



SINOVA

# Low Voltage Electrical Products

Simply Efficient

Price List w.e.f. 15<sup>th</sup> November 2022

**SIEMENS**

# LIST OF SITRAIN - INDIA TRAINING CENTERS

(including Training Service Providers, TSPs)

Code	Title	Location	Days
<b>SIMATIC – Classic STEP 7, Industry 4.0 and Process Instrumentation</b>			
AS-OL-400A	SIMATIC S7-400 with SIMATIC Manager (Advance Course)	Online Training	3 Days
DIGI-IN4.0	Introduction to Industry 4.0	Online Training	3 Days
AS-PI	Process Instrumentation	Online Training	4 Days
<b>TIA Portal Courses</b>			
AS-OL1500B	SIMATIC S7-1500 with TIA Portal V17 (Basic Course)	Online Training	5 Days
AS-1500B	SIMATIC S7-1500 with TIA V17 (Basic Course)	Siemens Ltd., Kalwa	5 Days
AS-1500A	SIMATIC S7-1500 with TIA V17 (Advance Course)	Siemens Ltd., Kalwa	5 Days
AS-OL1500A	SIMATIC S7-1500 with TIA Portal V17 (Advance Course)	Online Training	5 Days
AS-OL-WINT	SIMATIC WinCC SCADA (WinCC Prof) in the TIA Portal	Online Training	5 Days
AS-TIA150F	SIMATIC Distributed Safety on S7-1500F With TIA Portal <b>**New**</b>	Siemens Ltd., Kalwa	3 Days
<b>Process Control System SIMATIC PCS 7</b>			
AS-PCS7B	DCS: SIMATIC PCS 7 Basic	Siemens Ltd., Kalwa	10 Days
AS-PCS7A	DCS: SIMATIC PCS 7 Advance	Siemens Ltd., Kalwa	10 Days
AS-SFP	SIMATIC Fail-safe (Process Safety) Course <b>**New**</b>	Siemens Ltd., Kalwa	3 Days
<b>Drive &amp; Switchgear Technology</b>			
AP-CRANE	Application Based Crane Training	Siemens Ltd., Kalwa	5 Days
DR-S120B	SINAMICS S120 Basic	Siemens Ltd., Kalwa	5 Days
DR-S120A	SINAMICS S120 Advance	Siemens Ltd., Kalwa	5 Days
DR-SIMOB	SIMOTION Basic	Siemens Ltd., Kalwa	5 Days
LV-SM	SIMOCODE AC-Motor Control	Siemens Ltd., Kalwa	3 Days
TIA-MC	Basics of Motion Control 1 in TIA Portal <b>** New**</b>	Siemens Ltd., Kalwa	4 Days

Code	Title	Location	Days
<b>COMBO Courses <b>**New**</b></b>			
CO-CLS3040	SIMATIC S7-300 & S7-400 with SIMATIC Manager	Online Training	6 Days
CO-300WIN	SIMATIC S7-300 and WinCC v7.x	Online Training	6 Days
CO-TIA1215	SIMATIC S7-1200 & S7-1500 with TIA Portal	Online Training	6 Days
CO-TIAS120	SIMATIC S7-1500 PLC & SINAMICS S120	Online Training	6 Days
CO-G12S12	SINAMICS G120 & S120 Drives with STARTER	Online Training	6 Days
<b>Maintenance Focused Course <b>**New**</b></b>			
MFC-G13S12	SINAMICS G130 & S120	Siemens Ltd., Kalwa	5 Days
MFC-R70R80	DC DRIVE 6RA70 & 6RA80	Siemens Ltd., Kalwa	5 Days
MFC-S7400	SIMATIC S7-400 with SIMATIC Manager	Siemens Ltd., Kalwa	3 Days
MFC-S71500	SIMATIC S7-1500 with TIA Portal	Siemens Ltd., Kalwa	3 Days
<b>Blended Training <b>**New**</b></b>			
BT-1500	Blended Training on SIMATIC S7 1500 with TIA Portal	Online Training	45 Hrs.

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

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

## SITRAIN Training in India

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# | 3WJ air circuit breakers

