-5TC10	18800.-	3KL8151-4TC10	22550.-	1
100A	DIN	3KL8211-5TA10	29790.-	3KL8211-4TA10	35315.-	1
	BS	3KL8211-5TJ10	30665.-	3KL8211-4TJ10	35670.-	1
125A	DIN	3KL8221-5TA10	35300.-	3KL8221-4TA10	42530.-	1
	BS	3KL8221-5TJ10	35570.-	3KL8221-4TJ10	43870.-	1
160A	DIN	3KL8231-5TA10	37880.-	3KL8231-4TA10	46750.-	1
	BS	3KL8231-5TJ10	38165.-	3KL8231-4TJ10	47065.-	1
200A	DIN	3KL8311-5UA10	54620.-	3KL8311-4UA10	76330.-	1
	BS	3KL8311-5UJ10	55050.-	3KL8311-4UJ10	78085.-	1
250A	DIN	3KL8321-5UA10	61925.-	3KL8321-4UA10	81275.-	1
	BS	3KL8321-5UJ10	62350.-	3KL8321-4UJ10	81850.-	1
315A	DIN	3KL8331-5UA10	73660.-	3KL8331-4UA10	96745.-	1
	BS	3KL8331-5UJ10	74065.-	3KL8331-4UJ10	97220.-	1
400A	DIN	3KL8341-5UA10	84960.-	3KL8341-4UA10	108475.-	1
	BS	3KL8341-5UJ10	86050.-	3KL8341-4UJ10	108930.-	1
500A	DIN	3KL8411-5UA10	126520.-	3KL8411-4UA10	159540.-	1
	BS	3KL8411-5UJ10	126900.-	3KL8411-4UJ10	161255.-	1
630A	DIN	3KL8421-5UA10	133205.-	3KL8421-4UA10	169420.-	1
	BS	3KL8421-5UJ10	133585.-	3KL8421-4UJ10	169915.-	1
800A$	DIN	3KL8431-5UA10	142990.-	3KL8431-4UA10	181880.-	1
	BS	3KL8431-5UJ10	143370.-	3KL8431-4UJ10	182360.-	1

SS ^ Enclosure for 3KL8/ 3KA8

Rated current I_e @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	10625.-	1
200A-400A	3KX8345-4AC	14150.-	1
500A-800A	3KX8435-4AC 1)	23190.-	1
200A-800A	3KX8435-4AG # 2)	39820.-	1

^ SS stands for Sheet Steel

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

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

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

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

@ In 3P housing

^ SS stands for Sheet Steel

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

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

< 415V AC for size 3, 3KL83 SDF

Notes:

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

3KL8: Unit MRPs are without fuses

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

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension

The Enclosures are open at both top and bottom, Kindly order separate gland plates. Refer Accessories for Superswitch 3KL8/3KA8

Superswitch 3KA8



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

Rated current I_e @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00@	7910.-	3KA8151-5TE00	9540.-	3KA8151-4TE00	13565.-	1
100A	–	–	3KA8171-5TE00	14830.-	3KA8171-4TE00	27290.-	1
100A	3KA8211-2TE00	13840.-	3KA8211-5TE00	18865.-	3KA8211-4TE00	31550.-	1
125A	3KA8221-2TE00	17375.-	3KA8221-5TE00	21665.-	3KA8221-4TE00	33890.-	1
160A	3KA8231-2TE00	23160.-	3KA8231-5TE00	28190.-	3KA8231-4TE00	42695.-	1
200A	3KA8311-2UE00	29440.-	3KA8311-5UE00	36400.-	3KA8311-4UE00	49555.-	1
250A	3KA8321-2UE00	32220.-	3KA8321-5UE00	38435.-	3KA8321-4UE00	60870.-	1
400A	3KA8341-2UE00	44695.-	3KA8341-5UE00	56830.-	3KA8341-4UE00	82970.-	1
630A$	3KA842□-2UE00	71695.-	3KA842□-5UE00	90215.-	3KA842□-4UE00	118750.-	1
800A$	3KA843□-2UE00	74815.-	3KA843□-5UE00	93100.-	3KA843□-4UE00	136285.-	1
1000A$	3KA844□-2UE00	100110.-	3KA844□-5UE00	133735.-	3KA844□-4UE00	167940.-	1
1250A$	3KA845□-2UE00	131630.-	3KA845□-5UE00	173485.-	3KA845□-4UE00	201880.-	1
1600A$	3KA846□-2UE00	151800.-	3KA846□-5UE00	192000.-	3KA846□-4UE00	271900.-	1

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

@ In 3P housing
$ Utilization category AC21A @690V AC (1600A: @500V AC)

Notes:
2P = 2-pole; 3P = 3-pole; 3PN = 3-pole with neutral link; 4P = 4-pole
3KA8: Unit MRPs are inclusive of Front drive (Handle)
Please scan the QR code for Catalog and Operating instruction sheets (OIS)
Refer the OIS for changes in dimension

Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)
Fuse cover [2]	2P	DIN	3KX8150-0AE [5]	690.-	3KX8230-0JF	1690.-	3KX8340-0AF	2485.-	3KX8430-0JF	3520.-	1
		BS			3KX8230-0HF	1690.-			3KX8430-0HF	3520.-	1
	3P	DIN			3KX8230-0JE	1690.-	3KX8340-0AE	2485.-	3KX8430-0JE	3520.-	1
		BS			3KX8230-0HE	1690.-			3KX8430-0HE	3520.-	1
	4P	DIN	3KX8150-0AG [5]	1180.-	3KX8230-0JG	1690.-	3KX8340-0AG	2485.-	3KX8430-0JG	3520.-	1
		BS			3KX8230-0HG	1690.-			3KX8430-0HG	3520.-	1
Terminal cover (1set = 2pieces)	2P	–	3KX8151-0AE	355.-	3KX8231-0AF	1440.-	3KX8341-0AF	2705.-	3KX8431-0AF	3175.-	1
	3P	–			3KX8231-0AE	1440.-	3KX8341-0AE	2705.-	3KX8431-0AE	3175.-	1
	4P	–	3KX8151-0AG	1255.-	3KX8231-0AG	1440.-	3KX8341-0AG	2705.-	3KX8431-0AG	3175.-	1
Phase barrier	–	DIN/ BS/ Cylindrical	3KX8153-0AE	140.-	3KX8153-0AE (DIN)	140.-	3KX8343-0AE	430.-	3KX8433-0AE	655.-	1
					3KX8233-0JE (BS)	140.-					1
Fuse cover phase barrier kit [3]			–	–	–	–	3KX8340-9AE	1390.-	3KX8440-9AE	1390.-	1
Auxiliary switch (1NO+1NC)			3SB5400-0A^#	425.-	3KX3522-1YC	2005.-	3KX3552-1YC	2410.-	3KX3582-1YC	2920.-	1
Auxiliary switch (2NO+2NC)			–	–	3KX3522-1YD	3610.-	3KX3552-1YD	5220.-	3KX3582-1YD	5630.-	1
Auxiliary switch cover			3KX8154-0AC	240.-	3KX8234-0AC	240.-	–	–	–	–	1
Front drive (Handle)			8UC6114-1BB00	2470.-	8UC6214-1BB00	2795.-	8UC6314-1BB00	4220.-	8UC6414-1BB00	6170.-	1
Operating shaft (300mm)			8UC6031	685.-	8UC60-32	830.-	8UC6034	1610.-	8UC6034	1610.-	1
Castell interlock[1)^]			8UC6070-0YQ..	12920.-	8UC6070-1YQ..	12920.-	8UC6070-2YQ..	13260.-	8UC6070-2YQ..	13260.-	1
Depth setting template			8UC6046-2	145.-	8UC6046-2	145.-	8UC6046-2	145.-	8UC6046-2	145.-	1
Fuse Monitor with auxiliary switch^ (1NO+1NC)			3RV1611-0BD10	22280.-	3RV1611-0BD10	22280.-	3RV1611-0BD10	22280.-	3RV1611-0BD10	22280.-	1
			3RV2901-1E	2935.-	3RV2901-1E	2935.-	3RV2901-1E	2935.-	3RV2901-1E	2935.-	1
Fuse safety barrier			3KX8150-1AC	365.-	3KX8230-1AC	475.-	–	–	–	–	1
Gland box with gland plate (1no.)			3KX8235-4DC	12335.-	3KX8235-4DC	12335.-	3KX8345-4DC	17020.-	3KX8435-4DC	25925.-	1
									3KX8435-4DG [4]	42430.-	1
Gland plate			3KX8235-4GC	2615.-	3KX8235-4GC	2615.-	3KX8345-4GC	3390.-	3KX8435-4GC	3770.-	1
									3KX8435-4GG [4]	3805.-	1

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

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

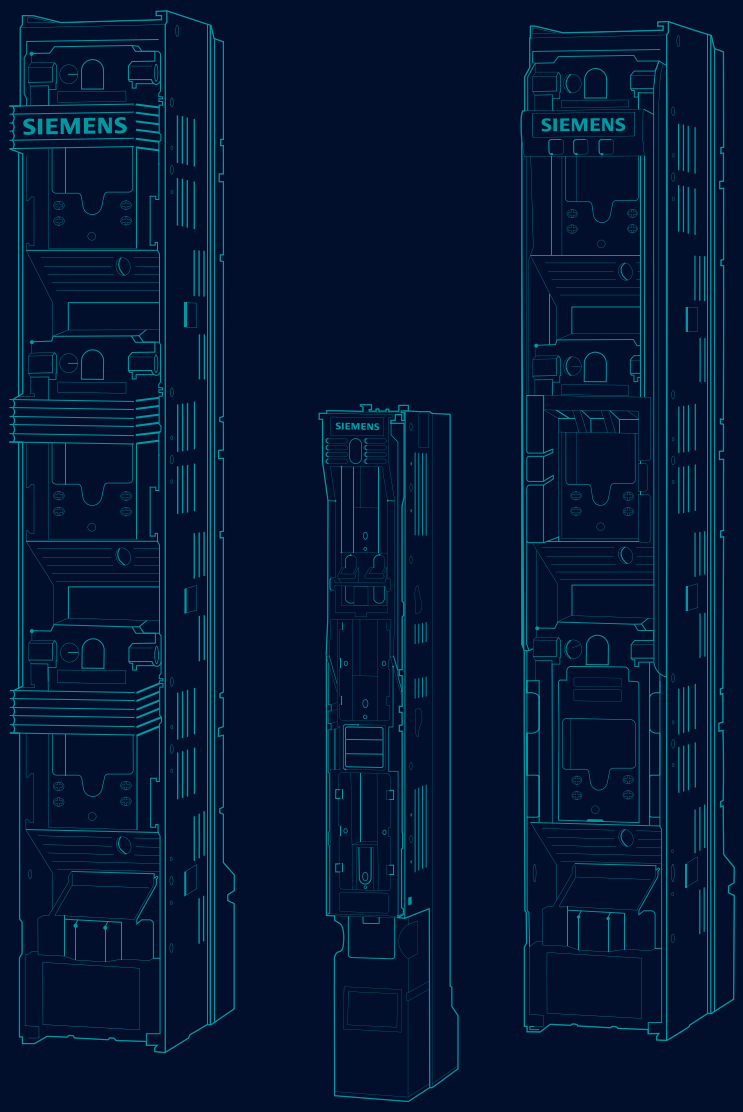
3) Mandatory accessory to be ordered with fuse cover for 200A - 800A SDF

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

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

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

Std. Pkg. = 1 unit * MRP - Maximum Retail Price ^ - List Price # - Std. pkg. = 10



3NJ4 Fuse Switch Disconnectors

Safe. Flexible. Efficient

Product Features:

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

Applications:

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

SIEMENS



SMART 7KT

Power Monitoring Devices

Expanding the reach of technology

SIEMENS

SMART 7KT

Power Monitoring Devices

SMART 7KT Discrete Panel Meter

Accurate and easy visualization for all the basic measurements

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



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

SMART 7KT Multi Function Meter

Broad range of uses in industry and infrastructure

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

Multi Function Meter

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



Basic Multi Function Meter

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



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

SMART 7KT Discrete DIN Meters

Power monitoring devices for DIN mounted systems

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



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

SMART 7KT DC Energy Meter

Power monitoring devices for DC applications

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



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

Accessories (external shunt for DC meter)

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

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price



3LD4
Control Switches

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

SIEMENS

3LD4 Control Switches



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

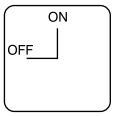
- Conforms to IEC 60947-3, IEC 60947-5
- Range 6A to 100A
- Suitable for AC21A, AC-15 Utilization category
- Suitable for ambient up to 50°C
- Double break contacts for reliable operation
- Terminals designed for easy and fast installation





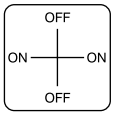
ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1AA00-0RC0	1 Pole	340.-	655.-	785.-	825.-	860.-	1050.-	1340.-	1570.-	8200.-	1
3LD4 ___ 2AA00-0RC0	2 Pole	440.-	735.-	885.-	985.-	1030.-	1220.-	1610.-	2010.-	10235.-	
3LD4 ___ 3AA00-0RC0	3 Pole	480.-	885.-	1040.-	1135.-	1340.-	1500.-	1880.-	2695.-	12600.-	
3LD4 ___ 4AA00-0RC0	4 Pole	590.-	955.-	1120.-	1350.-	1655.-	1775.-	2155.-	3245.-	14760.-	

90° Operation with complete rotation

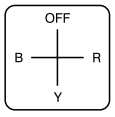


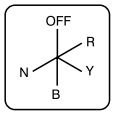
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1BC00-0RC0	1 Pole	335.-	655.-	785.-	825.-	830.-	1040.-	1335.-	1560.-	8200.-	1
3LD4 ___ 2BC00-0RC0	2 Pole	440.-	735.-	885.-	985.-	1030.-	1220.-	1610.-	2010.-	10235.-	
3LD4 ___ 3BC00-0RC0	3 Pole	480.-	885.-	1040.-	1135.-	1340.-	1500.-	1880.-	2695.-	12600.-	
3LD4 ___ 4BC00-0RC0	4 Pole	590.-	955.-	1120.-	1350.-	1655.-	1775.-	2155.-	3245.-	14760.-	

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 3LD4***001***3AA00-0RC0

Instrumentation Selector Switch

Ammeter Selector Switch (ASS)





Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RC0	720.-	1
	10A	3LD41024DC200RC0	865.-	
	16A	3LD41034DC200RC0	1100.-	
	20A	3LD41044DC200RC0	1225.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RC0	715.-	
	10A	3LD41024DD200RC0	860.-	
	16A	3LD41034DD200RC0	1085.-	
	20A	3LD41044DD200RC0	1370.-	

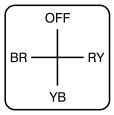




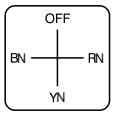
* LP - List Price

3LD4 Control Switches

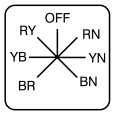
Voltmeter Selector Switch (VSS)



Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	535.-	1
	10A	3LD41024DC300RC0	785.-	
	16A	3LD41034DC300RC0	1005.-	
	20A	3LD41044DC300RC0	1135.-	



Phase voltages with OFF	6A	3LD40014DC310RC0	940.-	
	10A	3LD41024DC310RC0	1050.-	
	16A	3LD41034DC310RC0	1350.-	
	20A	3LD41044DC310RC0	1495.-	



Line & Phase voltages with OFF	6A	3LD40014DF300RC0	940.-	
	10A	3LD41024DF300RC0	1570.-	
	16A	3LD41034DF300RC0	1865.-	
	20A	3LD41044DF300RC0	2030.-	

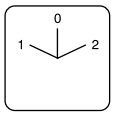




Changeover Switch

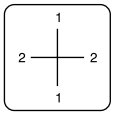


With OFF (60°)



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	440.-	805.-	985.-	1020.-	1040.-	1150.-	1560.-	2120.-	10590.-	1
3LD4 ___ 2BB10-0RC0	2P 2W	590.-	985.-	1120.-	1320.-	1405.-	1645.-	2135.-	3200.-	15490.-	
3LD4 ___ 3BB10-0RC0	3P 2W	720.-	1220.-	1495.-	1835.-	2130.-	2295.-	2695.-	4310.-	20040.-	
3LD4 ___ 4BB10-0RC0	4P 2W	885.-	1350.-	1715.-	2245.-	2825.-	2970.-	3300.-	5450.-	25555.-	

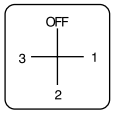
Without OFF (90°)



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	440.-	805.-	985.-	1005.-	1040.-	1150.-	1560.-	2120.-	10590.-	1
3LD4 ___ 2PC10-0RC0	2P 2W	590.-	985.-	1120.-	1320.-	1405.-	1645.-	2135.-	3200.-	15490.-	
3LD4 ___ 3PC10-0RC0	3P 2W	720.-	1220.-	1495.-	1835.-	2130.-	2295.-	2695.-	4310.-	20040.-	
3LD4 ___ 4PC10-0RC0	4P 2W	885.-	1350.-	1715.-	2245.-	2825.-	2970.-	3300.-	5450.-	25555.-	

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	535.-	715.-	830.-	985.-	1005.-	1245.-	1820.-	2040.-	8705.-	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 3LD4***102***3BB10-0RC0

* LP - List Price

3LD4 Control Switches

Breaker Control Switch

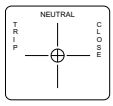


Breaker Control Switch also referred to as **TNC or Trip-Neutral-Close Switch** is used in the control circuit of Low & Medium Voltage panels for switching circuit breakers.

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



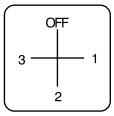
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-0RC0	2915.-	1
	32A	3LD4206-2BB50-0RC0	3445.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-0RC0	3515.-	
	32A	3LD4206-4BB50-0RC0	4100.-	

Multistep Switch



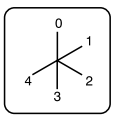


Multistep 3 Way with OFF



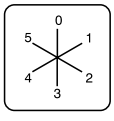
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1CC40-0RC0	1P 3W	535.-	885.-	1030.-	1050.-	1120.-	1250.-	1775.-	2010.-	10235.-	1
3LD4 ___ 2CC40-0RC0	2P 3W	720.-	1040.-	1250.-	1495.-	1705.-	1825.-	2640.-	2965.-	15945.-	
3LD4 ___ 3CC40-0RC0	3P 3W	1040.-	1380.-	2120.-	2260.-	2530.-	2745.-	3510.-	4580.-	20845.-	
3LD4 ___ 4CC40-0RC0	4P 3W	1335.-	1790.-	2565.-	2805.-	3145.-	3460.-	4710.-	5485.-	26325.-	

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	605.-	790.-	1495.-	1625.-	1790.-	1990.-	2250.-	3060.-	9055.-	1
3LD4 ___ 2DD40-0RC0	2P 4W	1040.-	1500.-	1765.-	1815.-	1885.-	2185.-	2825.-	3570.-	13980.-	
3LD4 ___ 3DD40-0RC0	3P 4W	1450.-	2020.-	2800.-	2945.-	3145.-	3610.-	4825.-	5485.-	38520.-	

Multistep 5 Way with OFF

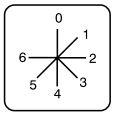


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1EE40-0RC0	1P 5W	680.-	1270.-	1715.-	1935.-	2240.-	2260.-	2800.-	3275.-	9630.-	1
3LD4 ___ 2EE40-0RC0	2P 5W	1220.-	1970.-	2285.-	2640.-	3045.-	3570.-	3680.-	4600.-	13975.-	

* LP - List Price

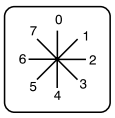
Multistep Switch

Multistep 6 Way with OFF



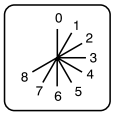
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1FF40-0RC0	1P 6W	880.-	1430.-	1655.-	1820.-	1990.-	2320.-	2380.-	3855.-	1
3LD4 ___ 2FF40-0RC0	2P 6W	1450.-	2135.-	2400.-	2710.-	3060.-	3700.-	4730.-	6195.-	

Multistep 7 Way with OFF



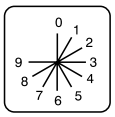
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1GG40-0RC0	1P 7W	885.-	1465.-	1815.-	1985.-	2260.-	2370.-	2470.-	3835.-	1

Multistep 8 Way with OFF



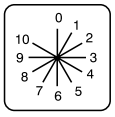
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1HH40-0RC0	1P 8W	1010.-	1245.-	1775.-	2065.-	1

Multistep 9 Way with OFF



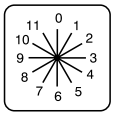
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1JJ40-0RC0	1P 9W	1040.-	1515.-	1835.-	2185.-	1

Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1KK40-0RC0	1P 10W	1220.-	1605.-	2470.-	3315.-	1

Multistep 11 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1LL40-0RC0	1P 11W	1450.-	1740.-	2710.-	3570.-	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 3LD4***001***3DD40-0RC0

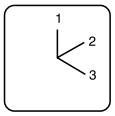
* LP - List Price

Multistep Switch



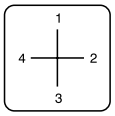


Multistep 3 Way without OFF



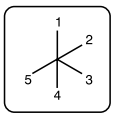
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1QB40-0RC0	1P 3W	495.-	860.-	1040.-	1050.-	1320.-	1355.-	2105.-	2370.-	8905.-	1
3LD4 ___ 2QB40-0RC0	2P 3W	720.-	1295.-	1465.-	1610.-	1735.-	1775.-	2640.-	3120.-	15945.-	
3LD4 ___ 3QB40-0RC0	3P 3W	1040.-	1610.-	2185.-	2340.-	2530.-	2745.-	3855.-	4580.-	17120.-	
3LD4 ___ 4QB40-0RC0	4P 3W	1335.-	1790.-	2535.-	2875.-	3195.-	3400.-	7490.-	8270.-	18355.-	

Multistep 4 Way without OFF



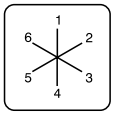
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1RC40-0RC0	1P 4W	565.-	940.-	1270.-	1370.-	1575.-	1655.-	2285.-	3185.-	10850.-	1
3LD4 ___ 2RC40-0RC0	2P 4W	805.-	1340.-	1495.-	1715.-	1865.-	2040.-	2745.-	3570.-	16760.-	
3LD4 ___ 3RC40-0RC0	3P 4W	1100.-	1320.-	2370.-	2625.-	2970.-	3300.-	3585.-	4790.-	22095.-	

Multistep 5 Way without OFF



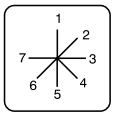
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1SD40-0RC0	1P 5W	680.-	980.-	1355.-	1560.-	1775.-	2185.-	2800.-	3580.-	9580.-	1
3LD4 ___ 2SD40-0RC0	2P 5W	1220.-	1655.-	1865.-	2400.-	2805.-	3025.-	3885.-	4925.-	13785.-	

Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	100A *(309)*	
3LD4 ___ 1TE40-0RC0	1P 6W	715.-	880.-	1705.-	1820.-	1990.-	2260.-	2645.-	3350.-	15945.-	1
3LD4 ___ 2TE40-0RC0	2P 6W	1380.-	1680.-	2295.-	2875.-	3520.-	3620.-	3680.-	4695.-	31805.-	

Multistep 7 Way without OFF

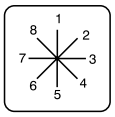


Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	25A *(205)*	32A *(206)*	40A *(207)*	63A *(208)*	
3LD4 ___ 1UF40-0RC0	1P 7W	880.-	1120.-	1295.-	1790.-	2360.-	2365.-	2825.-	4210.-	1

* LP - List Price

Multistep Switch

Multistep 8 Way without OFF



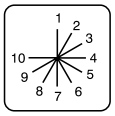
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1VG40-0RC0	1P 8W	885.-	1750.-	1930.-	2065.-	1

Multistep 9 Way without OFF



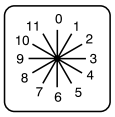
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1WH40-0RC0	1P 9W	1040.-	1815.-	3065.-	3810.-	1

Multistep 10 Way without OFF



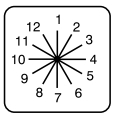
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1XJ40-0RC0	1P 10W	1120.-	1850.-	3400.-	4580.-	1

Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1YK40-0RC0	1P 11W	1160.-	1885.-	3665.-	4835.-	1

Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A *(001)*	10A *(102)*	16A *(103)*	20A *(104)*	
3LD4 ___ 1ZL40-0RC0	1P 12W	1270.-	1930.-	3810.-	4890.-	1

Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB
e.g. for 6A 1 Pole Multistep 4 Way without OFF the complete type no will be 3LD4-***001***1RC40-0RC0

* 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.

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SIEMENS

HRC fuses (DIN) 3NA

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



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

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	945.-	1/6
	4	3NA78040RC	945.-	1/6
	6	3NA78010RC	945.-	1/6
	10	3NA78030RC	945.-	1/6
	16	3NA78050RC	955.-	1/6
	20	3NA78070RC	955.-	1/6
	25	3NA78100RC	955.-	1/6
	32	3NA78120RC	955.-	1/6
	40	3NA78170RC	995.-	1/6
	50	3NA78200RC	995.-	1/6
	63	3NA78220RC	1110.-	1/6
	80	3NA78240RC	1225.-	1/6
	100	3NA78300RC	1225.-	1/6
00	125	3NA78320RC	1460.-	1/6
	160	3NA78360RC	1545.-	1/6
1	50	3NA71200RC	2110.-	1/3
	63	3NA71220RC	2110.-	1/3
	80	3NA71240RC	2110.-	1/3
	100	3NA71300RC	2110.-	1/3
	125	3NA71320RC	2210.-	1/3
	160	3NA71360RC	2265.-	1/3
	200	3NA71400RC	2265.-	1/3
	224	3NA71420RC	2370.-	1/3
	250	3NA71440RC	2555.-	1/3
2	200	3NA72400RC	3135.-	1/3
	250	3NA72440RC	3260.-	1/3
	315	3NA72520RC	3380.-	1/3
	400*	3NA72600RC	3380.-	1/3
3	315	3NA33520RC	4805.-	1/3
	400	3NA33600RC	4805.-	1/3
	500	3NA33650RC	5370.-	1/3
	630	3NA33720RC	5505.-	1/3
	800*	3NA33754RC	6700.-	1/3

* 800A is rated at 415V AC

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	1070.-	1
1	250	■ 3NG1250	1620.-	1
2	400	■ 3NG1300	2630.-	1
3	630	■ 3NG1400	2725.-	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)	1325.-	1/10
00/000	160	3NA7 8	■ 3NH3032-0RC (Plug in)	1420.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	2655.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	3760.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	5420.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	6425.-	1/5



Fuse puller

Description	Type	Unit MRP@ ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	6385.-	1
Suitable only for fuse links and isolating links	3NX1010	2660.-	1



■ **Stock items**

* LP - List Price

@ MRP - Max. Retail Price



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	355.-	20
4	■ 3NWNS4	355.-	20
6	■ 3NWNS6	355.-	20
10	■ 3NWNS10	355.-	20
16	■ 3NWNS16	355.-	20
20	■ 3NWNS20	420.-	20
25	■ 3NWNS25	420.-	20
32	3NWNS32	420.-	20

Offset tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	505.-	20
4	3NWTIA4	505.-	20
6	3NWTIA6	505.-	20
10	■ 3NWTIA10	570.-	20
16	■ 3NWTIA16	570.-	20
20	■ 3NWTIA20	570.-	20
25	■ 3NWTIA25	570.-	20
32	■ 3NWTIA32	570.-	20
40	3NWTIS40	775.-	20
50	■ 3NWTIS50	775.-	20
63	■ 3NWTIS63	775.-	20
80	3NWTCP80	1995.-	10
100	■ 3NWTCP100	1995.-	10
125	3NWTFP125	4040.-	5
160	3NWTFP160	4040.-	5
200	3NWTFP200	4040.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTC80	2150.-	10
100	3NWTC100	2150.-	10
125	3NWTF125	4430.-	5
160	3NWTF160	4430.-	5
200	3NWTF200	4430.-	5
250	3NWTKF250	6120.-	1
315	3NWTKF315	6120.-	1
355	3NWTMF355	7125.-	1
400	3NWTMF400	7125.-	1
500	3NWTTM500	11195.-	1
630	3NWTTM630	13635.-	1
710	3NWTLM710	15575.-	1
800	3NWTLM800	15575.-	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	420.-	20
10	3NWTSA10	420.-	20
16	3NWTSA16	420.-	20
20	3NWTSA20	420.-	20
25	3NWTSA25	420.-	20
32	3NWTSA32	420.-	20
36	3NWTSS36	840.-	20
40	3NWTSS40	840.-	20
50	3NWTSS50	840.-	20
63	3NWTSS63	840.-	20
80	3NWTSDS80	1575.-	20
100	3NWTSDS100	1575.-	20
125	3NWTSFP125	1980.-	5
160	3NWTSFP160	2155.-	5
200	3NWTSFP200	1980.-	5

Central tag

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	1915.-	10
100	3NWTSDC100	1915.-	10
125	3NWTSF125	1995.-	5
160	3NWTSF160	1995.-	5
200	3NWTSF200	1995.-	5
250	3NWTSK250	4790.-	1
315	3NWTSK315	4790.-	1
355	3NWTSMS355	8000.-	1
400	3NWTSMS400	8000.-	1
450	3NWTSTS450	6635.-	1
500	3NWTSTS500	6635.-	1
560	3NWTSLS560	12660.-	1
630	3NWTSLS630	10740.-	1
800	3NWTSLS800	15510.-	1

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWCM32F9	8255.-	10
63	3NWCM63F9	9690.-	10
100	3NWCM100F9	10695.-	10

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

Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	605.-	10
32	■ 3NW32NNSF	760.-	10
32A (Iso. Link)	■ 3NW32NNSL	335.-	10

Please order in multiples of standard packing.

THE POWER OF **SIMPLICITY**

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

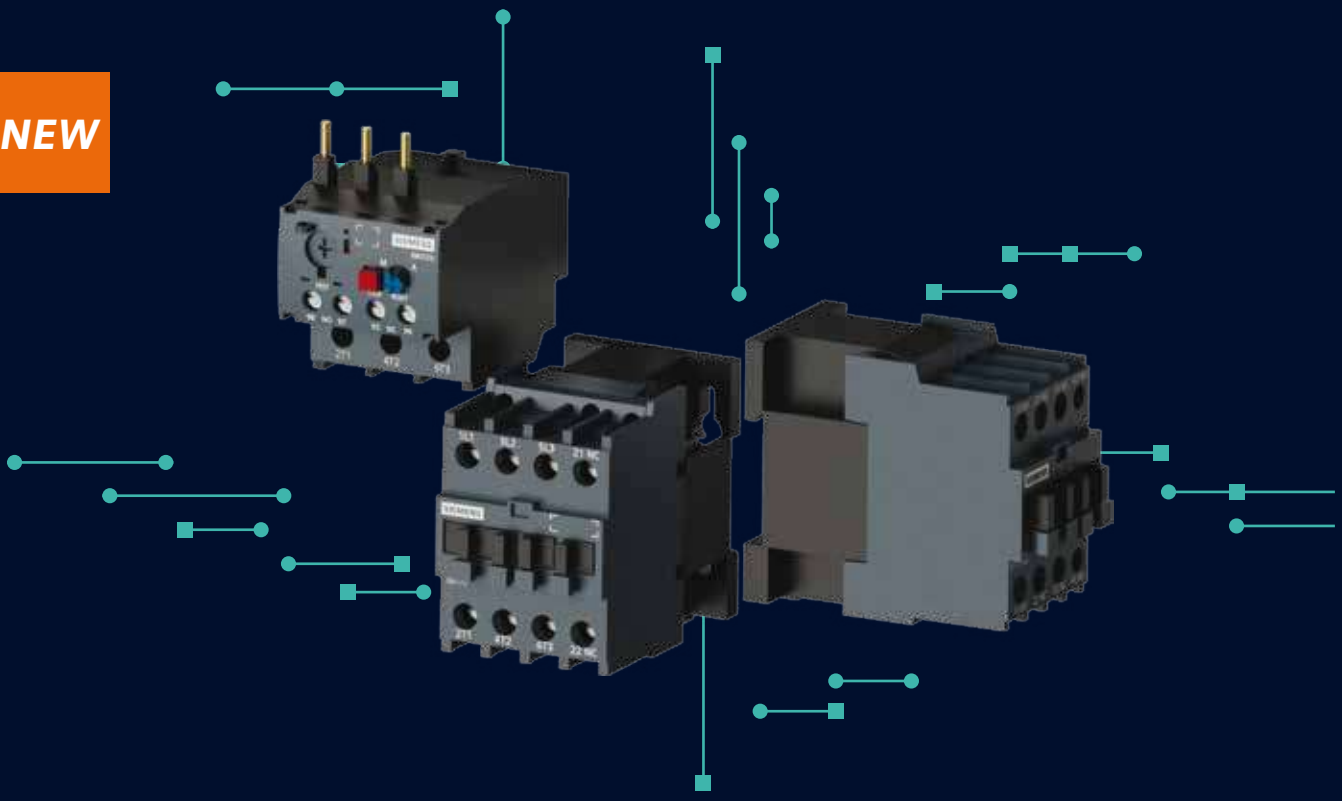
Adaptable
Our contactors and overload relays are designed to easily fit into various panel designs, catering to your control and protection requirements

Trustworthy
Our contactors and overload relays ensure reliable motor protection

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

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

NEW



SIEMENS



Power Contactors

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type$	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	■ 3MT7006-0AA10-0A..	2930.-	1
			1 NC	■ 3MT7006-0AA01-0A..	2930.-	1
	9	4	1 NO	■ 3MT7010-0AA10-0A..	3025.-	1
			1 NC	■ 3MT7010-0AA01-0A..	3025.-	1
	12	5.5	1 NO	■ 3MT7012-0AA10-0A..	3330.-	1
			1 NC	■ 3MT7012-0AA01-0A..	3330.-	1
1	18	7.5	1 NO	■ 3MT7018-1AA10-0A..	3720.-	1
			1 NC	■ 3MT7018-1AA01-0A..	3720.-	1
	22	11	1 NO	■ 3MT7022-1AA10-0A..	4550.-	1
			1 NC	■ 3MT7022-1AA01-0A..	4550.-	1
2	25	11	1 NO	■ 3MT7025-2AA10-0A..	5315.-	1
			1 NC	■ 3MT7025-2AA01-0A..	5315.-	1
	32	15	1 NO	■ 3MT7032-2AA10-0A..	11065.-	1
			1 NC	■ 3MT7032-2AA01-0A..	11065.-	1
	38	18.5	1 NO	■ 3MT7038-2AA10-0A..	15210.-	1
			1 NC	■ 3MT7038-2AA01-0A..	15210.-	1
	40	18.5	1 NO	■ 3MT7040-2AA10-0A..	15810.-	1
			1 NC	■ 3MT7040-2AA01-0A..	15810.-	1
3	40	18.5	1NO + 1NC	■ 3MT7040-3AA11-0A..	17585.-	1
	50	22	1NO + 1NC	■ 3MT7050-3AA11-0A..	22250.-	1
	65	30	1NO + 1NC	■ 3MT7065-3AA11-0A..	29010.-	1
4	80	37	1NO + 1NC	■ 3MT7080-4AA11-0A..	44725.-	1
	95	45	1NO + 1NC	■ 3MT7095-4AA11-0A..	45865.-	1
5	120	55	–	■ 3MT7120-5AA00-0A..**	53570.-	1
	140	75	–	■ 3MT7140-5AA00-0A..**	69060.-	1
6	170	90	–	■ 3MT7170-6AA00-0A..**	93065.-	1
	205	110	–	■ 3MT7205-6AA00-0A..**	105920.-	1
7	250	132	–	■ 3MT7250-7AA00-0A..**	127295.-	1
	300	160	–	■ 3MT7300-7AA00-0A..**	153575.-	1
8	400	200	–	■ 3MT7400-8AA00-0A..**	191750.-	1



Auxiliary Contactors

Operational current AC-15 at 230V	Auxiliary contacts		Type$	Unit LP ₹	Std. pkg. (nos.)
	NO	NC			
6	4	–	■ 3MH7040-1A..0	3140.-	1
6	3	1	■ 3MH7031-1A..0		1
6	2	2	■ 3MH7022-1A..0		1

$ Please enter coil codes from table below

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

Coil code (AC)