Powering infrastructures across the globe



Reliable



Safe



Comprehensive



Efficient



Adaptable



Customizable

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





**SIEMENS**



**SINOVA**

# 3VJ Moulded Case Circuit Breakers

**Simply Efficient**

- Rated current: 20A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

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

**SIEMENS**



## 3VJ Moulded Case Circuit Breaker

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	20	3VJ1002-0DA22-0AA0	2930.-	3VJ1002-0DA32-0AA0	3630.-	3VJ1002-0EA42-0AA0	5205.-
		25	3VJ1092-0DA22-0AA0	2930.-	3VJ1092-0DA32-0AA0	3630.-	3VJ1092-0EA42-0AA0	5205.-
		32	3VJ1003-0DA22-0AA0	2930.-	3VJ1003-0DA32-0AA0	3630.-	3VJ1003-0EA42-0AA0	5205.-
		40	3VJ1004-0DA22-0AA0	2930.-	3VJ1004-0DA32-0AA0	3630.-	3VJ1004-0EA42-0AA0	5205.-
		50	3VJ1005-0DA22-0AA0	2930.-	3VJ1005-0DA32-0AA0	3630.-	3VJ1005-0EA42-0AA0	5205.-
		63	3VJ1006-0DA22-0AA0	2930.-	3VJ1006-0DA32-0AA0	3630.-	3VJ1006-0EA42-0AA0	5205.-
		80	3VJ1008-0DA22-0AA0	2930.-	3VJ1008-0DA32-0AA0	3630.-	3VJ1008-0EA42-0AA0	5205.-
		100	3VJ1010-0DA22-0AA0	2930.-	3VJ1010-0DA32-0AA0	3630.-	3VJ1010-0EA42-0AA0	5205.-
		125	3VJ1012-0DA22-0AA0	4520.-	3VJ1012-0DA32-0AA0	5445.-	3VJ1012-0EA42-0AA0	7810.-
	18kA	20	3VJ1002-1DA22-0AA0	4045.-	3VJ1002-1DA32-0AA0	5835.-	3VJ1002-1EA42-0AA0	7490.-
		25	3VJ1092-1DA22-0AA0	4045.-	3VJ1092-1DA32-0AA0	5835.-	3VJ1092-1EA42-0AA0	7490.-
		32	3VJ1003-1DA22-0AA0	4045.-	3VJ1003-1DA32-0AA0	5835.-	3VJ1003-1EA42-0AA0	7490.-
		40	3VJ1004-1DA22-0AA0	4045.-	3VJ1004-1DA32-0AA0	5835.-	3VJ1004-1EA42-0AA0	7490.-
		50	3VJ1005-1DA22-0AA0	4045.-	3VJ1005-1DA32-0AA0	5835.-	3VJ1005-1EA42-0AA0	7490.-
		63	3VJ1006-1DA22-0AA0	4045.-	3VJ1006-1DA32-0AA0	5835.-	3VJ1006-1EA42-0AA0	7490.-
		80	3VJ1008-1DA22-0AA0	4045.-	3VJ1008-1DA32-0AA0	5835.-	3VJ1008-1EA42-0AA0	7490.-
		100	3VJ1010-1DA22-0AA0	4045.-	3VJ1010-1DA32-0AA0	5835.-	3VJ1010-1EA42-0AA0	7490.-
		125	3VJ1012-1DA22-0AA0	4685.-	3VJ1012-1DA32-0AA0	6695.-	3VJ1012-1EA42-0AA0	8710.-
	25kA	20	3VJ1002-3DA22-0AA0	4855.-	3VJ1002-3DA32-0AA0	6370.-	3VJ1002-3EA42-0AA0	8445.-
		25	3VJ1092-3DA22-0AA0	4855.-	3VJ1092-3DA32-0AA0	6370.-	3VJ1092-3EA42-0AA0	8445.-
		32	3VJ1003-3DA22-0AA0	4855.-	3VJ1003-3DA32-0AA0	6370.-	3VJ1003-3EA42-0AA0	8445.-
		40	3VJ1004-3DA22-0AA0	4855.-	3VJ1004-3DA32-0AA0	6370.-	3VJ1004-3EA42-0AA0	8445.-
		50	3VJ1005-3DA22-0AA0	4855.-	3VJ1005-3DA32-0AA0	6370.-	3VJ1005-3EA42-0AA0	8445.-
		63	3VJ1006-3DA22-0AA0	4855.-	3VJ1006-3DA32-0AA0	6370.-	3VJ1006-3EA42-0AA0	8445.-
		80	3VJ1008-3DA22-0AA0	4855.-	3VJ1008-3DA32-0AA0	6370.-	3VJ1008-3EA42-0AA0	8445.-
		100	3VJ1010-3DA22-0AA0	4855.-	3VJ1010-3DA32-0AA0	6370.-	3VJ1010-3EA42-0AA0	8445.-
		125	3VJ1012-3DA22-0AA0	4855.-	3VJ1012-3DA32-0AA0	7275.-	3VJ1012-3EA42-0AA0	9285.-

### Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	9860.-	3VJ1216-3DA32-0AA0	11435.-	3VJ1216-3EA42-0AA0	15045.-
		200	3VJ1220-3DA22-0AA0	9970.-	3VJ1220-3DA32-0AA0	11610.-	3VJ1220-3EA42-0AA0	16515.-
		250	3VJ1225-3DA22-0AA0	10075.-	3VJ1225-3DA32-0AA0	13065.-	3VJ1225-3EA42-0AA0	17205.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-3DA32-0AA0	25885.-	3VJ1332-3EA42-0AA0	33330.-
		400	-	-	3VJ1340-3DA32-0AA0	25885.-	3VJ1340-3EA42-0AA0	33330.-
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DA22-0AA0	7470.-	3VJ1192-5DA32-0AA0	8890.-	3VJ1192-5EA42-0AA0	11745.-
		32	3VJ1103-5DA22-0AA0	7470.-	3VJ1103-5DA32-0AA0	8890.-	3VJ1103-5EA42-0AA0	11745.-
		40	3VJ1104-5DA22-0AA0	7470.-	3VJ1104-5DA32-0AA0	8890.-	3VJ1104-5EA42-0AA0	11745.-
		50	3VJ1105-5DA22-0AA0	7470.-	3VJ1105-5DA32-0AA0	8890.-	3VJ1105-5EA42-0AA0	11745.-
		63	3VJ1106-5DA22-0AA0	7470.-	3VJ1106-5DA32-0AA0	8890.-	3VJ1106-5EA42-0AA0	11745.-
		80	3VJ1108-5DA22-0AA0	7470.-	3VJ1108-5DA32-0AA0	9155.-	3VJ1108-5EA42-0AA0	12105.-
		100	3VJ1110-5DA22-0AA0	7470.-	3VJ1110-5DA32-0AA0	9155.-	3VJ1110-5EA42-0AA0	12105.-
3VJ12 (VJ1 250)		125	3VJ1112-5DA22-0AA0	7470.-	3VJ1112-5DA32-0AA0	10065.-	3VJ1112-5EA42-0AA0	13160.-
		160	3VJ1216-5DA22-0AA0	10405.-	3VJ1216-5DA32-0AA0	12805.-	3VJ1216-5EA42-0AA0	15570.-
		200	3VJ1220-5DA22-0AA0	10955.-	3VJ1220-5DA32-0AA0	15790.-	3VJ1220-5EA42-0AA0	20375.-
3VJ13 (VJ1 400)		250	3VJ1225-5DA22-0AA0	12365.-	3VJ1225-5DA32-0AA0	18145.-	3VJ1225-5EA42-0AA0	23350.-
		320	-	-	3VJ1332-5DA32-0AA0	26530.-	3VJ1332-5EA42-0AA0	33985.-
3VJ14 (VJ1 630) <small>NEW</small>		400	-	-	3VJ1340-5DA32-0AA0	26530.-	3VJ1340-5EA42-0AA0	33985.-
		500	-	-	3VJ1450-5DA32-0AA0	39800.-	3VJ1450-5EA42-0AA0	50975.-
3VJ14 (VJ1 630) <small>NEW</small>		630	-	-	3VJ1463-5DA32-0AA0	39800.-	3VJ1463-5EA42-0AA0	50975.-
		25	3VJ1192-7DA22-0AA0	7865.-	3VJ1192-7DA32-0AA0	11370.-	3VJ1192-7EA42-0AA0	15000.-
3VJ11 (VJ1 125)	55kA	32	3VJ1103-7DA22-0AA0	7865.-	3VJ1103-7DA32-0AA0	11370.-	3VJ1103-7EA42-0AA0	15000.-
		40	3VJ1104-7DA22-0AA0	7865.-	3VJ1104-7DA32-0AA0	11370.-	3VJ1104-7EA42-0AA0	15000.-
		50	3VJ1105-7DA22-0AA0	7865.-	3VJ1105-7DA32-0AA0	11370.-	3VJ1105-7EA42-0AA0	15000.-
		63	3VJ1106-7DA22-0AA0	7865.-	3VJ1106-7DA32-0AA0	11370.-	3VJ1106-7EA42-0AA0	15000.-
		80	3VJ1108-7DA22-0AA0	7865.-	3VJ1108-7DA32-0AA0	11370.-	3VJ1108-7EA42-0AA0	15000.-
		100	3VJ1110-7DA22-0AA0	7865.-	3VJ1110-7DA32-0AA0	11370.-	3VJ1110-7EA42-0AA0	15000.-
3VJ12 (VJ1 250)		125	3VJ1112-7DA22-0AA0	7865.-	3VJ1112-7DA32-0AA0	12515.-	3VJ1112-7EA42-0AA0	16500.-
		160	3VJ1216-7DA22-0AA0	11280.-	3VJ1216-7DA32-0AA0	15835.-	3VJ1216-7EA42-0AA0	20920.-
		200	3VJ1220-7DA22-0AA0	11500.-	3VJ1220-7DA32-0AA0	18210.-	3VJ1220-7EA42-0AA0	24050.-
3VJ13 (VJ1 400)		250	3VJ1225-7DA22-0AA0	12595.-	3VJ1225-7DA32-0AA0	20940.-	3VJ1225-7EA42-0AA0	27660.-
		320	-	-	3VJ1332-7DA32-0AA0	27180.-	3VJ1332-7EA42-0AA0	34955.-
3VJ14 (VJ1 630) <small>NEW</small>		400	-	-	3VJ1340-7DA32-0AA0	27180.-	3VJ1340-7EA42-0AA0	34955.-
		500	-	-	3VJ1450-7DA32-0AA0	40770.-	3VJ1450-7EA42-0AA0	52430.-
3VJ14 (VJ1 630) <small>NEW</small>		630	-	-	3VJ1463-7DA32-0AA0	40770.-	3VJ1463-7EA42-0AA0	52430.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price