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

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

Please contact nearest sales office for other coil voltages

Accessories: 3MT7 and 3MH7 Contactors



Auxiliary Contact Blocks

Compatible with 3MT7 Power contactors and 3MH7 Auxiliary Contactors

For Contactor	Auxiliary Contact	Type	Unit LP ₹	Std. pkg. (nos.)
for snapping onto the front				
3MT7006 - 3MT7095 & 3MH7	1 NO	**3MH7910-0CT10**	**535.-**	**1**
	1 NC	**3MH7901-0CT10**	**535.-**	**1**
	2 NO	**3MH7920-0CT10**	**960.-**	**1**
	1 NO + 1 NC	**3MH7911-0CT10**	**960.-**	**1**
	2 NC	**3MH7902-0CT10**	**960.-**	**1**
	4 NO	**3MH7940-0CT10**	**1745.-**	**1**
	3 NO + 1 NC	**3MH7931-0CT10**	**1745.-**	**1**
	2 NO + 2 NC	**3MH7922-0CT10**	**1745.-**	**1**
	1 NO + 3 NC	**3MH7913-0CT10**	**1745.-**	**1**
	4 NC	**3MH7904-0CT10**	**1745.-**	**1**
First Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7006 - 3MT7095	2 NO	**3MH7920-0CL10**	**2035.-**	**1**
	1NO + 1NC	**3MH7911-0CL10**	**2035.-**	**1**
3MT7120 - 3MT7400	1NO + 1NC	**3MH79110CL21**	**2460.-**	**1**
Second Laterally mountable auxiliary Contact blocks on left and / or right				
3MT7120 - 3MT7400	1NO + 1NC	**3MH79110CL22**	**2460.-**	**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	**3MT7900-0PN10**	**7595.-**	**1**
		0.1-30	**3MT7900-0PN20**	**7595.-**	**1**
		10-180	**3MT7900-0PN30**	**7595.-**	**1**
	OFF delay	0.1-3	**3MT7900-0PF10**	**8030.-**	**1**
		0.1-30	**3MT7900-0PF20**	**8030.-**	**1**
		10-180	**3MT7900-0PF30**	**8030.-**	**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**	**1525.-**	**1**
110-240V	**3MT7900-1SL21**	**1525.-**	**1**
380-440V	**3MT7900-1SV21**	**1970.-**	**1**
Surge suppressor (Varistor) for 3MT7120 - 3MT7400			
Less than 48V	**3MT7900-2SC22**	**2105.-**	**10**
48 - 127V	**3MT7900-2SF22**	**2105.-**	**10**
127 - 240V	**3MT7900-2SL22**	**2105.-**	**10**
240 - 400V	**3MT7900-2SV02**	**2240.-**	**10**
400 - 600V	**3MT7900-2SR02**	**2240.-**	**10**

Interlock

For Contactor	Type	Unit LP ₹	Std. pkg. (nos.)
Mechanical Interlock			
3MT7006 - 3MT7040 (Size 0,1,2)	**3MT7900-1XM01**	**1705.-**	**1**
3MT7040 - 3MT7065 (Size 3)	**3MT7900-1XM02**	**3800.-**	**1**
3MT7080 - 3MT7095 (Size 4)	**3MT7900-1XM03**	**5135.-**	**1**
3MT7120 - 3MT7140 (Size 5)	**3MT7900-1XM04**	**10980.-**	**1**
3MT7170 - 3MT205 (Size 6)	**3MT7900-1XM05**	**12565.-**	**1**
3MT7250 - 3MT7300 (Size 7)	**3MT7900-1XM06**	**15120.-**	**1**
3MT7400 (Size 8)	**3MT7900-1XM07**	**16160.-**	**1**
3MT7120 - 3MT7205 (Size 5 / Size 6)	**3MT7900-1XM45**	**12565.-**	**1**
3MT7170 - 3MT300 (Size 6 / Size 7)	**3MT7900-1XM56**	**15120.-**	**1**
Electro-mechanical Interlock			
3MT7006 - 3MT7040 (Size 0, 1, 2)	**3MT7900-1XE01**	**1860.-**	**1**
3MT7040 - 3MT7065 (Size 3)	**3MT7900-1XE02**	**4015.-**	**1**
3MT7080 - 3MT7095 (Size 4)	**3MT7900-1XE03**	**5455.-**	**1**

Spares: 3MT7 Contactors

Spare top housing

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
0	6	2.2	1 NO	3MT7906-0HA10	2960.-	1
			1 NC	3MT7906-0HA01	2960.-	1
	9	4	1 NO	3MT7910-0HA10	3060.-	1
			1 NC	3MT7910-0HA01	3060.-	1
	12	5.5	1 NO	3MT7912-0HA10	3275.-	1
			1 NC	3MT7912-0HA01	3275.-	1
1	18	7.5	1 NO	3MT7918-1HA10	3500.-	1
			1 NC	3MT7918-1HA01	3500.-	1
	22	11	1 NO	3MT7922-1HA10	3740.-	1
			1 NC	3MT7922-1HA01	3740.-	1
2	25	11	1 NO	3MT7925-2HA10	4265.-	1
			1 NC	3MT7925-2HA01	4265.-	1
	32	15	1 NO	3MT7932-2HA10	8300.-	1
			1 NC	3MT7932-2HA01	8300.-	1
	38	18.5	1 NO	3MT7938-2HA10	12005.-	1
			1 NC	3MT7938-2HA01	12005.-	1
	40	18.5	1 NO	3MT7940-2HA10	13100.-	1
			1 NC	3MT7940-2HA01	13100.-	1
3	40	18.5	1NO + 1NC	3MT7940-3HA11	14185.-	1
	50	22	1NO + 1NC	3MT7950-3HA11	15620.-	1
	65	30	1NO + 1NC	3MT7965-3HA11	17160.-	1
4	80	37	1NO + 1NC	3MT7980-4HA11	24450.-	1
	95	45	1NO + 1NC	3MT7995-4HA11	28610.-	1

Spare contact kit

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

Size	AC-3 operational current Ie upto 400V A	Motor rating at 400V, 50Hz KW	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
5	120	55	–	3MT7912-0KA00	29015.-	1
	140	75	–	3MT7914-0KA00	36505.-	1
6	170	90	–	3MT7917-0KA00	45870.-	1
	205	110	–	3MT7920-5KA00	48930.-	1
7	250	132	–	3MT7925-0KA00	58865.-	1
	300	160	–	3MT7930-0KA00	69210.-	1
8	400	200	–	3MT7940-0KA00	91585.-	1

Spare Coil

For Contactor (AC3 Rating)	Type$	Unit LP ₹	Std. pkg. (nos.)
3MT7006 - 3MT7022	3MT79000L..1	1920.-	1
3MT7025 - 3MT7040	3MT79000L..2	3330.-	1
3MT7040 - 3MT7095	3MT79000L..3	5360.-	1
3MT7120 - 3MT7140	3MT79000L..5	8315.-	1
3MT7170 - 3MT7205	3MT79000L..6	10550.-	1
3MT7250 - 3MT7300	3MT79000L..7	12745.-	1
3MT7400	3MT79000L..8	18510.-	1

Coil code (AC)

$ Please enter coil codes from table below

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

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

Please contact nearest sales office for other coil voltages

3MU7 – Thermal overload relays

NEW



For contactor mounting - Class 10 - Screw Terminals

Size	For Contactor	Current Range	Type	Unit LP ₹	Std. pkg. (nos.)
1	3MT7006 - 3MT7040 Size 0, 1, 2	0.10 - 0.16	■ 3MU7110-0AA0	4955.-	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	5075.-	1
		9 - 13	■ 3MU7110-0NA0		1
	3MT7018 - 3MT7040 Size 1, 2	12 - 18	■ 3MU7110-0PA0	5150.-	1
		17 - 25	■ 3MU7110-0QA0	5705.-	1
2	3MT7025 - 3MT7040 Size 2	23 - 32	■ 3MU7210-1AA0	8725.-	1
		28 - 36	■ 3MU7210-1BA0	8990.-	1
3	3MT7040 - 3MT7095 Size 3, 4	23 - 32	■ 3MU7310-2AA0		1
		30 - 40	■ 3MU7310-2BA0	9395.-	1
		37 - 50	■ 3MU7310-2CA0	11490.-	1
		48 - 65	■ 3MU7310-2DA0	15115.-	1
	3MT7080 - 3MT7095 Size 4	55 - 70	■ 3MU7310-2EA0		1
		63 - 80	■ 3MU7310-2FA0		1
		80 - 93	■ 3MU7310-2GA0		1

For independent mounting - Class 10 A - Screw Terminals

Size	Current Range	Type	Unit LP ₹	Std. pkg. (nos.)
4	85 - 135A	■ 3MU7410-3AA1	21605.-	1
	115 - 180A	■ 3MU7410-3BA1	27240.-	1
	160 - 250A	■ 3MU7410-3CA1	33000.-	1
	200 - 320A	■ 3MU7410-3DA1	33350.-	1
	250 - 400A	■ 3MU7410-3EA1	37290.-	1
5	312 - 500A	■ 3MU7510-4AA1	43190.-	1

Accessories		Size	Type	Unit LP ₹	Std. pkg. (nos.)
Relay stand-alone installation kit		Size 1	■ 3MU7900-0MA10	1280.-	1
		Size 2	■ 3MU7900-0MA20	1620.-	1
		Size 3	■ 3MU7900-0MA30	3385.-	1
Relay setting dial sealing cover		Size 1, 2, 3	■ 3MU7900-0CA00	485.-	1

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



SINOPLUS 3MT7

Capacitor Duty Contactors

Reliable Switching

SIEMENS

3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

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

Reliable

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

Safe

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



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	4865.-	1NC	3MT70002JA016A..	4865.-	1
NEW 5kvar	1NO	3MT70005JA106A..	5390.-	1NC	3MT70005JA016A..	5390.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	6180.-	2NC	3MT70007JA026A..	6180.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	7385.-	2NC	3MT70010JA026A..	7385.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	7550.-	2NC	3MT70012JA026A..	7550.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	9995.-	2NC	3MT70016JA026A..	9995.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	11580.-	2NC	3MT70020JA026A..	11580.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	13275.-	2NC	3MT70025JA026A..	13275.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	20120.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	32475.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	36500.-				1
60kvar	1NO+2NC	3MT70060JA126A..	40405.-				1
80kvar	1NO+2NC	3MT70080JA126A..	49600.-				1
100kvar	1NO+2NC	3MT70100JA126A..	51550.-				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

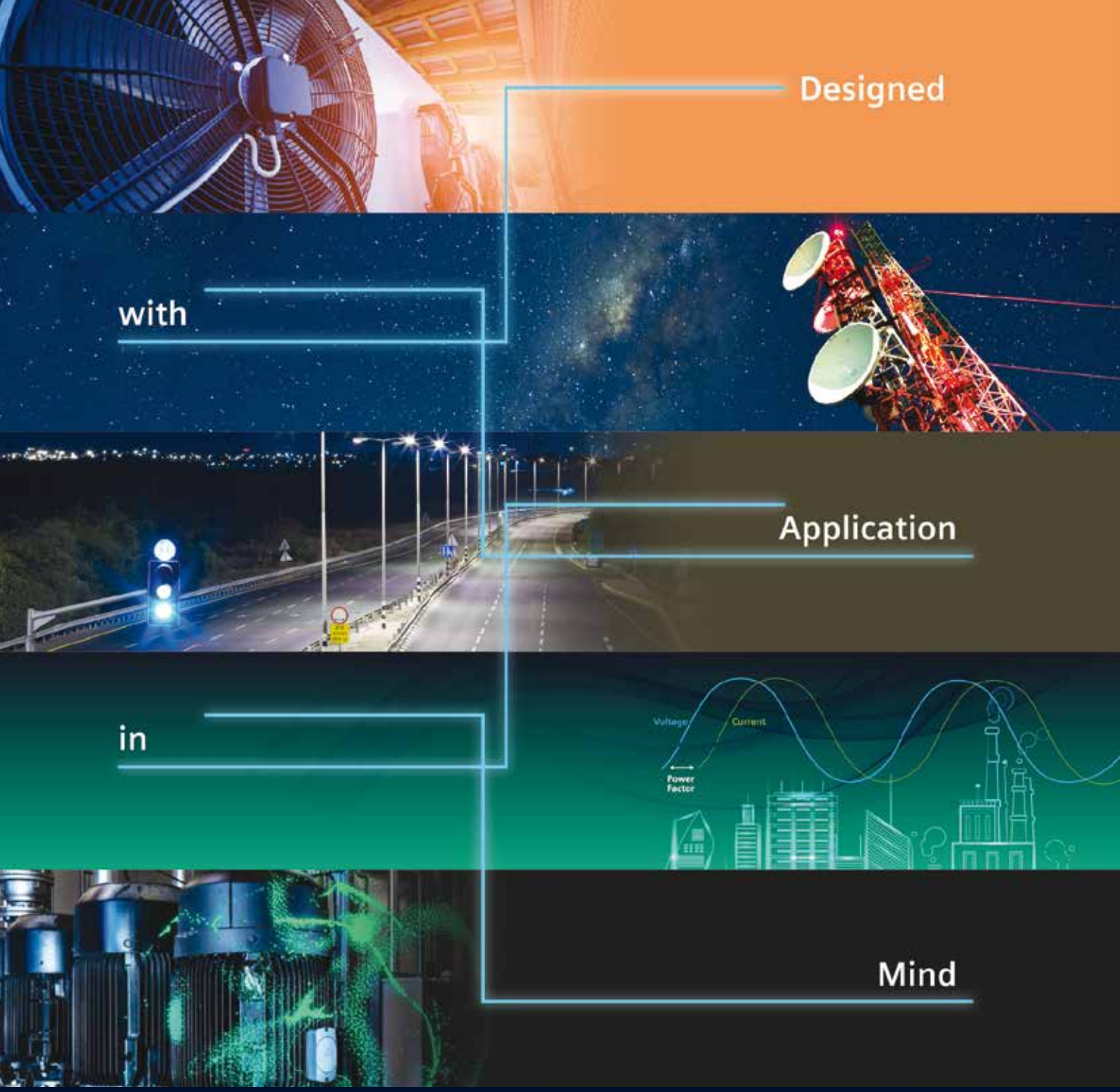
Coil for Contactors 80 and 100 kvar

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	1460.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1715.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	4430.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4830.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	1085.-	10
2NC	3MT70200CL09M1A	1085.-	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.)
9 A	1 NO	110 V	3TS30 10-0AF0-08K	3270.-	1
	1 NO	230 V	3TS30 10-0AP0-08K		1
	1 NO	415 V	3TS30 10-0AR0-08K		1
	1 NC	110 V	3TS30 01-0AF0-08K		1
	1 NC	230 V	3TS30 01-0AP0-08K		1
	1 NC	415 V	3TS30 01-0AR0-08K		1
12 A	1 NO	110 V	3TS31 10-0AF0-08K	3605.-	1
	1 NO	230 V	3TS31 10-0AP0-08K		1
	1 NO	415 V	3TS31 10-0AR0-08K		1
	1 NC	110 V	3TS31 01-0AF0-08K		1
	1 NC	230 V	3TS31 01-0AP0-08K		1
	1 NC	415 V	3TS31 01-0AR0-08K		1
18 A	1 NO	110 V	3TS32 10-0AF0-08K	4045.-	1
	1 NO	230 V	3TS32 10-0AP0-08K		1
	1 NO	415 V	3TS32 10-0AR0-08K		1
	1 NC	110 V	3TS32 01-0AF0-08K		1
	1 NC	230 V	3TS32 01-0AP0-08K		1
	1 NC	415 V	3TS32 01-0AR0-08K		1
25 A	–	110 V	3TS33 00-0AF0-08K	5185.-	1
	–	230 V	3TS33 00-0AP0-08K		1
	–	415 V	3TS33 00-0AR0-08K		1
32 A	–	110 V	3TS34 00-0AF0-08K	11430.-	1
	–	230 V	3TS34 00-0AP0-08K		1
	–	415 V	3TS34 00-0AR0-08K		1
40 A	–	110 V	3TS35 00-0AF0-08K	16580.-	1
	–	230 V	3TS35 00-0AP0-08K		1
	–	415 V	3TS35 00-0AR0-08K		1
50 A	–	110 V	3TS36 00-0AF0-08K	22985.-	1
	–	230 V	3TS36 00-0AP0-08K		1
	–	415 V	3TS36 00-0AR0-08K		1
65 A	2NO+2NC	110 V	3TS47 22-0AF0-08K	32635.-	1
	2NO+2NC	230 V	3TS47 22-0AP0-08K		1
	2NO+2NC	415 V	3TS47 22-0AR0-08K		1
75 A	2NO+2NC	110 V	3TS48 22-0AF0-08K	42480.-	1
	2NO+2NC	230 V	3TS48 22-0AP0-08K		1
	2NO+2NC	415 V	3TS48 22-0AR0-08K		1
85 A	2NO+2NC	110 V	3TS49 22-0AF0-08K	49700.-	1
	2NO+2NC	230 V	3TS49 22-0AP0-08K		1
	2NO+2NC	415 V	3TS49 22-0AR0-08K		1
105 A	2NO+2NC	110 V	3TS50 22-0AF0-08K	60030.-	1
	2NO+2NC	230 V	3TS50 22-0AP0-08K		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	600.-	10
	1NC	■ 3TX4 001-2A	600.-	10
	1NO (Extd)	■ 3TX4 010-4A	930.-	10
	1NC (Extd)	■ 3TX4 001-4A	930.-	10
3TS47 to 50	Second 1NO+1NC Left	■ 3TY7 561-1KA00 8K	2525.-	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	3780.-	1
3TS34		3TS91 34-00 8K	5215.-	1
3TS35		3TS91 35-00 8K	9990.-	1
3TS36		3TS91 36-00 8K	13720.-	1
3TS47		3TS91 47-00 8K	14685.-	1
3TS48		3TS91 48-00 8K	21445.-	1
3TS49		3TS91 49-00 8K	28725.-	1
3TS50		3TS91 50-00 8K	38415.-	1

For higher ratings please get in touch with your sales office

Coil voltage AC	Coil voltage DC	Type	Unit LP ₹	Std. pkg. (nos.)
Surge suppressor (varistor) for 3TS30-36				
24 - 48 V	24 - 70 V	■ 3TX7 402-3GY1	1715.-	10
48 - 127V	70 - 150V	■ 3TX7 402-3HY1	1715.-	10
127 - 240V	150 - 250V	■ 3TX7 402-3JY1	1715.-	10
240 - 400V	—	3TX7 402-3KY1	2210.-	10
400 - 600V	—	3TX7 402-3LY1	2210.-	10
Surge suppressor (varistor) for 3TS47-50				
Less than 48V	24 - 70V	■ 3TX7 462-3GY1	2360.-	10
48 - 127V	70 - 150V	■ 3TX7 462-3HY1	2360.-	10
127 - 240V	150 - 250V	■ 3TX7 462-3JY1	2360.-	10
240 - 400V	—	3TX7 462-3KY1	2495.-	10
400 - 600V	—	3TX7 462-3LY1	2495.-	10
Surge suppressor (RC unit) for 3TS30-36				
24 - 48 V	24 - 70 V	3TX7 402-3RY2	2735.-	10
48 - 127V	70 - 150V	3TX7 402-3SY2		10
127 - 240V	150 - 250V	3TX7 402-3TY2		10
240 - 400V	—	3TX7 402-3UY2		10
400 - 600V	—	3TX7 402-3VY2		10

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

Contactor type	Type	Unit LP ₹	Std. pkg. (kits)
3TS30 - 3TS36	■ 3TX4 091-1A#	1895.-	10
3TS47 - 3TS48	■ 3TX7 466-1YA0	6715.-	2
3TS49 - 3TS50	■ 3TX7 486-1YA0	10945.-	2

W/o base plate (not required)

AC coils (50 Hz) spare coils

For contactor	Type†	Unit LP ₹ For 110/230/415V 50Hz	Std.pkg. (nos.)
3TS30 - 3TS34	■ 3TY7 403-0A..	2160.-	1
3TS35 - 3TS36	■ 3TY7 443-0A..	2660.-	1
3TS47 - 3TS48	■ 3TY7 463-0A..	4615.-	1
3TS49 - 3TS50	■ 3TY7 483-0A..	8420.-	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	3180.-	1
3TS48		3TS93 48-00 8K	3880.-	1
3TS49		3TS93 49-00 8K	5605.-	1
3TS50		3TS93 50-00 8K	6535.-	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	5390.-	1
		1.0 - 1.6	3US50 00-1A8K	5390.-	1
		1.6 - 2.5	3US50 00-1C8K	5390.-	1
		2.5 - 4.0	3US50 00-1E8K	5390.-	1
		4.0 - 6.3	3US50 00-1G8K	5405.-	1
		6.3 - 10	3US50 00-1J8K	5520.-	1
		8 - 12.5	3US50 00-1K8K	5520.-	1
		10 - 16	3US50 00-2S8K	5580.-	1
		12.5 - 18	3US50 00-2B8K	5580.-	1
3US52 00	3TS33 3TS34	12.5 - 20	3US52 00-2B8K	6205.-	1
		16 - 25	3US52 00-2C8K	6205.-	1
3US55 00		25 - 32	3US55 00-2D8K	9470.-	1
3US56 00	3TS35 3TS36	20 - 32	3US56 00-2D8K	9750.-	1
		25 - 36	3US56 00-2Q8K	9750.-	1
		32 - 40	3US56 00-2R8K	10200.-	1
		36 - 45	3US56 00-8M8K	10200.-	1
3US58 00	3TS47 3TS48 3TS49 3TS50	40 - 57	3US58 00-2T8K	13110.-	1
		50 - 63	3US58 00-2P8K	16400.-	1
		57 - 70	3US58 00-2V8K	16400.-	1
		63 - 80	3US58 00-2U8K	16400.-	1
		70 - 95	3US58 00-8Y8K	16400.-	1
		85 - 105	3US58 00-5C8K	17405.-	1

Individual mounting accessory

For relay type	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3US50 00	Accessory for individual mounting	3US91 50-008K	1385.-	1
3US52 00		3US91 52-008K	1445.-	1
3US55 00		3US91 55-008K	1740.-	1
3US56 00		3US91 56-008K	1740.-	1
3US58 00		3US91 58-008K	1835.-	1

Accessories for birelays

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Resetting plunger funnel	3US5	3UX10 11 3UX10 13	630.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3US5	 3UX10 15 3UX10 16	870.-	 5 5
Protection cover	3US5	3UX11 10 1YA 3UX11 11 1YA	740.-	10 10

For higher ratings please get in touch with your sales office

■ **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	26450.-	1
4	145	3TS5022-0A..1-8K	46075.-	1
6	200	3TS5122-0A..1-8K	62040.-	1
6	225	3TS5222-0A..1-8K	71965.-	1
8	275	3TS5322-0A..1-8K	102245.-	1
8	325	3TS5422-0A..1-8K	115590.-	1
10	400	3TS5522-0A..1-8K	130770.-	1
12	525	3TS5622-0A..1-8K	179030.-	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	2340.-	1
12	1NO	3TS3110-0A..2-8K	2605.-	1
18	1NO	3TS3210-0A..2-8K	3020.-	1
25	-	3TS3300-0A..2-8K	3740.-	1
32	-	3TS3400-0A..2-8K	8220.-	1
40	-	3TS3500-0A..2-8K	11735.-	1
50	-	3TS3600-0A..2-8K	14930.-	1
65	2NO+2NC	3TS4722-0A..2-8K	22430.-	1
75	2NO+2NC	3TS4822-0A..2-8K	26450.-	1
85	2NO+2NC	3TS4922-0A..2-8K	30785.-	1
105	2NO+2NC	3TS5022-0A..2-8K	40550.-	1
140	2NO+2NC	3TS5122-0A..2-8K	49280.-	1
160	2NO+2NC	3TS5222-0A..2-8K	67015.-	1
205	2NO+2NC	3TS5322-0A..2-8K	73835.-	1
250	2NO+2NC	3TS5422-0A..2-8K	84780.-	1
300	2NO+2NC	3TS5522-0A..2-8K	106975.-	1
400	2NO+2NC	3TS5622-0A..2-8K	138360.-	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	19995.-	1
3TS50		3TS9150-01-8K	35665.-	1
3TS51		3TS9151-01-8K	48510.-	1
3TS52		3TS9152-01-8K	54240.-	1
3TS53		3TS9153-01-8K	77005.-	1
3TS54		3TS9154-01-8K	85585.-	1
3TS55		3TS9155-01-8K	94140.-	1
3TS56		3TS9156-01-8K	125545.-	1

Spare coils

	AC Coil*	Unit LP ₹
3TS48	3TY7463-0A..	4615.-
3TS50	3TY7483-0A..	8420.-
3TS51/52	3TY7503-0A..	8575.-
3TS53/54	3TY7523-0A..	10860.-
3TS55	3TY7543-0A..	13140.-
3TS56	3TY7563-0A..	19085.-



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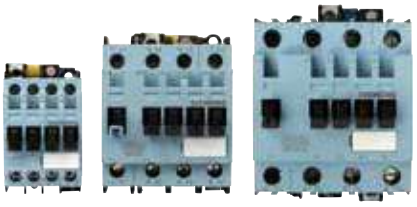
3TS 4 Pole Contactors
for Power Applications



Contactor Size	Rated current Ie (A) AC1 at 415V	AC Coil[1)]	Unit LP ₹		DC Coil[1)]	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	**3TS3100-0A..4-8K**	**3750.-**		**3TS3100-0B..4-8K**	**7430.-**	
Size 0	25A	**3TS3200-0A..4-8K**	**3960.-**		**3TS3200-0B..4-8K**	**8420.-**	
Size 1	35A	**3TS3300-0A..4-8K**	**4465.-**		**3TS3300-0B..4-8K**	**9595.-**	
Size 1	40A	**3TS3400-0A..4-8K**	**5880.-**		**3TS3400-0B..4-8K**	**14190.-**	
Size 2	45A	**3TS3500-0A..4-8K**	**6890.-**	**8450.-**	**3TS3500-0B..4-8K**		**16340.-**
Size 2	50A	**3TS3600-0A..4-8K**	**7645.-**	**9270.-**	**3TS3600-0B..4-8K**		**20705.-**
Size 2	65A	**3TS3700-0A..4-8K**	**14995.-**	**16680.-**	**3TS3700-0B..4-8K**		**29130.-**
Size 2	65A*	**3TS3700-0A..4-8KA0**	**16925.-**	**18590.-**	**3TS3700-0B..4-8KA0**		**33410.-**

1) Please add coil voltage code from table below

* 50A AC-3 rating

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

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

Accessories

Auxiliary Contact Block	Type	Unit LP ₹
1 NO	**3TX40 10-2A**	**600.-**
1 NC	**3TX40 01-2A**	**600.-**

Mechanical Interlock	Type	Unit LP ₹
Size 0 and Size 1	**3TX4091-1A**	**1895.-**
S2	**3TX4091-1A + 3TX4091-1G****	**1895.-** **500.-**

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**	**1715.-**	**3TX7402-3RY2**	**2735.-**
		48 - 127V	70 - 150V	**3TX7402-3HY1**	**1715.-**	**3TX7402-3SY2**	
		127 - 240V	150 - 250V	**3TX7402-3JY1**	**1715.-**	**3TX7402-3TY2**	
		240 - 400V	–	**3TX7402-3KY1**	**2210.-**	**3TX7402-3UY2**	
Size 2	Electronic Coil	81-273V AC				**3TX7402-3PY2**	
			24-55V			**3TX7402-3QY2**	

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

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

Contactor Size	Rated current Ie (A) AC1 at 415V	For Contactor	Type	Unit LP ₹
Size 1	35A	3TS3300	**3TS9133-0E**	**4780.-**
Size 1	40A	3TS3400	**3TS9134-0E**	**6750.-**
Size 2	45A	3TS3500	**3TS9135-0E**	**10255.-**
Size 2	50A	3TS3600	**3TS9136-0E**	**12085.-**
Size 2	65A	3TS3700	**3TS9137-0E**	**12100.-**
Size 2	65A*	3TS3700	**3TS9137-0A**	**17520.-**

* 50A AC-3 rating

Spare Coils

Contactor Size	Type[2)] AC	Unit LP ₹	Type[2)] DC	Unit LP ₹
Size 0	**3TS9231-0A..4-8K**	**2240.-**	**3TS9231-0B..4-8K**	**3055.-**
Size 1	**3TS9233-0A..4-8K**	**2400.-**	**3TS9233-0B..4-8K**	**3190.-**
Size 2	**3TS9235-0A..4-8K (Standard)**	**2660.-**		
Size 2	**3TS9235-0A..4-8K (Electronic)**	**3860.-**	**3TS9235-0B..4-8K (Electronic)**	**4570.-**

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



3TS Single Pole LED Contactors

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

Available in

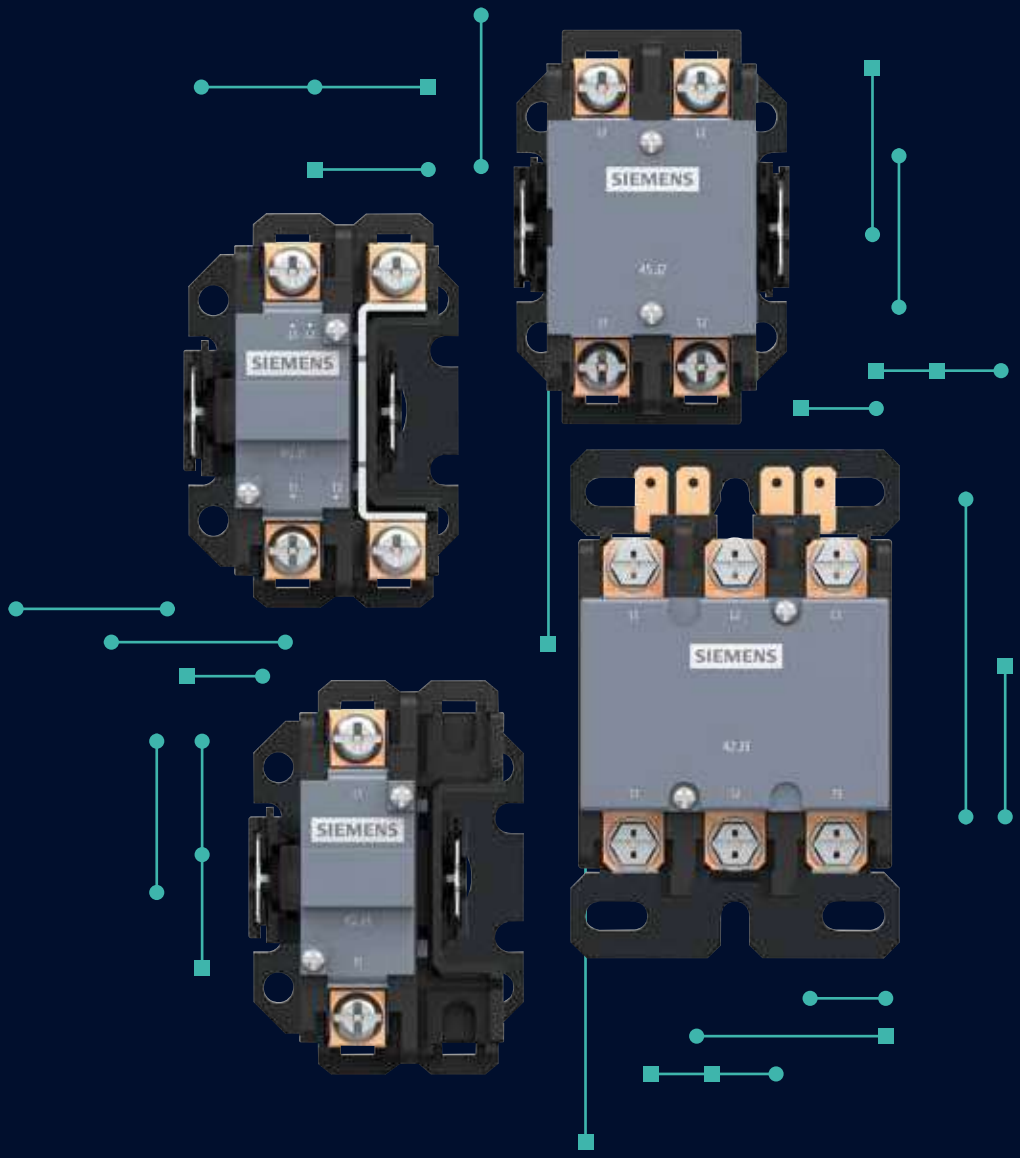
4000W - 3TS3210-0AM71-8K

8000W - 3TS3310-0AM71-8K

Price on request



Definite Purpose Contactors
45.J & 42.J



SIEMENS

Definite Purpose Contactors – 42.J & 45.J

Ordering data	AC 8a rating	Pan screw	Hex screw quad quick connect	Unit MRP ₹	Std pkg (nos)
1 Pole with shunt	25A ■	45CJ10A_B	45CJ10A_C	2450.-	1
	30A ■	45DJ10A_B	45DJ10A_C	2525.-	1
	40A	45EJ10A_B	45EJ10A_C	2610.-	1
1Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	2310.-	1
	30A ■	45DJ40A_B	45DJ40A_C	2390.-	1
	40A	45EJ40A_B	45EJ40A_C	2480.-	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	2935.-	1
	30A ■	45DJ20A_D	45DJ20A_E	2965.-	1
	40A ■	45EJ20A_D	45EJ20A_E	3055.-	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	3775.-	1
	25A	42CJ35A_D	42CJ35A_E	3835.-	1
	30A	42DJ35A_D	42DJ35A_E	3870.-	1
	40A ■	42EJ35A_D	42EJ35A_E	3955.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	4675.-	1
	25A	42CJ36A_D	42CJ36A_E	4730.-	1
	30A	42DJ36A_D	42DJ36A_E	4760.-	1
	40A ■	42EJ36A_D	42EJ36A_E	4855.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	715.-	1
2 Pole contactor	75J29A_	865.-	1
3 Pole contactor	75J39A_	980.-	1

Please add coil code from table below

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

■ **Standard material**



Continuing the Legacy...

3VS Motor Protection Circuit Breakers

MPCBs for motor protection

Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	9935.-	3VS1300-1MB00	11910.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00	12030.-	1
0.4 - 0.6	3VS1300-0ME00	11570.-	3VS1300-1ME00	13550.-	1
0.6 - 1	3VS1300-0MF00		3VS1300-1MF00	14070.-	1
1 - 1.6	3VS1300-0MG00	11660.-	3VS1300-1MG00	14210.-	1
1.6 - 2.4	3VS1300-0MH00		3VS1300-1MH00		1
2 - 3.2	3VS1300-0NH00	12200.-	3VS1300-1NH00	14330.-	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		3VS1300-1NK00	14480.-	1
6 - 10	3VS1300-0ML00	12320.-	3VS1300-1ML00		1
8 - 13	3VS1300-0NL00	14150.-	3VS1300-1NL00	15890.-	1
10 - 16	3VS1300-0MM00	14815.-	3VS1300-1MM00	16620.-	1
14 - 20	3VS1300-0MN00	15090.-	3VS1300-1MN00	16940.-	1
18 - 25	3VS1300-0MP00	16835.-	3VS1300-1MP00	18080.-	1

Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ **3VU9131-3AA00**	**3090.-**	**1**
Short-circuit signaling switch	1 NO + 1 NC	■ **3VU9131-7AA00**	**3565.-**	**1**

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ **3VU9133-Z**@ ■ **3VU9163-Z**@	**7975.-** **8495.-**	**1** **1**
Front drive for 3VS	Fixed coupler	■ **8UC616**#	**2340.-**	**1**

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

MRP



3TS-3VS Connector

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



■ **Stock items**

Please order in multiples of standard packing.