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	20	3VJ1002-0DB32-0AA0	4630.-	3VJ1002-0EB42-0AA0	6255.-
		25	3VJ1092-0DB32-0AA0	4630.-	3VJ1092-0EB42-0AA0	6255.-
		32	3VJ1003-0DB32-0AA0	4630.-	3VJ1003-0EB42-0AA0	6255.-
		40	3VJ1004-0DB32-0AA0	4630.-	3VJ1004-0EB42-0AA0	6255.-
		50	3VJ1005-0DB32-0AA0	4630.-	3VJ1005-0EB42-0AA0	6255.-
		63	3VJ1006-0DB32-0AA0	4630.-	3VJ1006-0EB42-0AA0	6255.-
		80	3VJ1008-0DB32-0AA0	4630.-	3VJ1008-0EB42-0AA0	6255.-
		100	3VJ1010-0DB32-0AA0	4630.-	3VJ1010-0EB42-0AA0	6255.-
		125	3VJ1012-0DB32-0AA0	6660.-	3VJ1012-0EB42-0AA0	9395.-
	18kA	20	3VJ1002-1DB32-0AA0	6995.-	3VJ1002-1EB42-0AA0	8985.-
		25	3VJ1092-1DB32-0AA0	6995.-	3VJ1092-1EB42-0AA0	8985.-
		32	3VJ1003-1DB32-0AA0	6995.-	3VJ1003-1EB42-0AA0	8985.-
		40	3VJ1004-1DB32-0AA0	6995.-	3VJ1004-1EB42-0AA0	8985.-
		50	3VJ1005-1DB32-0AA0	6995.-	3VJ1005-1EB42-0AA0	8985.-
		63	3VJ1006-1DB32-0AA0	6995.-	3VJ1006-1EB42-0AA0	8985.-
		80	3VJ1008-1DB32-0AA0	6995.-	3VJ1008-1EB42-0AA0	8985.-
		100	3VJ1010-1DB32-0AA0	6995.-	3VJ1010-1EB42-0AA0	8985.-
		125	3VJ1012-1DB32-0AA0	8025.-	3VJ1012-1EB42-0AA0	10440.-
	25kA	20	3VJ1002-3DB32-0AA0	8040.-	3VJ1002-3EB42-0AA0	10660.-
		25	3VJ1092-3DB32-0AA0	8040.-	3VJ1092-3EB42-0AA0	10660.-
		32	3VJ1003-3DB32-0AA0	8040.-	3VJ1003-3EB42-0AA0	10660.-
		40	3VJ1004-3DB32-0AA0	8040.-	3VJ1004-3EB42-0AA0	10660.-
		50	3VJ1005-3DB32-0AA0	8040.-	3VJ1005-3EB42-0AA0	10660.-
		63	3VJ1006-3DB32-0AA0	8040.-	3VJ1006-3EB42-0AA0	10660.-
		80	3VJ1008-3DB32-0AA0	8040.-	3VJ1008-3EB42-0AA0	10660.-
		100	3VJ1010-3DB32-0AA0	8040.-	3VJ1010-3EB42-0AA0	10660.-
		125	3VJ1012-3DB32-0AA0	9175.-	3VJ1012-3EB42-0AA0	11720.-

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

Circuit Breakers



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	12895.-	3VJ1216-3EB42-0AA0	15690.-
		200	3VJ1220-3DB32-0AA0	13920.-	3VJ1220-3EB42-0AA0	17520.-
		250	3VJ1225-3DB32-0AA0	15670.-	3VJ1225-3EB42-0AA0	20630.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	29315.-	3VJ1332-3EB42-0AA0	37755.-
		400	3VJ1340-3DB32-0AA0	29315.-	3VJ1340-3EB42-0AA0	37755.-
		3VJ11 (VJ1 125)	25	3VJ1192-5DB32-0AA0	10660.-	3VJ1192-5EB42-0AA0
32	3VJ1103-5DB32-0AA0		10660.-	3VJ1103-5EB42-0AA0	14080.-	
40	3VJ1104-5DB32-0AA0		10660.-	3VJ1104-5EB42-0AA0	14080.-	
50	3VJ1105-5DB32-0AA0		10660.-	3VJ1105-5EB42-0AA0	14080.-	
63	3VJ1106-5DB32-0AA0		10660.-	3VJ1106-5EB42-0AA0	14080.-	
80	3VJ1108-5DB32-0AA0		10660.-	3VJ1108-5EB42-0AA0	14080.-	
100	3VJ1110-5DB32-0AA0		10660.-	3VJ1110-5EB42-0AA0	14080.-	
125	3VJ1112-5DB32-0AA0		12070.-	3VJ1112-5EB42-0AA0	15310.-	
3VJ12 (VJ1 250)	160		3VJ1216-5DB32-0AA0	14625.-	3VJ1216-5EB42-0AA0	17780.-
	200		3VJ1220-5DB32-0AA0	18930.-	3VJ1220-5EB42-0AA0	24435.-
	250	3VJ1225-5DB32-0AA0	21765.-	3VJ1225-5EB42-0AA0	28005.-	
3VJ13 (VJ1 400)	320	3VJ1332-5DB32-0AA0	30050.-	3VJ1332-5EB42-0AA0	38490.-	
	400	3VJ1340-5DB32-0AA0	30050.-	3VJ1340-5EB42-0AA0	38490.-	
3VJ14 (VJ1 630) <b>NEW</b>	500	3VJ1450-5DB32-0AA0	45075.-	3VJ1450-5EB42-0AA0	57735.-	
	630	3VJ1463-5DB32-0AA0	45075.-	3VJ1463-5EB42-0AA0	57735.-	
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DB32-0AA0	12880.-	3VJ1192-7EB42-0AA0	16985.-
		32	3VJ1103-7DB32-0AA0	12880.-	3VJ1103-7EB42-0AA0	16985.-
		40	3VJ1104-7DB32-0AA0	12880.-	3VJ1104-7EB42-0AA0	16985.-
		50	3VJ1105-7DB32-0AA0	12880.-	3VJ1105-7EB42-0AA0	16985.-
		63	3VJ1106-7DB32-0AA0	12880.-	3VJ1106-7EB42-0AA0	16985.-
		80	3VJ1108-7DB32-0AA0	12880.-	3VJ1108-7EB42-0AA0	16985.-
		100	3VJ1110-7DB32-0AA0	12880.-	3VJ1110-7EB42-0AA0	16985.-
125		3VJ1112-7DB32-0AA0	14170.-	3VJ1112-7EB42-0AA0	18690.-	
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	16955.-	3VJ1216-7EB42-0AA0	22395.-
		200	3VJ1220-7DB32-0AA0	19500.-	3VJ1220-7EB42-0AA0	25745.-
		250	3VJ1225-7DB32-0AA0	22415.-	3VJ1225-7EB42-0AA0	29610.-
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	30790.-	3VJ1332-7EB42-0AA0	39590.-
		400	3VJ1340-7DB32-0AA0	30790.-	3VJ1340-7EB42-0AA0	39590.-
3VJ14 (VJ1 630) <b>NEW</b>		500	3VJ1450-7DB32-0AA0	46180.-	3VJ1450-7EB42-0AA0	59385.-
	630	3VJ1463-7DB32-0AA0	46180.-	3VJ1463-7EB42-0AA0	59385.-	

Notes: Phase barriers are included in the standard MCCB packing

#### Earth Fault Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth fault monitoring relay	7UG0861-1BU20	5,805
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P: 7UG0991-0 4P: 7UG0991-1	2005.- 2285.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P: 7UG0991-1 4P: 7UG0991-1	2420.- 2850.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P: 7UG0991-2 4P: 7UG0991-3	3565.- 3855.-

#### Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC: 7UG0841-1CB20	5615.-
	230VAC: 7UG0842-1CD20	5670.-
CBCT for ELR	35 mm dia: 7UG0996	2045.-
	70 mm dia: 7UG0997	2335.-
	120 mm dia: 7UG0999	3975.-
	210 mm dia: 7UG0994	7650.-
	310 mm dia: 7UG0995	11400.-