Timing and Monitoring Relays

Features and Benefits

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



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

7UG0 monitoring relays

Description			Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered	3Ph-3W	7UG0712-1AA20	2915.-	1
	Self powered	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	6830.-	1
	Self powered	3Ph-3W, 3Ph-4W	7UG0818-1CA20	6255.-	1
Voltage Monitoring relay	Self powered	3Ph-3W	7UG0753-1AA20	4970.-	1
Current Monitoring relay	230 V AC	1Ph-2W	7UG0822-1AD20	7705.-	1
	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	9840.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	9365.-	1
Earth leakage relay	110 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	10385.-	1
	230 V AC	1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	10490.-	1
CBCT for ELR		35mm	7UG09-96	3775.-	1
		70mm	7UG09-97	4320.-	1
		120mm	7UG09-99	7360.-	1
		210mm	7UG0 994*	14145.-	1
		310mm	7UG0 995*	21085.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W		7UG0861-1BU20	10730.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P		7UG09910	3700.-	1
	Core Balance CT 160 frame, 4P		7UG09911	4225.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P		7UG09912	4470.-	1
	Core Balance CT 250 frame, 4P		7UG09913	5270.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P		7UG09914	6595.-	1
	Core Balance CT 630 frame, 4P		7UG09915	7140.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display		7UG0571-1FT20	39235.-	1
	12 Stage with LCD display		7UG0572-1GT20	42030.-	1
	12 stage with LED display		7UG0572-1GT21	24030.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output		7UG0 480-1IU20	7875.-	1
Water level controller relay	110-240V AC/DC	Single tank (suction or filling) or dual tank (suction and filling) monitoring	7UG0885-1JU20	4070.-	1
Sensor for water level controller relay	Pack of 3 sensor		7UG0985-0YY00	1220.-	1
Thermistor protection relay	110-240V AC/DC		7UG0881-1BU20	4740.-	1

7PV0 timers

Description			Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC		7PV0712-1AD20	2880.-	1
Multifunction timer with digital display	20-240V AC/DC	15 functions	7PV0732-1AV20	5660.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	10 functions	7PV0723-1AZ20	3775.-	1

Note: * Non RoHS and CE

Plug-in-relay - 7RQ

Now in TI - GREY NEW

Features and Benefits

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



Relay		Standard Features	Control supply voltage* (V)		Type	Unit LP ₹	Std. pkg. (nos.)
1CO							
	6A 5 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0AC00	665.-	10
				48	7RQ0100-0AD00	885.-	10
				110	7RQ0100-0AE00	1200.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0AM10	840.-	10
				48	7RQ0100-0AN10	1200.-	10
				110	7RQ0100-0AP10	1250.-	10
				230	7RQ0100-0AR10	1275.-	10
2CO							
	6A 8 pin	• Mechanical Flag • LED indicator • Free wheeling diode	DC	24	7RQ0100-0BC00	915.-	10
				48	7RQ0100-0BD00	1095.-	10
				110	7RQ0100-0BE00	1185.-	10
		• Mechanical Flag • LED indicator	AC	24	7RQ0100-0BM10	1065.-	10
				48	7RQ0100-0BN10	1185.-	10
				110	7RQ0100-0BP10	1210.-	10
				230	7RQ0100-0BR10	1230.-	10
2CO							
	10A 8 pin	• LED indicator	DC	24	7RQ0110-0BC00	1185.-	10
				48	7RQ0110-0BD00	1445.-	10
				110	7RQ0110-0BE00	1570.-	10
		• LED indicator	AC	24	7RQ0110-0BM00	1415.-	10
				48	7RQ0110-0BN00	1590.-	10
				110	7RQ0110-0BP00	1570.-	10
				230	7RQ0110-0BR00	1630.-	10
3CO							
	10A 11 pin	• LED indicator	DC	24	7RQ0100-0CC00	1515.-	10
				48	7RQ0100-0CD00	1590.-	10
				110	7RQ0100-0CE00	1850.-	10
		• LED indicator	AC	24	7RQ0100-0CM00	1605.-	10
				48	7RQ0100-0CN00	1695.-	10
				110	7RQ0100-0CP00	1815.-	10
				230	7RQ0100-0CR00	1850.-	10
4CO							
	5A 14 pin	• LED indicator	DC	24	7RQ0100-0DC00	1390.-	10
				48	7RQ0100-0DD00	1460.-	10
				110	7RQ0100-0DE00	1650.-	10
		• LED indicator	AC	24	7RQ0100-0DM00	1445.-	10
				48	7RQ0100-0DN00	1475.-	10
				110	7RQ0100-0DP00	1605.-	10
				230	7RQ0100-0DR00	1630.-	10

Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
1CO				
10A 	PCB mounted	7RQ0202-1AX00	230.-	10
	Din rail mounting	7RQ0201-1AX00	400.-	10
2CO				
6A 	PCB mounted	7RQ0202-1BX00	230.-	10
	Din rail mounting	7RQ0201-1BX00	525.-	10
2CO				
10A 	PCB mounted	7RQ0212-1BX00	275.-	10
	Din rail mounting	7RQ0211-1BX00	670.-	10
3CO				
10A 	Din rail mounting	7RQ0201-1CX00	915.-	10
4CO				
7A 	PCB mounted	7RQ0202-1DX00	365.-	10
	Din rail mounting	7RQ0201-1DX00	645.-	10

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

Indicating Lamps 3SB5

Compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5285-6HC01	625.-	10
		Green	■ 3SB5285-6HE01		10
		Amber	■ 3SB5285-6HL01		10
		Blue	■ 3SB5285-6HF01	1575.-	10
		White	3SB5285-6HG01	625.-	10
		Yellow	3SB5285-6HD01		10
		Clear	3SB5285-6HH01		10
	30V DC @	Red	3SB5285-6HC13	700.-	10
		Green	3SB5285-6HE13		10
		Amber	3SB5285-6HL13		10
		Blue	3SB5285-6HF13	1805.-	10
		White	3SB5285-6HG13	700.-	10
		Yellow	3SB5285-6HD13		10
		Clear	3SB5285-6HH13		10
	110 V AC 50/60 Hz	Red	■ 3SB5285-6HC02	625.-	10
		Green	■ 3SB5285-6HE02		10
		Amber	■ 3SB5285-6HL02		10
		Blue	■ 3SB5285-6HF02	1575.-	10
		White	3SB5285-6HG02	625.-	10
		Yellow	3SB5285-6HD02		10
		Clear	3SB5285-6HH02		10
	110 V DC@	Red	■ 3SB5285-6HC04	700.-	10
		Green	■ 3SB5285-6HE04		10
		Amber	■ 3SB5285-6HL04		10
		Blue	■ 3SB5285-6HF04	1805.-	10
		White	3SB5285-6HG04	700.-	10
		Yellow	3SB5285-6HD04		10
		Clear	3SB5285-6HH04		10
	220/240 V AC 50/60 Hz	Red	■ 3SB5285-6HC03	625.-	10
		Green	■ 3SB5285-6HE03		10
		Amber	■ 3SB5285-6HL03		10
		Blue	■ 3SB5285-6HF03	1575.-	10
		White	3SB5285-6HG03	625.-	10
		Yellow	3SB5285-6HD03		10
		Clear	3SB5285-6HH03		10
	220 V DC@	Red	■ 3SB5285-6HC05	700.-	10
		Green	■ 3SB5285-6HE05		10
		Amber	■ 3SB5285-6HL05		10
		Blue	■ 3SB5285-6HF05	1805.-	10
		White	3SB5285-6HG05	700.-	10
		Yellow	3SB5285-6HD05		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 NEW	Red	■ 3SB5235-6HC14	1045.-	10
		Green	■ 3SB5235-6HE14		10
		Amber	■ 3SB5235-6HL14		10
		Blue	■ 3SB5235-6HF14	1790.-	10
		White	3SB5235-6HG14	1045.-	10
		Yellow	3SB5235-6HD14	1385.-	10
		Clear	3SB5235-6HH14		10

Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	210.-	10
	Green	■ 3SB5201-6BE00		10
	Amber	■ 3SB5201-6BL00		10
	Blue	■ 3SB5201-6BF00		10
	White	3SB5201-6BG00		10
	Yellow	3SB5201-6BD00		10
	Clear	3SB5201-6BH00		10

Illumination Module $ - (suitable for INTEGRATED LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	24 V AC/DC 50/60 Hz	Red	■ 3SB5400-7CC	545.-	10
		Green	■ 3SB5400-7CE	545.-	10
		Amber	■ 3SB5400-7CL	545.-	10
		Blue	■ 3SB5400-7CF	1735.-	10
		White†	3SB5400-7CG	545.-	10
		Yellow	3SB5400-7CD	545.-	10
	110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	545.-	10
		Green	■ 3SB5400-7EE	545.-	10
		Amber	■ 3SB5400-7EL	545.-	10
		Blue	■ 3SB5400-7EF	1735.-	10
		White†	3SB5400-7EG	545.-	10
		Yellow	3SB5400-7ED	545.-	10
	110 V DC@	Red	■ 3SB5400-7DC	545.-	10
		Green	■ 3SB5400-7DE	545.-	10
		Amber	■ 3SB5400-7DL	545.-	10
		Blue	■ 3SB5400-7DF	1735.-	10
		White†	3SB5400-7DG	545.-	10
		Yellow	3SB5400-7DD	545.-	10
	230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	545.-	10
		Green	■ 3SB5400-7TE	545.-	10
		Amber	■ 3SB5400-7TL	545.-	10
		Blue	■ 3SB5400-7TF	1735.-	10
		White†	3SB5400-7TG	545.-	10
		Yellow	3SB5400-7TD	545.-	10
	220 V DC@	Red	■ 3SB5400-7HC	545.-	10
		Green	■ 3SB5400-7HE	545.-	10
		Amber	■ 3SB5400-7HL	545.-	10
		Blue	■ 3SB5400-7HF	1735.-	10
		White†	3SB5400-7HG	545.-	10
		Yellow	3SB5400-7HD	545.-	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	185.-	10
		Green	■ 3SB5000-0AE01		
		Blue	■ 3SB5000-0AF01		
		White	■ 3SB5000-0AG01		
		Yellow	■ 3SB5000-0AD01		
		Black	■ 3SB5000-0AB01		
	Raised	Red	■ 3SB5000-0LC01	215.-	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	240.-	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	255.-	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	645.-	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	655.-	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	625.-	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	660.-	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	225.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A	425.-	10
	2 NO	■ 3SB5400-0E		10
	2 NC	■ 3SB5400-0F		10

Mushroom Actuators (with plastic front ring)



Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) (with holder for contact block)				
momentary	Black	3SB5000-1NB01	395.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	445.-	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	755.-	10
MMCB (Mounting Monitoring Contact Block,1NC)		3SB5400-0M	365.-	10

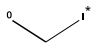
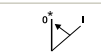
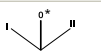
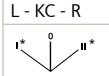
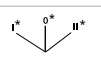
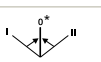
MMCB should be assembled only on middle slot "5-6" of the holder



Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) **push to trip, turn to release with 1NC**	Red	■ 3SB5203-0UC01	730.-	10
Mushroom actuator (40 mm ø) **push to trip, turn to release**	Red	3SB5000-0UC01	535.-	10
Mushroom actuator (40 mm ø) **push to trip, key to release**	Red	3SB5000-0TC01	2795.-	10



Modular key actuators (with plastic front ring)

Description			Type	Unit LP ₹	Std Pkg (nos.)
2 position key actuator (with holder for contact block)	Maintained	 L - KR	■ 3SB5000-4AC01	1045.-	10
		 KL - R	3SB5000-4AA01		10
		 KL - KR	3SB5000-4AB01		10
	Momentary	 KL < R	■ 3SB5000-4TA01		10
		 L > KR	3SB5000-4TC01		10
3 position key actuator (with holder for contact block)	Maintained	 L - KC - R	■ 3SB5000-4HA01	1095.-	10
		 KL - C - KR	3SB5000-4HC01		10
		 KL - KC - KR	3SB5000-4HB01		10
	Momentary	 L > KC < R	■ 3SB5000-4JA01		10

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

Twin Push Button Actuators

	Description	Type	Unit LP ₹	Std Pkg (nos.)
	Complete actuator with holder for contact block			
	Opaque with 1NO & 1NC	3SB5201-7EC01	800.-	10
	Illuminated with 1NO & 1NC	3SB5234-7EC01	840.-	10
	Modular actuator with holder for contact block			
	Opaque	3SB5000-7EC01	385.-	10
	Illuminated	3SB5001-7EC01	400.-	10

■ **Stock items**

Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
Metal enclosure: Aluminum Die Cast				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-8AA3	2640.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	2840.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	3740.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	3275.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	4145.-	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	4640.-	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	4455.-	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	5795.-	1
Plastic Enclosure				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5801-7AA3	1515.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	3SB5801-7AN3	1515.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	3SB5801-7AM3	1645.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	3SB5802-7AC3	1775.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	3SB5802-7AE3	2040.-	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	2250.-	1
Pendant mounting: Plastic				
1	Normal opaque push button - Green with 1NO contact block, "START"	3SB5821-7AA3	3260.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, " STOP"	3SB5822-7AC3	3990.-	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	5215.-	1



Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
Plastic Enclosures			
1 way, Grey	3SB5801-0AC3	1100.-	1
2 way, Grey	3SB5802-0AC3	940.-	1
3 way, Grey	3SB5803-0AC3	955.-	1
4 way, Grey	3SB5804-0AC3	2100.-	1
6 way, Grey	3SB5806-0AC3	2925.-	1
1 way, Yellow	3SB5801-0AD3	1100.-	1
Metal Enclosures			
1 way	3SB5801-4AC3	2230.-	1
2 way	3SB5802-4AC3	2420.-	1
3 way	3SB5803-4AC3	3365.-	1
Contact Block			
Contact block for base mounting, 1NO	■ 3SB54200B	225.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	225.-	10
Inscription Labels (set of 11 labels)			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	430.-	10
Blanking plug			
Blanking plug	3SB5912-0BC	130.-	10

Accessories

Description		Type	Unit LP ₹	Std Pkg (nos.)
Inscription plates	START	■ 3SB5901-2EL	100.-	10
	STOP	■ 3SB5901-2EK		10
	ON	■ 3SB5901-2EB		10
	OFF	■ 3SB5901-2EC		10
	UP	3SB5901-2ED		10
	DOWN	3SB5901-2EE		10
	FORWARD	3SB5901-2EF		10
	SLOW	3SB5901-2ES		10
	FAST	3SB5901-2ER		10
	REVERSE	3SB5901-2EG		10
	BLANK	3SB5901-2AA		10
	TRIP	3SB5901-2EA		10
Thrust cap for Push Buttons (for actuating middle module)		■ 3SB5902-0AA	100.-	10
Thrust pad for Selector Actuators (for actuating middle module)		■ 3SB5912-0AN	100.-	10
Adaptor plate for replacing 30 mm PB by 22 mm		■ 3SB5921-0AE	100.-	10
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)		3SB5921-0AB	100.-	10
E-stop Yellow dia. 75 mm with "EMERGENCY STOP" printing		3SB5921-0AD	100.-	10
Protective Cap (IP-67) for	Normal	3SB5902-0AK	120.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)		3SB5911-1AA	145.-	10

■ **Stock items**



3SE5 Position Switches

Modular design for all applications

Modular design with many standardized components

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

SIEMENS

Position Switches - 3SE5

NEW

Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0CC05-8K	1220.-	10
		Slow Action		3SE5250-0BC05-8K	1165.-	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	1890.-	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	1355.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05-8K	1320.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05-8K	1990.-	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	1460.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05-8K	1335.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05-8K	2155.-	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	2175.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05-8K	1970.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05-8K	2320.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05-8K	2470.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05-8K		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00-8K	2340.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00-8K	2080.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00-8K	2530.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00-8K	2650.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00-8K		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00-8K	2620.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00-8K	2395.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00-8K	3340.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00-8K		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00-8K	3620.-	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	495.-	5
Roller lever		3SE5000-0AE10-8K	255.-	5
Angular Roller lever		3SE5000-0AF10-8K	315.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	260.-	5
Twist Lever		3SE5000-0AA21-8K#	215.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K#	430.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58-8K#	645.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K#	480.-	5

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

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04-8K	555.-	5
Roller lever		3SE5000-0AE11-8K	385.-	5
Part turn actuator for twist lever		3SE5000-0AK00-8K	260.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K#	500.-	5
Plain Plunger		3SE5000-0AB01-8K	715.-	5

Plastic Roller Actuators heads for metal 40mm and 56mm

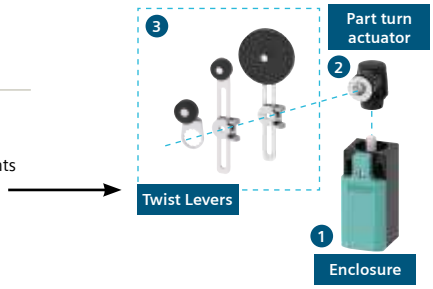
Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01-8K	365.-	5
Angular Roller lever		3SE5000-0AF01-8K	665.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	540.-	5
Twist Lever		3SE5000-0AA01-8K#	255.-	5
Twist Lever (Adjustable)		3SE5000-0AA50-8K#	430.-	5
Fork type		3SE5000-0AT01-8K$	315.-	5
Mounting Head for Fork Type		3SE5000-0AT10-8K	2760.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58-8K#	645.-	5
Twist lever 50mm dia (Adjustable) Plastic roller NEW		3SE5000-0AA57-8K#	480.-	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	445.-	5
Roller Plunger		3SE5000-0AD02-8K	680.-	5
Roller lever		3SE5000-0AE02-8K	610.-	5
Angular Roller lever		3SE5000-0AF02-8K	735.-	5
Part turn actuator for twist lever		3SE5000-0AH00-8K	540.-	5
Twist Lever		3SE5000-0AA02-8K#	305.-	5
Twist Lever (Adjustable)		3SE5000-0AA51-8K#	500.-	5

Notes:

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



Spare and Accessories

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	**3SE5250-0AC05-8K**	**500.-**	**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***	**1040.-**	**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**	**1320.-**	**10**
		Snap action		**3SE5000-0LA00-8K**		**10**
		Slow-action contacts with make-before-break		**3SE5000-0MA00-8K**	**1375.-**	**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**	**2150.-**	**5**

Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	**3SE5232-0AC05-8K**	**940.-**	**1**
50MM			**3SE5242-0AC05-8K**	**1375.-**	**1**
31MM		Metal	**3SE5212-0AC05-8K**	**1570.-**	**1**
40MM			**3SE5112-0AA00-8K**	**1890.-**	**1**
56MM			**3SE5122-0AA00-8K**	**2130.-**	**1**

THE POWER OF **SIMPLICITY**

SINOPLUS 5TJ Miniature Circuit Breakers

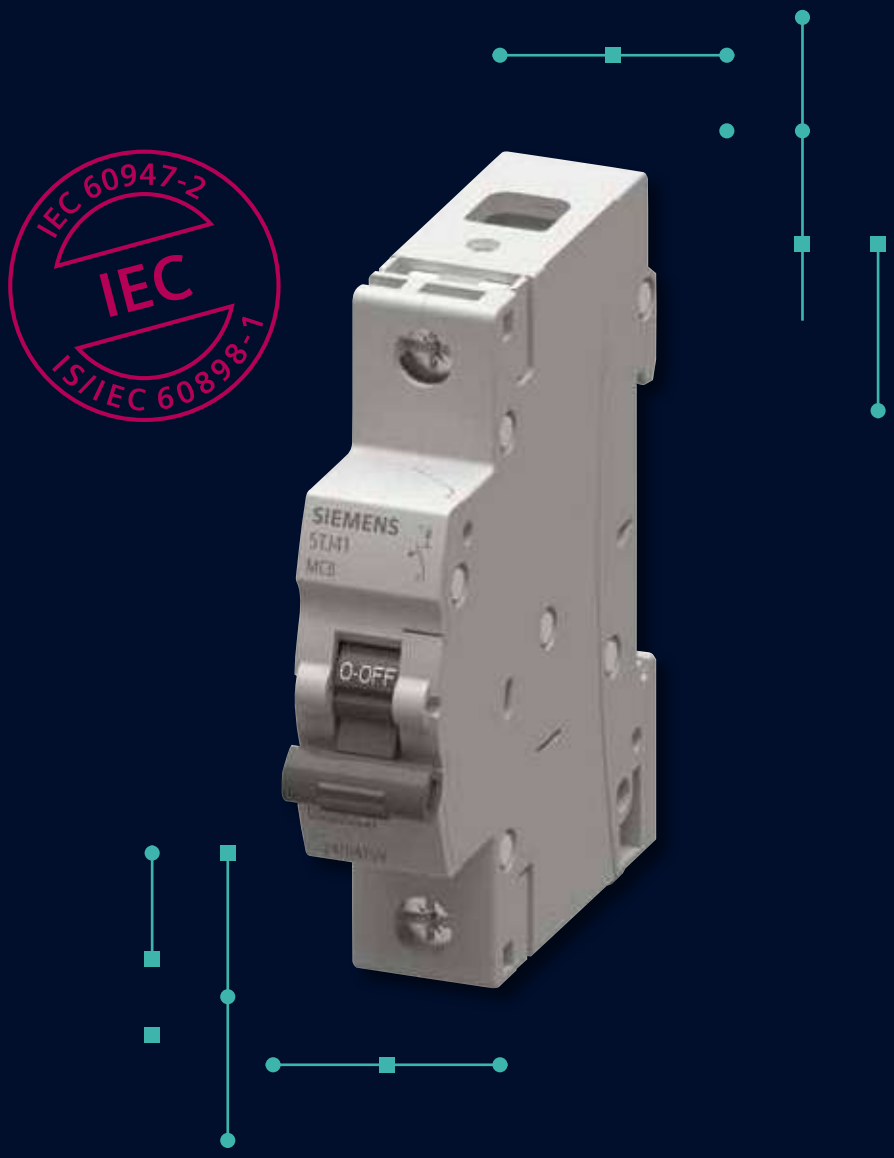
NEW

IEC Safe
Complies with IEC standards

Comprehensive range
For various applications

Reliable
Siemens trusted quality

RoHS compliance
Environmentally friendly



SIEMENS

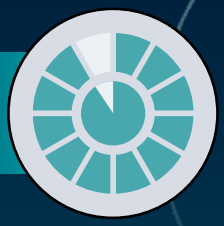
Betagard 5SL MCBs – Inspiring Safety



Terminal covers for protection



High Breaking capacity (Icn)