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

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price

LP = List Price

## 3VJ Internal accessories

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1595.-	3VJ9218-0AN11	1650.-	3VJ9218-0AN11	1650.-	3VJ9417-0AN11	1705.-
	Right	-	-	3VJ9218-0AN21	1650.-	3VJ9218-0AN21	1650.-	3VJ9417-0AN21	1705.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1595.-	3VJ9118-0AA11	1595.-	3VJ9218-0AA11	1650.-	3VJ9417-0AA11	1705.-
	Right	-	-	3VJ9118-0AA21	1595.-	3VJ9218-0AA21	1650.-	3VJ9417-0AA21	1705.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2590.-	3VJ9118-0AD11	2590.-	3VJ9218-0AD11	2715.-	3VJ9417-0AD11	2945.-
	Right	-	-	3VJ9118-0AD21	2590.-	3VJ9218-0AD21	2715.-	3VJ9417-0AD21	2945.-
Shunt Trip (Right) (ST)	24V DC	-	-	3VJ9218-0ST11	3300.-	3VJ9218-0ST11	3300.-	-	-
	24V AC/DC	-	-	-	-	-	-	3VJ9417-0ST21	3535.-
	48V DC	-	-	3VJ9218-0ST12	3300.-	3VJ9218-0ST12	3300.-	-	-
	48V AC/DC	-	-	-	-	-	-	3VJ9417-0ST22	3535.-
	110V DC	3VJ9018-0ST15	2400.-	3VJ9218-0ST15	3300.-	3VJ9218-0ST15	3300.-	-	-
	110V AC/DC	-	-	-	-	-	-	3VJ9417-0ST25	3535.-
	110V AC	3VJ9018-0ST35	2400.-	3VJ9218-0ST35	3420.-	3VJ9218-0ST35	3420.-	-	-
	220V AC	3VJ9018-0ST36	2600.-	3VJ9218-0ST36	3535.-	3VJ9218-0ST36	3535.-	3VJ9417-0ST36	3890.-
Undervoltage Release (Left) (UVR)	415V AC	3VJ9018-0ST37	2600.-	3VJ9218-0ST37	3535.-	3VJ9218-0ST37	3535.-	3VJ9417-0ST37	3890.-
	24V DC	-	-	3VJ9218-0UV11	4715.-	3VJ9218-0UV11	4715.-	-	-
	48V DC	-	-	3VJ9218-0UV12	4715.-	3VJ9218-0UV12	4715.-	-	-
	220V AC	-	-	3VJ9218-0UV36	4950.-	3VJ9218-0UV36	4950.-	3VJ9417-0UV36	11795.-
415V AC	-	-	3VJ9218-0UV37	5305.-	3VJ9218-0UV37	5305.-	3VJ9417-0UV37	11795.-	

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

## 3VJ External accessories

Frame Size	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Extended Door Mounted Rotary Operator (including 8UC handle)@	-	3VJ9018-0HD11	2390.-	3VJ9118-0HD11	2570.-	3VJ9218-0HD11	3010.-	3VJ9417-0HD11	3800.-	3VJ9417-0HD11	3800.-
Spreader Links^	2P	3VJ9012-0ED00	210.-	3VJ9112-0ED00	235.-	3VJ9212-0ED00	710.-	-	-	-	-
	3P	3VJ9013-0ED00	355.-	3VJ9113-0ED00	375.-	3VJ9213-0ED00	1150.-	3VJ9313-0ED00	2005.-	3VJ9413-0ED00 <b>NEW</b>	2405.-
	4P	3VJ9014-0ED00	465.-	3VJ9114-0ED00	490.-	3VJ9214-0ED00	1495.-	3VJ9314-0ED00	2830.-	3VJ9414-0ED00 <b>NEW</b>	3395.-
Phase Barriers#		3VJ9018-0CA00	165.-	3VJ9218-0CA00	260.-	3VJ9218-0CA00	260.-	3VJ9417-0CA00	285.-	3VJ9417-0CA00	285.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	380.-	3VJ9116-0CJ30	450.-	3VJ9216-0CJ30	650.-	3VJ9413-0CJ30	810.-	3VJ9413-0CJ30	810.-
	4P	3VJ9014-0CJ40	535.-	3VJ9114-0CJ40	570.-	3VJ9214-0CJ40	760.-	3VJ9414-0CJ40	995.-	3VJ9414-0CJ40	995.-
Toogle handle extension	-	-	-	-	-	-	-	3VJ9417-0DH10	645.-	3VJ9417-0DH10	645.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	-	8UC60701YQ..	5925.-	8UC60701YQ..	5925.-	8UC60701YQ..	5925.-	8UC60702YQ..	6085.-	8UC60702YQ..	6085.-
SS Enclosures <b>NEW</b>	2P/3P	3VJ9016-0DE11	2665.-	3VJ9116-0DE11	2665.-	3VJ9216-0DE12	5845.-	-	-	-	-
	4P	3VJ9014-0DE11	2665.-	3VJ9114-0DE11	2665.-	3VJ9214-0DE12	5845.-	-	-	-	-

## 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)

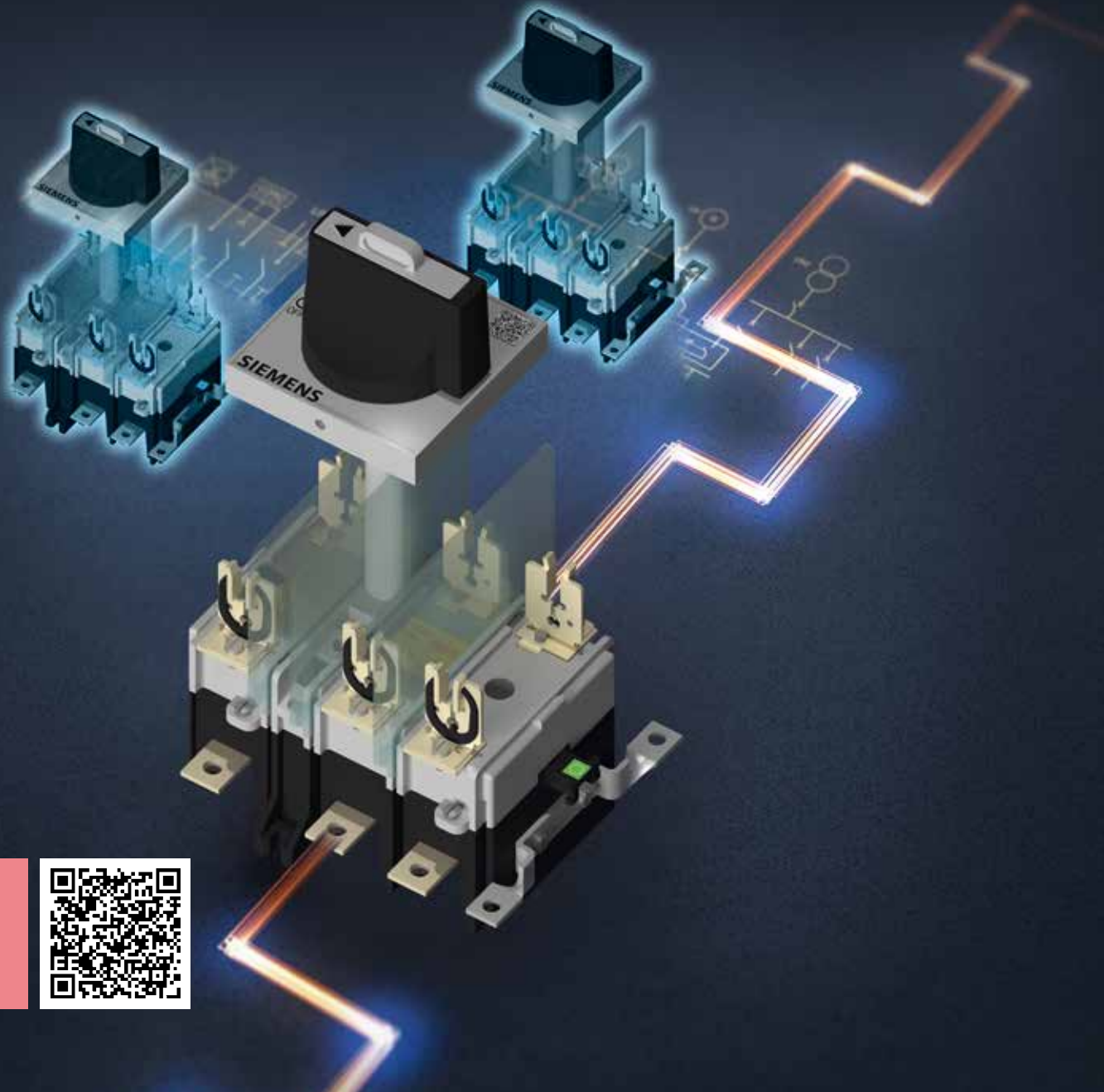
Toogle handle extension is included in the standard packing of 3VJ13 (VJ1 400) MCCB.

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

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price





## SUPERSWITCH

# Switch Disconnecter Fuse - **3KL8**

**Safe. Reliable. Efficient.**

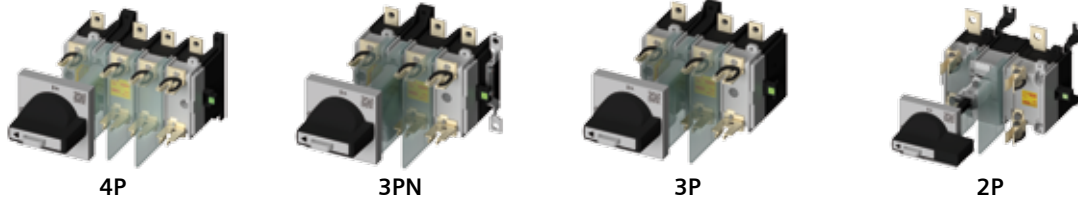
- Compliant with IS/ IEC 60947-3
- 2-pole to 4-pole versions up to 800A at 690V AC
- COMPACT 2-pole and TRUE 4-pole versions
- DIN/ BS/ Cylindrical fuse type versions
- With Enclosure option
- AC-23A for the complete range
- Type 2 co-ordination chart for DOL and Star Delta feeders

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

**SIEMENS**

# Superswitch 3KL8

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



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

Rated current I <sub>e</sub> @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-4TA00	3340.-	3KL8111-4TJ00	3395.-	3KL8111-4TC00	3465.-	1
32A	3KL8121-4TA00	3455.-	3KL8121-4TJ00	3720.-	3KL8121-4TC00	3745.-	1
63A	3KL8151-4TA00	4650.-	3KL8151-4TJ00	4715.-	3KL8151-4TC00	4910.-	1
100A	3KL8171-4TA00	6980.-	-	-	-	-	1
100A	3KL8211-4TA00	10025.-	3KL8211-4TJ00	10935.-	-	-	1
125A	3KL8221-4TA00	12290.-	3KL8221-4TJ00	13020.-	-	-	1
160A	3KL8231-4TA00	13640.-	3KL8231-4TJ00	15820.-	-	-	1
200A	3KL8311-4UA00	19570.-	3KL8311-4UJ00	20545.-	-	-	1
250A	3KL8321-4UA00	22805.-	3KL8321-4UJ00	24350.-	-	-	1
315A	3KL8331-4UA00	27450.-	3KL8331-4UJ00	30045.-	-	-	1
400A	3KL8341-4UA00	30205.-	3KL8341-4UJ00	34710.-	-	-	1
500A	3KL8411-4UA00	49050.-	3KL8411-4UJ00	55950.-	-	-	1
630A	3KL8421-4UA00	50855.-	3KL8421-4UJ00	57975.-	-	-	1
800A <sup>§</sup>	3KL8431-4UA00	60110.-	3KL8431-4UJ00	62815.-	-	-	1

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

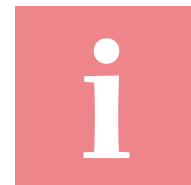
Rated current I <sub>e</sub> @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-5TA00	2965.-	3KL8111-5TJ00	2975.-	3KL8111-5TC00	2985.-	1
32A	3KL8121-5TA00	3015.-	3KL8121-5TJ00	3030.-	3KL8121-5TC00	3055.-	1
63A	3KL8151-5TA00	4045.-	3KL8151-5TJ00	4125.-	3KL8151-5TC00	4165.-	1
100A	3KL8171-5TA00	5790.-	-	-	-	-	1
100A	3KL8211-5TA00	8060.-	3KL8211-5TJ00	8135.-	-	-	1
125A	3KL8221-5TA00	10375.-	3KL8221-5TJ00	10425.-	-	-	1
160A	3KL8231-5TA00	11110.-	3KL8231-5TJ00	11160.-	-	-	1
200A	3KL8311-5UA00	15245.-	3KL8311-5UJ00	15705.-	-	-	1
250A	3KL8321-5UA00	17315.-	3KL8321-5UJ00	17790.-	-	-	1
315A	3KL8331-5UA00	20620.-	3KL8331-5UJ00	20960.-	-	-	1
400A	3KL8341-5UA00	24850.-	3KL8341-5UJ00	25215.-	-	-	1
500A	3KL8411-5UA00	39965.-	3KL8411-5UJ00	40885.-	-	-	1
630A	3KL8421-5UA00	42095.-	3KL8421-5UJ00	44280.-	-	-	1
800A <sup>§</sup>	3KL8431-5UA00	44885.-	3KL8431-5UJ00	47980.-	-	-	1