High Endurance Cycle

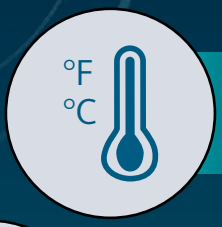


Very low watt loss



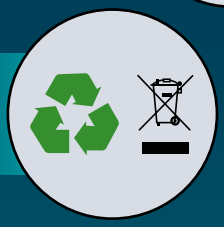


Ergonomic Handle for Identification



High ambient temperature

RoHS Compliant





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^
- With ISI marking: CM/L No. 2255548

7500A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL61057RC	1046.-	1/12
	1		■ 5SL61017RC	732.-	1/12
	2		5SL61027RC	732.-	1/12
	3		5SL61037RC	732.-	1/12
	4		■ 5SL61047RC	732.-	1/12
	6		■ 5SL61067RC	454.-	1/12
	8		5SL61087RC	454.-	1/12
	10		■ 5SL61107RC	454.-	1/12
	13		5SL61137RC	454.-	1/12
	16		■ 5SL61167RC	454.-	1/12
	20		■ 5SL61207RC	454.-	1/12
	25		5SL61257RC	454.-	1/12
	32		5SL61327RC	454.-	1/12
	40		5SL61407RC	998.-	1/12
	50		5SL61507RC	1148.-	1/12
	63		5SL61637RC	1148.-	1/12
2P, 415V AC 	0.5	2	5SL62057RC	2681.-	1/6
	1		5SL62017RC	2268.-	1/6
	2		5SL62027RC	2268.-	1/6
	3		5SL62037RC	2268.-	1/6
	4		5SL62047RC	2268.-	1/6
	6		■ 5SL62067RC	1697.-	1/6
	8		5SL62087RC	1697.-	1/6
	10		■ 5SL62107RC	1697.-	1/6
	13		5SL62137RC	1697.-	1/6
	16		5SL62167RC	1697.-	1/6
	20		■ 5SL62207RC	1697.-	1/6
	25		5SL62257RC	1697.-	1/6
	32		5SL62327RC	1697.-	1/6
	40		5SL62407RC	2382.-	1/6
	50		5SL62507RC	2796.-	1/6
	63		5SL62637RC	2796.-	1/6
3P, 415V AC 	0.5	3	5SL63057RC	3764.-	1/4
	1		5SL63017RC	3185.-	1/4
	2		5SL63027RC	3185.-	1/4
	4		5SL63047RC	3185.-	1/4
	6		■ 5SL63067RC	2549.-	1/4
	10		■ 5SL63107RC	2549.-	1/4
	16		■ 5SL63167RC	2549.-	1/4
	20		5SL63207RC	2549.-	1/4
	25		5SL63257RC	2549.-	1/4
	32		■ 5SL63327RC	2549.-	1/4
	40		■ 5SL63407RC	3567.-	1/4
	50		5SL63507RC	3983.-	1/4
	63		■ 5SL63637RC	3983.-	1/4
4P, 415V AC 	0.5	4	5SL64057RC	5195.-	1/3
	1		5SL64017RC	4396.-	1/3
	2		5SL64027RC	4396.-	1/3
	4		5SL64047RC	4396.-	1/3
	6		5SL64067RC	3524.-	1/3
	10		5SL64107RC	3524.-	1/3
	16		5SL64167RC	3524.-	1/3
	20		5SL64207RC	3524.-	1/3
	25		5SL64257RC	3524.-	1/3
	32		5SL64327RC	3524.-	1/3
	40		■ 5SL64407RC	4554.-	1/3
	50		5SL64507RC	5272.-	1/3
	63		■ 5SL64637RC	5272.-	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^
- Breaking capacity: 10kA as per IS/IEC 60898-1
- With ISI marking: CM/L No. 2255548

10000A	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC 	0.5	1	5SL41057RC	1212.-	1/12
	2		■ 5SL41027RC	848.-	1/12
	3		5SL41037RC	848.-	1/12
	4		5SL41047RC	848.-	1/12
	6		■ 5SL41067RC	549.-	1/12
	8		5SL41087RC	549.-	1/12
	10		■ 5SL41107RC	549.-	1/12
	13		5SL41137RC	549.-	1/12
	16		■ 5SL41167RC	549.-	1/12
	20		■ 5SL41207RC	549.-	1/12
	25		5SL41257RC	549.-	1/12
	32		■ 5SL41327RC	549.-	1/12
	40		5SL41407RC	1197.-	1/12
	50		5SL41507RC	1233.-	1/12
	63		5SL41637RC	1233.-	1/12
2P, 415V AC 	0.5	2	5SL42057RC	3117.-	1/6
	2		■ 5SL42027RC	2638.-	1/6
	3		5SL42037RC	2638.-	1/6
	4		■ 5SL42047RC	2638.-	1/6
	6		■ 5SL42067RC	1891.-	1/6
	8		5SL42087RC	1891.-	1/6
	10		■ 5SL42107RC	1891.-	1/6
	13		5SL42137RC	1891.-	1/6
	16		■ 5SL42167RC	1891.-	1/6
	20		■ 5SL42207RC	1891.-	1/6
	25		5SL42257RC	1891.-	1/6
	32		5SL42327RC	1891.-	1/6
	40		5SL42407RC	3049.-	1/6
	50		5SL42507RC	3049.-	1/6
	63		5SL42637RC	3049.-	1/6
3P, 415V AC 	0.5	3	5SL43057RC	5036.-	1/4
	2		5SL43027RC	4261.-	1/4
	3		5SL43037RC	4261.-	1/4
	4		5SL43047RC	4261.-	1/4
	6		■ 5SL43067RC	3176.-	1/4
	8		5SL43087RC	3176.-	1/4
	10		■ 5SL43107RC	3176.-	1/4
	13		5SL43137RC	3176.-	1/4
	16		■ 5SL43167RC	3176.-	1/4
	20		■ 5SL43207RC	3176.-	1/4
	25		5SL43257RC	3176.-	1/4
	32		■ 5SL43327RC	3176.-	1/4
	40		5SL43407RC	4805.-	1/4
	50		5SL43507RC	4805.-	1/4
	63		■ 5SL43637RC	4805.-	1/4
4P, 415V AC 	0.5	4	5SL44057RC	6330.-	1/3
	2		5SL44027RC	5356.-	1/3
	3		5SL44037RC	5356.-	1/3
	4		5SL44047RC	5356.-	1/3
	6		5SL44067RC	4396.-	1/3
	8		5SL44087RC	4396.-	1/3
	10		5SL44107RC	4396.-	1/3
	13		5SL44137RC	4396.-	1/3
	16		5SL44167RC	4396.-	1/3
	20		5SL44207RC	4396.-	1/3
	25		5SL44257RC	4396.-	1/3
	32		■ 5SL44327RC	4396.-	1/3
	40		5SL44407RC	5996.-	1/3
	50		5SL44507RC	5996.-	1/3
	63		■ 5SL44637RC	5996.-	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 Residual Current Circuit Breakers 5SV

IS 12640 Part 1
CM/L No. 7676092

- 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 Δn (mA)	Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	6035.-	1
		100	25		5SV44120RC	6605.-	1
		300	25		5SV46120RC	6830.-	1
		30	40		■ 5SV43140RC	7075.-	1
		100	40		5SV44140RC	7745.-	1
		300	40		5SV46140RC	8040.-	1
		30	63		■ 5SV43160RC	9465.-	1
		100	63		5SV44160RC	9985.-	1
		300	63		5SV46160RC	10615.-	1
		30	80		5SV43170RC	15325.-	1
		100	80		5SV44170RC	15940.-	1
		300	80		5SV46170RC	15940.-	1
	4 Pole	30	25	4	■ 5SV43420RC	8470.-	1
		100	25		5SV44420RC	8785.-	1
		300	25		5SV46420RC	9105.-	1
		30	40		■ 5SV43440RC	8570.-	1
		100	40		5SV44440RC	8900.-	1
		300	40		5SV46440RC	9245.-	1
		30	63		■ 5SV43460RC	9985.-	1
		100	63		5SV44460RC	10390.-	1
		300	63		5SV46460RC	10755.-	1
		30	80		5SV43470RC	15325.-	1
		100	80		5SV44470RC	15940.-	1
		300	80		5SV46470RC	15940.-	1

■ Stock items

Note:

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

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Betagard Accessories

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

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	**Aux contact block** (For 5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3010[1)]	2530.-	12
	2NO	5ST3011[1)]	2585.-	1
	2NC	5ST3012[1)]	2585.-	1
	1CO	5ST3016[1)]	4100.-	1
	Fault signal contact (For 5SL/5SY/5SP4/5SV/5SU1/5SM2)			
	1NO+1NC	5ST3020[1)]	3725.-	1
	2NO	5ST3021[1)]	3785.-	1
	2NC	5ST3022[1)]	3785.-	1
	Shunt release (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	110...415V AC	5ST3030[1)]	10445.-	1/5
	24...48V DC	5ST3031[1)]	10445.-	1/5
	Auxiliary and fault signal changeover contact (5SL/5SY/5SP4/5TL/5SV/5SU1/5SM2) Auxiliary switch - 1CO Fault contact - 1CO	5ST3062	12050.-	1
	**Undervoltage release** (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1/5SM2)			
	With integrated aux. switch			
	230V AC	5ST3040[1)]	14025.-	1/5
	110V DC	5ST3041[1)]	14025.-	1/5
	24V DC	5ST3042[1)]	14025.-	1/5
	Without integrated aux. switch			
	230V AC	5ST3043[1)]	14025.-	1/5
	110V DC	5ST3044[1)]	14025.-	1/5
	24V DC	5ST3045[1)]	14025.-	1/5
	Remote control mechanism unit			
	Basic version for 5SL, 5SY, 5TL1 and 5SU1 (1P+N only)			
	(12-30)V AC & (12-48)V DC, 1.5MW	5ST3053	62555.-	1
	230V AC, 2MW	5ST3054	62555.-	1
	Power version for 5SL, 5SY, 5TL1, 5SU1 & 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3055	105865.-	1
	230V AC, 2MW	5ST3056	105865.-	1
	Power version for 5SM2 (12-30)V AC & (12-48)V DC, 2MW	5ST3070	123520.-	1
	Auto Reclose Device Version for 5SM2			
	(12-30)V AC & (12-48)V DC, 2MW	5ST3057	101375.-	1
	230V AC, 2MW	5ST3058	118835.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P and 5SM2- 2P	5ST38206	1320.-	1
	For 5SL - 3P & 4P and 5SM2 - 3P & 4P	5ST38207	1320.-	1
	For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M	5ST38201	1320.-	1
	For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M	5ST38202	1320.-	1
	For 5SU1 - 2P, 2M	5ST38205	1320.-	1
	^ Add-on block for 5SU1 & 5SM2 to be ordered along with Adapter	5ST38203	2875.-	1
	**Handle locking device**			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	1305.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	1230.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	835.-	5
	Handle connector for 2P, 2M 5SU1 RCBO[$] (1set = 5 units in poly bag)	5ST38051	2595.-	1

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[$$]	5ST38140RC	4655.-	1

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

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

$$ Not suitable for 1P variants 1) Suffix **–ZI91** will be added for internal ordering

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



5SD Surge Protection Devices

Safe & Reliable

Surge Protection Devices are available in the following types:

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

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

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

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Surge Protection Devices

For protection of equipment against Lightning and Switching surges

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

Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage Uc: 350V



Reference No.	Rated voltage	Pole	Module width	Total I_{imp} (10/350µs)	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	**38215.-**
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	**74390.-**

Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	U_c	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	**6250.-**
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	**18580.-**

Surge Arresters for Photovoltaic application

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

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



Reference No.	Rated voltage	Pole	Module width	U_{cpv}	I_{max} (8/20µs)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	**10555.-**

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



5SD74141

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**	**POR**
240/415V AC	125A gL/gG	1.5-2.5kV	25kA/75kA	100kA	3P+N	**5SD74141**	

For TN-C system

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



5SD74131

Rated voltage U_N	Backup fuse rating	Protection level	Lightening impulse current I_{mp}(10/350µs)		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**	**POR**

Type 2: Surge Arresters

For TN-S/ TT system

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

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



5SD74641



5SD7422-0

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

For TN-C system

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



5SD7463-0

Rated voltage U_N	Backup fuse rating	Protection level U_P	Maximum discharge surge current I_{max} 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**	**POR**
240/415V	80A gL/gG	≤1.5kV	40kA	3P	Yes	**5SD74631**	

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**	**POR**
120V AC 150V DC	26A	0.95kV	3kA	2P	**5SD74326**	
240V AC 240V DC	26A	1.5kV	3kA	2P	**5SD74327**	

Surge arresters for photovoltaic application

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



5SD74836

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

Replacement Plug



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

* 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

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Modular Devices

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Insta Contactors Standards: EN 60947-4-1, EN 60947-5-1						
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	40	3	**5TT58410**	**20965.-**	**1/5**
	3NO+1NC contacts, 24V AC/24V DC (1NC contact rated for 30A)	40	3	**5TT58412**	**21070.-**	**1/5**
	4NO contacts, 230V AC/220V DC	40	3	**5TT58400**	**21130.-**	**1/5**
	4NO contacts, 24V AC/24V DC	40	3	**5TT58402**	**21100.-**	**1/5**
	3NO+1NC contacts, 230V AC/220V DC (1NC contact rated for 30A)	63	3	**5TT58510**	**32835.-**	**1/5**
	3NO+1NC contacts, 24V AC/24V DC, (1NC contact rated for 30A)	63	3	**5TT58512**	**33435.-**	**1/5**
	4NO contacts, 230V AC/220V DC	63	3	**5TT58500**	**26780.-**	**1/5**
	4NO contacts, 24V AC/24V DC	63	3	**5TT58502**	**26835.-**	**1/5**
Insta Contactors Manual / Automatic with Switching Indicator Standards: IEC60947-4-1, IEC60947-5-1						
	4NO contacts, 400V AC	40	3	**5TT58406**	**31040.-**	**1/5**
	4NO contacts, 400V AC	63	3	**5TT58506**	**40675.-**	**1/5**
Accessories						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			**5TT59101**	**9350.-**	**1/10**
Twilight switch						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			**7LQ2300**	**87955.-**	**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.)
Voltage Relays Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 07-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400V AC	4	**2**	**5TT3402**	**33975.-**	**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**	**62150.-**	**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**	**63980.-**	**1**
RYG 3 phase indicator in 1MW						
	3 phase indicator (all with green color cap)		1	**5TE5802**	**8545.-**	**1/10**
	3 phase indicator (red/yellow/green)		1	**5TE5803**	**8130.-**	**1/10**
	Transparent cap (1 set = 3 items, R, Y, G lens)			**5TG8070**	**2185.-**	**1/10**
Power ON Indicator (Economy Version) 230 V AC, 1 Phase						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	**5TE5800**	**5100.-**	**1/12**
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	**5TE5804**	**6480.-**	**1/12**
	Transparent cap (Red) (1 set 5x each red/transparent)			**5TG8061**	**2820.-**	**5**
	Transparent cap (Green) (1 Set with 5x each green/transparent)			**5TG8062**	**2820.-**	**5**
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			**5TG8063**	**2820.-**	**5**
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			**5TG8064**	**2820.-**	**5**
Fuse Monitor						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230V AC	4	2	**5TT3170**	**26650.-**	**1**

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

	Item Description	Rated Current I_n (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
Time Switches (Digital)						
	Mini digital, daily/weekly program, 100 hours reserve, 230V AC	16	1	**7LF45015**	**19835.-**	**1**
	Yearly time switch top digital 230V, 1 channel	16	2	**7LF45110**	**24290.-**	**1**
	Yearly time switch top digital 230V, 2 channel	16	2	**7LF45120**	**46505.-**	**1**
	Weekly time switch profi digital 230V, 1 channel	16	2	**7LF45210**	**43320.-**	**1**
	Weekly time switch profi digital 230V, 2 channel	16	2	**7LF45220**	**56030.-**	**1**
	Weekly time switch astro digital 230V, 1 channel	16	2	**7LF45310**	**43675.-**	**1**
	Weekly time switch astro digital 230V, 2 channel	16	2	**7LF45320**	**73005.-**	**1**
Time Switches (Mechanical) Standards: EN 60730-1						
 7LF53005	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	**7LF53011**	**26875.-**	**1**
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53005**	**14835.-**	**1**
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	**7LF53016**	**28545.-**	**1**
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250V AC	16	—	**7LF53050**	**31230.-**	**1**
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250V AC	16	—	**7LF53010**	**17600.-**	**1**
Accessories for Digital Time Switches						
	USB adapter and software			**7LF49410**	**71885.-**	**1**
	Data key profi, astro			**7LF49411**	**7320.-**	**1**