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

Rated current I <sub>e</sub> @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	2875.-	1
32A	3KL8121-1TA00	2935.-	1
63A	3KL8151-1TA00	3975.-	1
100A	3KL8211-1TA00	7920.-	1
125A	3KL8221-1TA00	10070.-	1
160A	3KL8231-1TA00	10885.-	1
200A	3KL8311-1UA00	14770.-	1
250A	3KL8321-1UA00	17220.-	1
315A	3KL8331-1UA00	20310.-	1
400A	3KL8341-1UA00	24455.-	1
500A	3KL8411-1UA00	39355.-	1
630A	3KL8421-1UA00	41830.-	1
800A <sup>§</sup>	3KL8431-1UA00	44610.-	1

Std. Pkg. = 1 unit

\* MRP - Maximum Retail Price



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

Notes:

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

3KL8: Unit MRPs are without fuses

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

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

Refer the OM for changes in dimension

# Superswitch 3KL8

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

Rated current I <sub>e</sub> @690V 50Hz	SDF suitable for DIN type HRC fuses	Unit MRP* ₹	SDF suitable for BS type HRC fuses	Unit MRP* ₹	SDF suitable for Cylindrical type HRC fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A <sup>®</sup>	3KL8111-2TA00	2685.-	-	-	3KL8111-2TC00	2730.-	1
32A <sup>®</sup>	3KL8121-2TA00	2730.-	-	-	3KL8121-2TC00	2855.-	1
63A <sup>®</sup>	3KL8151-2TA00	3555.-	-	-	3KL8151-2TC00	3590.-	1
100A <sup>®</sup>	3KL8171-2TA00	5500.-	-	-	-	-	1
100A	3KL8211-2TA00	7575.-	3KL8211-2TJ00	7745.-	-	-	1
125A	3KL8221-2TA00	8775.-	3KL8221-2TJ00	9560.-	-	-	1
160A	3KL8231-2TA00	9125.-	3KL8231-2TJ00	10295.-	-	-	1
200A	3KL8311-2UA00	13265.-	3KL8311-2UJ00	14500.-	-	-	1
250A	3KL8321-2UA00	14450.-	3KL8321-2UJ00	16010.-	-	-	1
315A	3KL8331-2UA00	17575.-	3KL8331-2UJ00	18650.-	-	-	1
400A	3KL8341-2UA00	20950.-	3KL8341-2UJ00	22020.-	-	-	1
500A	3KL8411-2UA00	33070.-	3KL8411-2UJ00	38505.-	-	-	1
630A	3KL8421-2UA00	33830.-	3KL8421-2UJ00	39070.-	-	-	1
800A <sup>§</sup>	3KL8431-2UA00	44005.-	3KL8431-2UJ00	44145.-	-	-	1



## Switch disconnecter fuse in SS<sup>^</sup> Enclosure (factory fitted)<sup>1)</sup>

Rated current I <sub>e</sub> @690V 50Hz	Suitable fuse type	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	6200.-	3KL8111-4TA10	7145.-	1
	BS	3KL8111-5TJ10	6250.-	3KL8111-4TJ10	7160.-	1
	CYL	3KL8111-5TC10	6290.-	3KL8111-4TC10	7220.-	1
32A	DIN	3KL8121-5TA10	6630.-	3KL8121-4TA10	7370.-	1
	BS	3KL8121-5TJ10	6650.-	3KL8121-4TJ10	7455.-	1
	CYL	3KL8121-5TC10	6685.-	3KL8121-4TC10	7480.-	1
63A	DIN	3KL8151-5TA10	7365.-	3KL8151-4TA10	8690.-	1
	BS	3KL8151-5TJ10	7390.-	3KL8151-4TJ10	8910.-	1
	CYL	3KL8151-5TC10	7450.-	3KL8151-4TC10	8940.-	1
100A	DIN	3KL8211-5TA10	11805.-	3KL8211-4TA10	14000.-	1
	BS	3KL8211-5TJ10	12150.-	3KL8211-4TJ10	14135.-	1
125A	DIN	3KL8221-5TA10	13995.-	3KL8221-4TA10	16860.-	1
	BS	3KL8221-5TJ10	14100.-	3KL8221-4TJ10	17390.-	1
160A	DIN	3KL8231-5TA10	15015.-	3KL8231-4TA10	18535.-	1
	BS	3KL8231-5TJ10	15130.-	3KL8231-4TJ10	18655.-	1
200A	DIN	3KL8311-5UA10	21650.-	3KL8311-4UA10	30255.-	1
	BS	3KL8311-5UJ10	21815.-	3KL8311-4UJ10	30950.-	1
250A	DIN	3KL8321-5UA10	24545.-	3KL8321-4UA10	32215.-	1
	BS	3KL8321-5UJ10	24715.-	3KL8321-4UJ10	32440.-	1
315A	DIN	3KL8331-5UA10	29200.-	3KL8331-4UA10	38345.-	1
	BS	3KL8331-5UJ10	29360.-	3KL8331-4UJ10	38540.-	1
400A	DIN	3KL8341-5UA10	33680.-	3KL8341-4UA10	42995.-	1
	BS	3KL8341-5UJ10	34110.-	3KL8341-4UJ10	43180.-	1
500A	DIN	3KL8411-5UA10	50150.-	3KL8411-4UA10	63235.-	1
	BS	3KL8411-5UJ10	50300.-	3KL8411-4UJ10	63920.-	1
630A	DIN	3KL8421-5UA10	52795.-	3KL8421-4UA10	67150.-	1
	BS	3KL8421-5UJ10	52950.-	3KL8421-4UJ10	67350.-	1
800A <sup>§</sup>	DIN	3KL8431-5UA10	56680.-	3KL8431-4UA10	72095.-	1
	BS	3KL8431-5UJ10	56825.-	3KL8431-4UJ10	72285.-	1