Note:
* LP - List Price
# 1MW (Module Width) = 18mm
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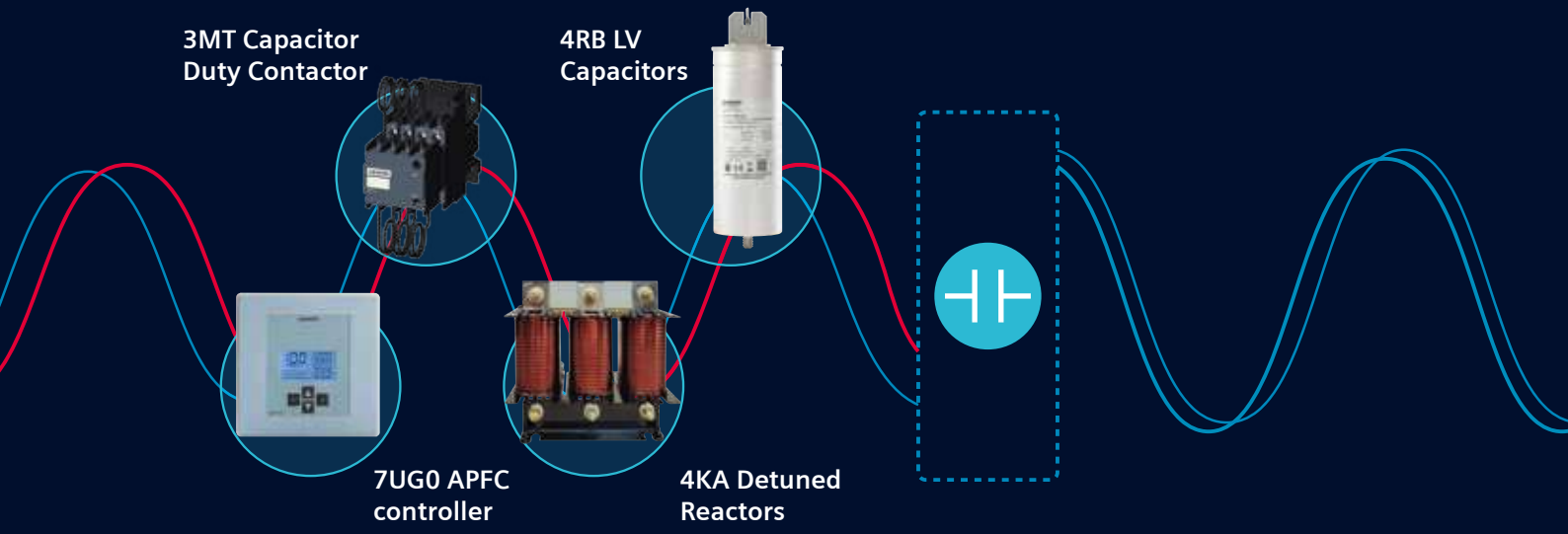
Power Factor Correction





SIEMENS

SIECAP™ LV Power Capacitors



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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	5295.-	1
	6	4RB2060-3EE52-8K	5655.-	1
	7	4RB2070-3EE52-8K	6600.-	1
	7.5	4RB2075-3EE52-8K	7620.-	1
	8.3	4RB2083-3EE52-8K	7570.-	1
	10	4RB2100-3EE52-8K	8675.-	1
	12.5	4RB2125-3EE52-8K	10185.-	1
	15	4RB2150-3EE52-8K	12215.-	1
	20	4RB2200-3EE52-8K	16225.-	1
	20.8	4RB2208-3EE52-8K	16920.-	1
	25	4RB2250-3EE52-8K	20325.-	1
	28	4RB2280-3EE52-8K	22760.-	1
	30	4RB2300-3EE52-8K	24405.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	4875.-	1
	5.5	4RB2055-3EJ52-8K	5395.-	1
	10.4	4RB2104-3EJ52-8K	9615.-	1
	11.1	4RB2111-3EJ52-8K	10450.-	1
	12.5	4RB2125-3EJ52-8K	10705.-	1
	20.8	4RB2208-3EJ52-8K	17800.-	1
	25	4RB2250-3EJ52-8K	21385.-	1
	27.7	4RB2277-3EJ52-8K	23710.-	1
	30	4RB2300-3EJ52-8K	25695.-	1

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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 disconnector
- Shock hazard protected SIGUT terminals

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	6220.-	1
	7.5	4RB2075-3EB53-8K	9695.-	1
	10.4	4RB2104-3EB53-8K	11460.-	1
	12.5	4RB2125-3EB53-8K	12420.-	1
	15	4RB2150-3EB53-8K	14920.-	1
	20	4RB2200-3EB53-8K	19890.-	1
	25	4RB2250-3EB53-8K	24860.-	1
440	5	4RB2050-3EE53-8K	6395.-	1
	7.5	4RB2075-3EE53-8K	9650.-	1
	10	4RB2100-3EE53-8K	11005.-	1
	12.5	4RB2125-3EE53-8K	12420.-	1
	15	4RB2150-3EE53-8K	14920.-	1
	20	4RB2200-3EE53-8K	19890.-	1
	25	4RB2250-3EE53-8K	24860.-	1
	30	4RB2300-3EE53-8K	29810.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	6395.-	1
	6.3	4RB2063-3EJ53-8K	7220.-	1
	10.4	4RB2104-3EJ53-8K	10710.-	1
	11	4RB2110-3EJ53-8K	11340.-	1
	12.5	4RB2125-3EJ53-8K	12880.-	1
	13.8	4RB2138-3EJ53-8K	14215.-	1
	15	4RB2150-3EJ53-8K	15450.-	1
	16.7	4RB2167-3EJ53-8K	17190.-	1
	18.7	4RB2187-3EJ53-8K	19250.-	1
	20	4RB2200-3EJ53-8K	20615.-	1
	22	4RB2220-3EJ53-8K	22640.-	1
	25	4RB2250-3EJ53-8K	25735.-	1
	28.1	4RB2281-3EJ53-8K	28935.-	1
	30	4RB2300-3EJ53-8K	30870.-	1
525	5	4RB2050-3FC53-8K	6600.-	1
	6.3	4RB2063-3FC53-8K	8000.-	1
	8.3	4RB2083-3FC53-8K	9735.-	1
	10.4	4RB2104-3FC53-8K	11075.-	1
	12.5	4RB2125-3FC53-8K	13325.-	1
	13.2	4RB2132-3FC53-8K	14065.-	1
	15	4RB2150-3FC53-8K	15970.-	1
	16.7	4RB2167-3FC53-8K	17815.-	1
	20	4RB2200-3FC53-8K	21295.-	1
	25	4RB2250-3FC53-8K	26615.-	1
	26.5	4RB2265-3FC53-8K	28225.-	1
	30	4RB2300-3FC53-8K	31965.-	1
	33.1	4RB2331-3FC53-8K	35250.-	1

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Std. Pkg. = 1 unit

* LP - List Price

SIECAP™ LV Power Capacitors



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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	9250.-	1
	6.3	4RB1063-3EB50-8K	11540.-	1
	7.5	4RB1075-3EB50-8K	13745.-	1
	10.4	4RB1104-3EB50-8K	12710.-	1
	12.5	4RB1125-3EB50-8K	15055.-	1
	15	4RB1150-3EB50-8K	18070.-	1
	20	4RB1200-3EB50-8K	24100.-	1
	25	4RB1250-3EB50-8K	30120.-	1
	28.1	4RB1281-3EB50-8K	33830.-	1
	30	4RB1300-3EB50-8K	36140.-	1
	33	4RB1330-3EB50-8K	39760.-	1
440	5	4RB1050-3EE50-8K	9000.-	1
	7.5	4RB1075-3EE50-8K	13680.-	1
	10	4RB1100-3EE50-8K	12230.-	1
	10.4	4RB1104-3EE50-8K	12710.-	1
	12.5	4RB1125-3EE50-8K	15055.-	1
	15	4RB1150-3EE50-8K	18070.-	1
	16.7	4RB1167-3EE50-8K	20120.-	1
	20	4RB1200-3EE50-8K	24100.-	1
	25	4RB1250-3EE50-8K	30120.-	1
	28.1	4RB1281-3EE50-8K	33830.-	1
	30	4RB1300-3EE50-8K	36140.-	1
	33.1	4RB1331-3EE50-8K	39865.-	1
480	5	4RB1050-3EJ50-8K	9605.-	1
	6.3	4RB1063-3EJ50-8K	11480.-	1
	8.3	4RB1083-3EJ50-8K	11155.-	1
	10.4	4RB1104-3EJ50-8K	12295.-	1
	11	4RB1111-3EJ50-8K	13740.-	1
	12.5	4RB1125-3EJ50-8K	15600.-	1
	13.8	4RB1138-3EJ50-8K	17230.-	1
	15	4RB1150-3EJ50-8K	18725.-	1
	16.7	4RB1167-3EJ50-8K	20830.-	1
	18.7	4RB1187-3EJ50-8K	23330.-	1
	20	4RB1200-3EJ50-8K	24965.-	1
	22	4RB1220-3EJ50-8K	27440.-	1
	25	4RB1250-3EJ50-8K	31165.-	1
	28.1	4RB1281-3EJ50-8K	35055.-	1
	30	4RB1300-3EJ50-8K	37415.-	1
	31	4RB1310-3EJ50-8K	38675.-	1
	33	4RB1330-3EJ50-8K	41185.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	9775.-	1
	6.3	4RB1063-3FC50-8K	11480.-	1
	8.3	4RB1083-3FC50-8K	11150.-	1
	10.4	4RB1104-3FC50-8K	12295.-	1
	12.5	4RB1125-3FC50-8K	16135.-	1
	13.2	4RB1132-3FC50-8K	17040.-	1
	15	4RB1150-3FC50-8K	19355.-	1
	16.7	4RB1167-3FC50-8K	21570.-	1
	20	4RB1200-3FC50-8K	25800.-	1
	25	4RB1250-3FC50-8K	32270.-	1
	26.5	4RB1265-3FC50-8K	34210.-	1
	30	4RB1300-3FC50-8K	38730.-	1
	33.1	4RB1331-3FC50-8K	42720.-	1
690	5.3	4RB1053-3GK50-8K	10585.-	1
	6.9	4RB1068-3GK50-8K	13145.-	1
	10.4	4RB1104-3GK50-8K	12710.-	1
	12.5	4RB1125-3GK50-8K	16680.-	1
	14.6	4RB1146-3GK50-8K	19480.-	1
	20	4RB1200-3GK50-8K	26670.-	1
	25	4RB1250-3GK50-8K	33350.-	1

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

Std. Pkg. = 1 unit

* LP - List Price

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	53115.-
10kvar	5.67%	4KA1220-3AC01-0AA0	59925.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	65600.-
15kvar	5.67%	4KA1220-5AC01-0AA0	87555.-
20kvar	5.67%	4KA1220-6AC01-0AA0	91155.-
25kvar	5.67%	4KA1220-7AC01-0AA0	93120.-
5kvar	7%	4KA1220-1AA01-0AA0	40775.-
10kvar	7%	4KA1220-3AA01-0AA0	55945.-
12.5kvar	7%	4KA1220-4AA01-0AA0	60400.-
15kvar	7%	4KA1220-5AA01-0AA0	69740.-
20kvar	7%	4KA1220-6AA01-0AA0	74290.-
25kvar	7%	4KA1220-7AA01-0AA0	78180.-
50kvar	7%	4KA1220-2BA01-0AA0	139290.-
75kvar	7%	4KA1220-3BA03-0AA0	195345.-
100kvar	7%	4KA1220-4BA03-0AA0	245880.-
5kvar	14%	4KA1220-1AB01-0AA0	53690.-
12.5kvar	14%	4KA1220-4AB01-0AA0	110955.-
15kvar	14%	4KA1220-5AB01-0AA0	105520.-
20kvar	14%	4KA1220-6AB01-0AA0	129775.-
25kvar	14%	4KA1220-7AB01-0AA0	155290.-
50kvar	14%	4KA1220-2BB01-0AA0	254190.-
75kvar	14%	4KA1220-3BB03-0AA0	418190.-
100kvar	14%	4KA1220-4BB03-0AA0	502365.-

Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	29350.-
10kvar	5.67%	4KA1420-3AC01-0AA0	38665.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	44220.-
15kvar	5.67%	4KA1420-5AC01-0AA0	51900.-
20kvar	5.67%	4KA1420-6AC01-0AA0	64540.-
25kvar	5.67%	4KA1420-7AC01-0AA0	66980.-
50kvar	5.67%	4KA1420-2BC01-0AA0	105255.-
5kvar	7%	4KA1420-1AA01-0AA0	32275.-
10kvar	7%	4KA1420-3AA01-0AA0	41540.-
12.5kvar	7%	4KA1420-4AA01-0AA0	45930.-
15kvar	7%	4KA1420-5AA01-0AA0	51765.-
20kvar	7%	4KA1420-6AA01-0AA0	55125.-
25kvar	7%	4KA1420-7AA01-0AA0	58965.-
50kvar	7%	4KA1420-2BA01-0AA0	101390.-
75kvar	7%	4KA1420-3BA03-0AA0	144005.-
100kvar	7%	4KA1420-4BA03-0AA0	180140.-
5kvar	14%	4KA1420-1AB01-0AA0	43090.-
10kvar	14%	4KA1420-3AB01-0AA0	73365.-
12.5kvar	14%	4KA1420-4AB01-0AA0	86995.-
15kvar	14%	4KA1420-5AB01-0AA0	91355.-
20kvar	14%	4KA1420-6AB01-0AA0	111115.-
25kvar	14%	4KA1420-7AB01-0AA0	126915.-
50kvar	14%	4KA1420-2BB01-0AA0	203505.-

Std. Pkg. = 1 unit

* LP - List Price



3MT7 Capacitor Duty Contactors

NEW

Comprehensive Range

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

Reliable

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

Safe

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



Capacitor kvar 415V AC, 3Ph, 50Hz	Built-in aux. contacts	Type@	Unit LP ₹	Built-in aux. contacts	Type@	Unit LP ₹	Std. pkg. (nos.)
NEW 2.5kvar	1NO	3MT70002JA106A..	4865.-	1NC	3MT70002JA016A..	4865.-	1
NEW 5kvar	1NO	3MT70005JA106A..	5390.-	1NC	3MT70005JA016A..	5390.-	1
NEW 7.5kvar	1NO+1NC	3MT70007JA116A..	6180.-	2NC	3MT70007JA026A..	6180.-	1
NEW 10kvar	1NO+1NC	3MT70010JA116A..	7385.-	2NC	3MT70010JA026A..	7385.-	1
NEW 12.5kvar	1NO+1NC	3MT70012JA116A..	7550.-	2NC	3MT70012JA026A..	7550.-	1
NEW 16.7kvar	1NO+1NC	3MT70016JA116A..	9995.-	2NC	3MT70016JA026A..	9995.-	1
NEW 20kvar	1NO+1NC	3MT70020JA116A..	11580.-	2NC	3MT70020JA026A..	11580.-	1
NEW 25kvar	1NO+1NC	3MT70025JA116A..	13275.-	2NC	3MT70025JA026A..	13275.-	1
NEW 33.3kvar	1NO+2NC	3MT70033JA126A..	20120.-				1
NEW 40kvar	1NO+2NC	3MT70040JA126A..	32475.-				1
NEW 50kvar	1NO+2NC	3MT70050JA126A..	36500.-				1
60kvar	1NO+2NC	3MT70060JA126A..	40405.-				1
80kvar	1NO+2NC	3MT70080JA126A..	49600.-				1
100kvar	1NO+2NC	3MT70100JA126A..	51550.-				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	1460.-	1
20kvar to 25kvar : 3MT70020 to 3MT70025	3MT74000L..9M1A	1715.-	1
33.3kvar to 60kvar : 3MT70033 to 3MT70075	3MT76000L..9M1A	4430.-	
80kvar to 100kvar : 3MT70080 to 3MT70100	3MT78000L..9M1A	4830.-	1

Spare side aux. contact block	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	1085.-	10
2NC	3MT70200CL09M1A	1085.-	10

Automatic Power Factor Correction Relay (APFC relay)

Features

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



7UG0572-1GT20

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	39235.-	1
	12 Stage with LCD display	7UG0572-1GT20	42030.-	1
	12 stage with LED display	7UG0572-1GT21	24030.-	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†**	**6275.-**				
7 kvar	1 NO	**3TS1110-0A..5-8K†**	**6895.-**				
10 kvar	–	**3TS2200-0A..5-8K†**	**7495.-**	1NO+1NC	**3TS2211-0A..5-8K**	**8595.-**	**1**
12.5 kvar	–	**3TS1200-0A..5-8K†**	**7680.-**	1NO+1NC	**3TS1211-0A..5-8K**	**8775.-**	**1**
16 kvar	–	**3TS1300-0A..5-8K†**	**10555.-**	1NO+1NC	**3TS1311-0A..5-8K**	**11630.-**	**1**
20 kvar	–	**3TS1400-0A..5-8K†**	**11895.-**	1NO+1NC	**3TS1411-0A..5-8K**	**12940.-**	**1**
25 kvar	–	**3TS1500-0A..5-8K†**	**13725.-**	1NO+1NC	**3TS1511-0A..5-8K**	**14830.-**	**1**
30 kvar	–	**3TS2500-0A..5-8K†**	**21375.-**	1NO+1NC	**3TS2511-0A..5-8K**	**22490.-**	**1**
40 kvar	2 NO + 2 NC	**3TS2722-0A..5-8K**	**36280.-**				
50 kvar	2 NO + 2 NC	**3TS1722-0A..5-8K**	**42475.-**				



† 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

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ **3TX4010-2A**	**600.-**	**10**
	1NC	■ **3TX4001-2A**	**600.-**	**10**

Spare coils

Contactor kVAr	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	**3TY74030A..**	**2160.-**	**1**
7 kvar				
10 kvar				
12.5 kvar				
16 kvar		**3TY74430A..**	**2660.-**	**1**
20 kvar				
25 kvar				
30 kvar				
40 kvar		**3TY74630A..**	**4615.-**	**1**
50 kvar				

* For coil, refer above table

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**	**5160.-**	**1**
12.5 kvar		**3TS9762-0SX15-8K**		**1**
16 kvar		**3TS9763-0SX15-8K**	**7670.-**	**1**
20 kvar		**3TS9764-0SX15-8K**	**8645.-**	**1**
25 kvar		**3TS9765-0SX15-8K**	**10170.-**	**1**
30 kvar		**3TS9765-0SX15-8K**		**1**
40 kvar		**3TS9767-0SX15-8K**	**26155.-**	**1**
50 kvar		**3TS9767-0SX15-8K**		**1**

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

Betagard Isolators 5TL1

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

		Rated Current I_n (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	**2-pole**	40 63 80 100 125	2	**5TL12400** **5TL12630** **5TL12800** **5TL12910** **5TL12920**	**POR**	**1/1** **1/1** **1/1** **1/1** **1/1**
	**3-pole**	40 63 80 100 125	3	**5TL13400** **5TL13630** **5TL13800** **5TL13910** **5TL13920**	**POR**	**1/1** **1/1** **1/1** **1/1** **1/1**
	**4-pole**	40 63 80 100 125	4	**5TL14400** **5TL14630** **5TL14800** **5TL14910** **5TL14920**	**POR**	**1/1** **1/1** **1/1** **1/1** **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 **5TE8162** **5TE8142**	**5TT58000** **5TT58006** **5TT58016**	**5TT58306**

Accessories for 3VS

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

Type-2 Co-ordination Charts

Direct On-line (DOL) Starter for IE2 / IE3 Motors

Fuse protected selection type 2, Iq = 50kA, IEC:60947-4-1 (3NA with 3MT7 & 3MU7)



SCPD 3NA Fuse



Bi-relay 3MU7



3MT7 Contactor

- The selection is valid only for complete Siemens combinations i.e. DIN Fuse + Contactor + Birelay (+ timer).
- In case this combination is changed to accommodate another brand/rating of DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.
- Selection is for normal starting conditions (class 10 feeder). (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- All fuses are DIN HRC type.
- Tested Type 2 combinations

Motor rating		Fuse		Contactor		Bi-relay	
kW @400 / 415V, 50Hz	I_L (A)	Type	Rating (A)	Type	Rating (A)	Type	Relay setting range (A)
0.37	1.1	3NA7804	4	3MT70060AA...	6	3MU71100FA0	1-1.6
0.55	1.5	3NA7801	6	3MT70060AA...	6	3MU71100GA0	1.25-2
0.75	1.9	3NA7801	6	3MT70060AA...	6	3MU71100HA0	1.6-2.5
1.1	2.7	3NA7801	6	3MT70060AA...	6	3MU71100HA0 3MU71100JA0	1.6 - 2.5 (IE2) 2.5-4 (IE3)
1.5	3.6	3NA7803	10	3MT70060AA...	6	3MU71100JA0	2.5-4
2.2	5	3NA7805	16	3MT70100AA...	9	3MU71100KA0	4-6
3.7	7.8	3NA7807	20	3MT70120AA...	12	3MU71100MA0	7-10
5.5	11.5	3NA7810	25	3MT70181AA...	18	3MU71100NA0	9-13
7.5	15.5	3NA7817	40	3MT70252AA...	25	3MU71100PA0	12-18
11	22	3NA7820	50	3MT70382AA...	38	3MU71100QA0	17-25
15	29	3NA7822	63	3MT70382AA...	38	3MU72101AA0	23-32
18.5	35	3NA7824	80	3MT70503AA110...	50	3MU73102BA0	30-40
22	41	3NA7824	80	3MT70653AA110...	65	3MU73102CA0	37-50
30	55	3NA7830	100	3MT70704AA110...	70	3MU73102DA0	48-65
37	66	3NA7832	125	3MT70954AA110...	95	3MU73102EA0	55-70
45	80	3NA7836	160	3MT70954AA110...	95	3MU73102FA0 3MU73102GA0	63-80 (IE2) 80-93 (IE3)

Star Delta Starter for IE2 / IE3 Motors

Fuse protected selection type 2, IEC:60947-4-1 (3NA with 3MT7 & 3MU7)



SCPD 3NA Fuse



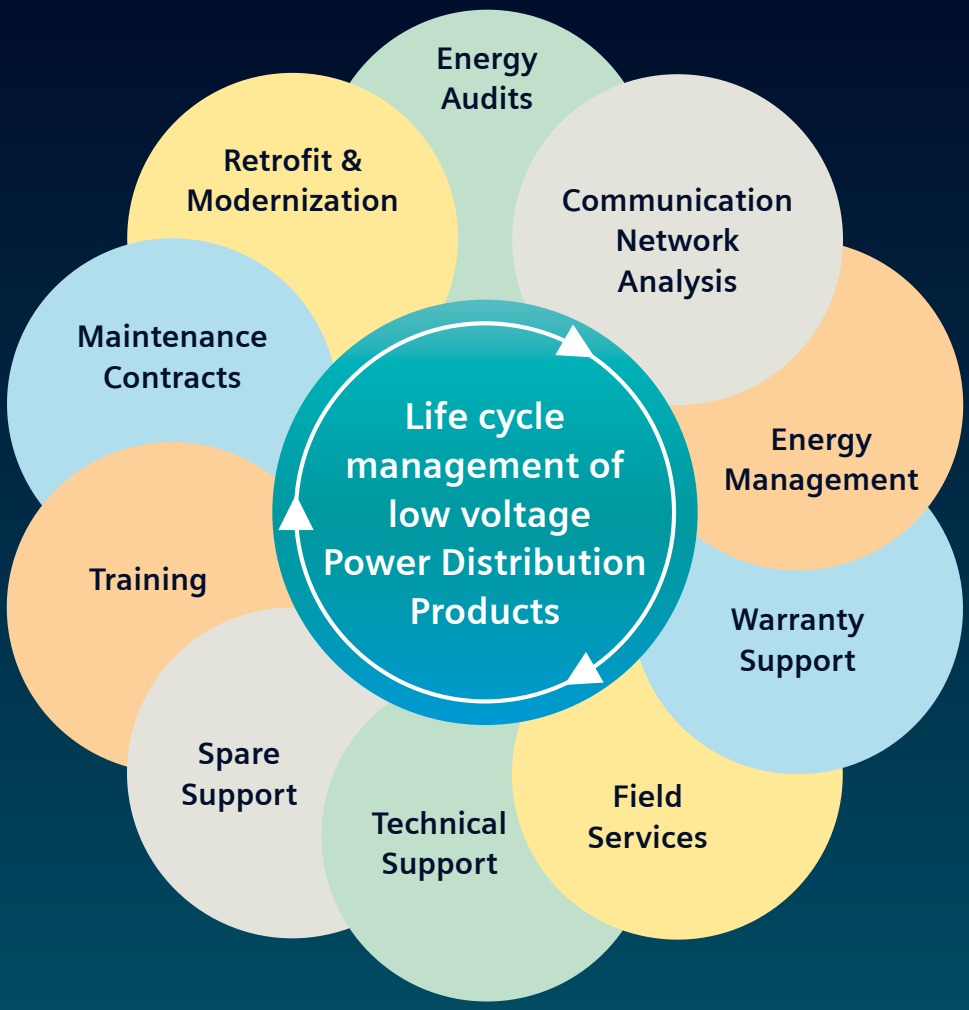
Bi-relay 3MU7



3MT7 Contactor

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

Motor rating		Fuse		Contactor Line / Delta		Contactor Star		Bi-relay	
kW @400 / 415V, 50Hz	I_L (A)	Type	Rating (A)	Type	Rating (A)	Type	Rating (A)	Type	Relay setting range (A)
3.7	8	**3NA7803**	10	**3MT70100AA...**	9	**3MT70060AA...**	6	**3MU7110-0KA0**	4-6
5.5	12	**3NA7805**	16	**3MT70100AA...**	9	**3MT70100AA...**	9	**3MU7110-0LA0**	5.5-8
7.5	16	**3NA7807**	20	**3MT70120AA...**	12	**3MT70100AA...**	9	**3MU7110-0MA0**	7-10
11	22	**3NA7810**	25	**3MT70181AA...**	18	**3MT70120AA...**	12	**3MU7110-0PA0**	12-18
15	29	**3NA7812**	32	**3MT70221AA...**	22	**3MT70181AA...**	18	**3MU7110-0PA0**	12-18
18.5	35	**3NA7817**	40	**3MT70252AA...**	25	**3MT70181AA...**	18	**3MU7110-0QA0**	17-25
22	41	**3NA7820**	50	**3MT70382AA...**	38	**3MT70252AA...**	25	**3MU7210-1AA0**	23-32
30	55	**3NA7822**	63	**3MT70402AA...**	40	**3MT70382AA...**	38	**3MU7210-1BA0**	28-36
37	66	**3NA7824**	80	**3MT70503AA110...**	50	**3MT70382AA...**	38	**3MU7310-2CA0**	37-50
45	80	**3NA7830**	100	**3MT70704AA110...**	70	**3MT70503AA110...**	50	**3MU7310-2CA0**	37-50
55	97	**3NA7830**	100	**3MT70804AA110...**	80	**3MT70653AA110...**	65	**3MU7310-2DA0**	48-65
75	132	**3NA7836**	160	**3MT70954AA110...**	95	**3MT70804AA110...**	80	**3MU7310-2FA0**	63-80



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Mobile: +91 9925001779
E-mail: chandrakant.keshrani@siemens.com

Baroda
1st Floor, Ishan Building, Sarabhai Campus
Beside Neptune Edge Building, Subhanpura
Vadodara, Gujarat - 390023
Mobile: +91 9429037805
E-mail: kalpeshkumar.darji@siemens.com

Bengaluru
2nd Floor, Jyoti Mahal, No. 49, St. Marks Road
Bengaluru - 560001
Tel: +91 80 33422000
Mobile: +91 9167527072
E-mail: kumar.cvs@siemens.com

Bhubaneshwar
Awfis, Ground Floor, Ginger, Opp. NALCO Bhavan
Jayadev Vihar, Nayapalli, Bhubhaneswar - 751013
Mobile: +91 8696222212
E-mail: rohit.nandan@siemens.com

Chandigarh
Awfis Ltd., 2nd Floor, Motiaz Royal Business Park
Chandigarh-Ambala Highway
Zirakpur, Punjab - 140603
Mobile: +91 9888484066
E-mail: padam.sharma@siemens.com

Chennai
4th Floor, ETA Mount Central, Seethakathi Business Centre
Mount Road, Chennai - 600006
Tel: +91 44 30474000
Mobile: +91 8754403663
E-mail: ragesh.subramanian@siemens.com

Coimbatore
Regus, 6th Floor, Hanudev Infopark, Udayampalayam Main Rd
Nava India Rd, Coimbatore - 641028
Mobile: +91 9167527072
E-mail: kumar.cvs@siemens.com

Delhi / Gurgaon
DLF Cyber Park, Tower B, 10th Floor, Plot No. 405B
Udyog Vihar Phase-II, Gurugram - 122008, India
Mobile: +91 9971091588
E-mail: manjeet.mor@siemens.com

Hyderabad
5-9-19, 4th Floor, Lakshmi Narasinh Estate
Hyderabad - 500004
Tel: +91 40 2939 0089
Mobile: +91 9167527072
E-mail: kumar.cvs@siemens.com

Jaipur
Jaipur Centre Mall, Regus, 6th Floor, Cabin No. 633
Tonk Road, Jaipur - 302017
Mobile: +91 9818099433
E-mail: rajesh.raina@siemens.com

Jamshedpur
"My Branch", Fairdeal Complex, 1st Floor
Opp. Ram Mandir, Main Road, Bistupur
Jamshedpur, Jharkhand - 831001
Mobile: +91 8696222212
E-mail: rohit.nandan@siemens.com

Kolkata
1st Floor, 43, Shanti Palli, Rashbihari Bypass Connector
Kolkata - 700042
Tel: +91 33 30939000
Mobile: +91 9051015666
E-mail: amarnath.karmakar@siemens.com

Lucknow
B-1212/5, Indira Nagar, Lucknow, Uttar Pradesh -226016
Mobile: +91 9918002525
E-mail: atul.shukla@siemens.com

Mumbai
2nd Floor, R&D Building
Kalwa Works, Thane Belapur Road
Airoli, Navi Mumbai - 400708
Tel: +91 22 39663000
Mobile: +91 9822467311
E-mail: abhijeet.dandekar@siemens.com

Pune
Tower C, Panchshil Business Park, Survey No. 20
Balewadi, Pune - 411045
Tel: +91 20 30466000
Mobile: +91 9983691888
E-mail: anurag.shah@siemens.com

Territory managers:

Belagavi
CTS No-4011, Flat No 301, 3rd Floor, Ambica Landmark Apartments
Bhagyanagar 2nd Cross, Belagavi - 590006
Mobile: +91 7483502752
E-mail: swapnil.adure@siemens.com

Bharuch
Bungalow No. 1, Sanskar Villa, Behind Yogi Petrol Pump
Narmada Chokdi, Zadeshwar, Bharuch - 392011
Mobile: +91 8884000998
E-mail: viral.kachhadia@siemens.com

Bhilai
Jr. M.I.G 601, Chilpy Height, Bhawna Nagar
Near Shankar Nagar, Raipur - 492007
Mobile: +91 8823823438
E-mail: ashutosh-singh@siemens.com

Bhopal
D-3 Pebble Bay Phase 2, Bagmugaliya, Near IVY Global School
Bhopal - 462043, Madhya Pradesh
Mobile: +91 9926415756
E-mail: laxmi-narayan.dhakar@siemens.com

Boisar
A-505, 5th Floor, Fia Orion Grand
Near ISKON Temple, Palghar (East) - 401404
E-Mail: abhijit-prabhakar.salvi@siemens.com
Mobile: +91 9833905666

Chhatrapati Sambhajinagar (Aurangabad)
Room No. 1, Jyothirling Luxury Building, Waluj Mahanagar 1
Beside MSEB Office, Chhatrapati Sambhajinagar - 431001
Mobile: +91 8087742504
E-mail: vyankatesh.shendge@siemens.com

Cochin
E172, Federal Park, Vennala PO, Ernakulam - 682028
Mobile: +91 9447313241
E-mail: max.tom@siemens.com

Durgapur
C/o Bandana Pal, House No. 3250, Rajbandh Station Road
PS: Kanksa, Near Rajbandh State Bank
Durgapur - 713212, West Bengal
Mobile: +91 9002715943
E-mail: debdulal.dutta@siemens.com

Guwahati
Shivalaya Housing Society, Flat No. B-3A, Bylane 4, Joymatinagar
Adabari, Pandu, Guwahati - 781012, Assam
Mobile: +91 9864110684
E-mail: biplab.datta@siemens.com

Haridwar
41, Green Estate Phase- II
A2Z, Muzaffarnagar, Uttar Pradesh - 251001
Mobile: +91 9953256270
E-mail: vinod.nishad@siemens.com

Indore
87/A Chetan Nagar, Behind Bangali Square
Kanadiya Road, Indore, M.P. - 452016
Mobile: +91 7509200147
E-mail: ankur-jain@siemens.com

Jalandhar
H.No. 212A, Punjabi Bagh Extn, Near Curo Mall
Jalandhar - 144001, India
Mobile: +91 9876047929
E-mail: sunil.singla@siemens.com

Kolhapur & Goa
Krushna Krupa Lake View, Flat No. 403
Jivba Nana Jadhav Road, Kolhapur - 416007
Mobile: +91 9970961852
E-mail: Jivan.kesarkar@siemens.com

Kota
A-3, 1st Floor, Shrinath Estate, MBS Nagar, Railway Station Road
Kota - 324002, Rajasthan
Mobile: +91 8529042228
E-mail: gaurav-sharma@siemens.com

Ludhiana
House No. 91, Lane 25, Bhagya Homes
Rahon Road, Ludhiana - 141007, India
Mobile: +91 9872419990
E-mail: ravinder.pal@siemens.com

Madurai
B6, 17th Avenue Gladway Greencity
Avaniyapuram, Madurai - 625012
Mobile: +91 8667482574
E-mail: s.bhuvanesh.kanth@siemens.com

Nagpur
Plot No. 117, 118, 119, Flat No. 202, Yatharth Apartment
Mahalaxmi Society, Manish Nagar, Nagpur - 440015
Mobile: +91 9049610003
E-mail: sanjay.lonkar@siemens.com

Nashik
Nashik Works, Plot No. C1, Additional Industrial Area
MIDC Ambad, Nashik - 422010, Maharashtra
Mobile: +91 9822193204
E-mail: dhananjay.thorat@siemens.com

Patna
Road No. 12A, Keshri Nagar
Near Veer Kunwar Singh Chowk, Patna - 800024
Mobile: +91 7070192127
E-mail: kumar.rk.rakesh@siemens.com

Pondicherry & Trichy
No 14A, Jeevanandham Street, Dr Radhakrishnan Nagar
Meenatchipet, Puducherry - 605000
Mobile: +91 9751486018
E-mail: durairaj.r@siemens.com

Raipur
Mobile: +91 8696222212
E-mail: rohit.nandan@siemens.com

Rajkot
Flat No. 204, D Wing, Icon Platinum, Opp. Rani Residency
Behind Ayurvedik Hospital, University Road, Gujarat, Rajkot - 360005
Mobile: +91 9875038983
E-mail: jigneshkumar.dalsaniya@siemens.com

Ranchi
Astha Regency, Block-A, Flat No. 805, 8th Floor, Ratu Pandra Road
Piska More, PS-Sukhdeo Nagar, Ranchi, Jharkhand - 834005
Mobile: +91 7033537344
E-mail: soumitra.dutta@siemens.com

Rourkela
House No. 102 & 103, Y3, Brahmani Castle, Civil Town Ship
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Mobile: +91 9861056581
E-mail: ashirbad.das@siemens.com

Rudrapur
Village – Nawar – Khera,
Saheed Rajendra Singh Bhakuni Marg, PO - Kathgodam, Golapar
Haldwani, Distt Nainital, Uttrakhand - 263126
Mobile: +91 9839174578
E-mail: girish.pandey@siemens.com

Salem
4/1, 2nd Street, Sakthi Nagar Annex, Judge Road
Ayyanthirumalgai Post, Salem - 636 008
E-mail: rubengerald.s@siemens.com
Mobile: +91 9894617772

Sonepat & Panipat
House No. 21, Virk Nagar, Near Sant Nagar
Nirankari Bhawan, Panipat - 132103
Mobile: +91 9911316981
E-mail: mohit.bisaria@siemens.com

Sricity
No.84, Bazaar Street, Thandalam, Near Periyapalayam
Thiruvallur - 601102
Mobile: +91 9789824823
E-Mail: r.vikram@siemens.com

Sriperumbudur
Villa 63, Shriram One City, Valarpuram, Sriperambudur - 602105
Mobile: +91 9344622236
E-mail: arshath.b@siemens.com

Surat - 1
House No.12, Suvarnaraj Society, Opp. Nova Apex Apartments
Near Gantawala Panshop, Adajan, Surat - 395009
Mobile: +91 9904717949
E-mail: dhaval.tailor@siemens.com

Surat - 2
3/2213-2, Salabatpura, Pipardi Sheri, Surat - 395003
Mobile- +91 9913197816
E-mail: nirav.jariwala@siemens.com

Udaipur
E45, Sector 14, Behind Capital Tower, Udaipur - 313002, Rajasthan
Mobile: +91 8003088889
E-mail: ankur.pancholi@siemens.com

Vapi
Pramukh Vedanta, Alok Colony, Chala, Vapi - 396191, Gujarat
Mobile: +91 8655512139
E-mail: deepak.gorad@siemens.com

Varanasi
Vrindavan Residency, Nuaon Bypass
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E-mail: kumardeepak@siemens.com

Vijayawada
Door No. 12, Tarapet, Vijayawada - 520001
Mobile: +91 9966637966
E-mail: lakshmi-narayana.ramineni@siemens.com

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