## SS<sup>^</sup> Enclosure for 3KL8/ 3KA8

Rated current I <sub>e</sub> @690V 50Hz	Enclosure type	Unit MRP* ₹	Std. pkg. (nos.)
20A-160A	3KX8235-4AC	4385.-	1
200A-400A	3KX8345-4AC	5835.-	1
500A-800A	3KX8435-4AC <sup>1)</sup>	9565.-	1
200A-800A	3KX8435-4AG <sup>#2)</sup> <b>NEW</b>	16430.-	1

@ In 3P housing

^ SS stands for Sheet Steel

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

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

^ SS stands for Sheet Steel

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

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

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

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

Notes:

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

3KL8: Unit MRPs are without fuses

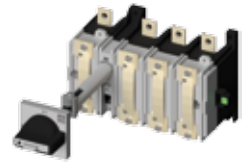
3KL8: Unit MRPs are inclusive of Front drive (Handle) and phase barriers

Refer the brochure for fuse selection guide

Refer the OM for changes in dimension



# Superswitch 3KA8



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

Rated current I <sub>n</sub> @690V 50Hz	2P	Unit MRP* ₹	3PN	Unit MRP* ₹	4P	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-2TE00 <sup>9</sup>	3010.-	3KA8151-5TE00	3625.-	3KA8151-4TE00	5160.-	1
100A	-	-	3KA8171-5TE00	5645.-	3KA8171-4TE00	10380.-	1
100A	3KA8211-2TE00	5270.-	3KA8211-5TE00	7180.-	3KA8211-4TE00	12005.-	1
125A	3KA8221-2TE00	6615.-	3KA8221-5TE00	8240.-	3KA8221-4TE00	12895.-	1
160A	3KA8231-2TE00	8810.-	3KA8231-5TE00	10725.-	3KA8231-4TE00	16245.-	1
200A	3KA8311-2UE00	11205.-	3KA8311-5UE00	13850.-	3KA8311-4UE00	18855.-	1
250A	3KA8321-2UE00	12260.-	3KA8321-5UE00	14625.-	3KA8321-4UE00	23160.-	1
400A	3KA8341-2UE00	17010.-	3KA8341-5UE00	21625.-	3KA8341-4UE00	31565.-	1
630A <sup>5</sup>	3KA842□-2UE00	27280.-	3KA842□-5UE00	34325.-	3KA842□-4UE00	45190.-	1
800A <sup>5</sup>	3KA843□-2UE00	28465.-	3KA843□-5UE00	35425.-	3KA843□-4UE00	51855.-	1
1000A <sup>5</sup>	3KA844□-2UE00	38090.-	3KA844□-5UE00	50885.-	3KA844□-4UE00	63900.-	1
1250A <sup>5</sup>	3KA845□-2UE00	50085.-	3KA845□-5UE00	66010.-	3KA845□-4UE00	76820.-	1
1600A <sup>5</sup>	3KA846□-2UE00	57765.-	3KA846□-5UE00	73060.-	3KA846□-4UE00	103460.-	1

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

@ In 3P housing

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

Notes:

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

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

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

Refer the OIS for changes in dimension

## Accessories for Superswitch 3KL8 / 3KA8

Description	Pole	Fuse type	3KL81 11/21/51/71 3KA81 51/71	Unit MRP* ₹	3KL82 11/21/31 3KA82 11/21/31	Unit MRP* ₹	3KL83 11/21/31/41 3KA83 11/21/41	Unit MRP* ₹	3KL84 11/21/31 3KA84 2/3/4/5/6	Unit MRP* ₹	Std. pkg. (nos.)				
Fuse cover <sup>2)</sup>	2P	DIN	3KX8150-0AE <sup>5)</sup>	290.-	3KX8230-0JF	700.-	3KX8340-0AF	1025.-	3KX8430-0JF	1450.-	1				
		BS			3KX8230-0HF	700.-			3KX8430-0HF	1450.-	1				
	3P	DIN			3KX8230-0JE	700.-			3KX8340-0AE	1025.-	3KX8430-0JE	1450.-	1		
		BS			3KX8230-0HE	700.-					3KX8430-0HE	1450.-	1		
	4P	DIN			3KX8230-0JG	700.-					3KX8340-0AG	1025.-	3KX8430-0JG	1450.-	1
		BS			3KX8230-0HG	700.-							3KX8430-0HG	1450.-	1
Terminal cover (1set = 2pieces)	2P	-	3KX8151-0AE	140.-	3KX8231-0AF	590.-	3KX8341-0AF	1120.-					3KX8431-0AF	1310.-	1
	3P	-			3KX8231-0AE	590.-							3KX8341-0AE	1120.-	3KX8431-0AE
	4P	-			3KX8231-0AG	590.-			3KX8341-0AG	1120.-			3KX8431-0AG	1310.-	1
Phase barrier	-	DIN/ BS/ Cylindrical	3KX8153-0AE	55.-	3KX8153-0AE (DIN)	55.-	3KX8343-0AE	180.-	3KX8433-0AE	270.-			1		
					3KX8233-0JE (BS)	55.-					1				
Fuse cover phase barrier kit <sup>3)</sup>	-	-	-	-	-	-	3KX8340-9AE	570.-	3KX8440-9AE	570.-	1				
Auxiliary switch (1NO+1NC)	-	-	3SB5400-0A* <sup>4)</sup>	230.-	3KX3522-1YC	900.-	3KX3552-1YC	1085.-	3KX3582-1YC	1310.-	1				
Auxiliary switch (2NO+2NC)	-	-	-	-	3KX3522-1YD	1625.-	3KX3552-1YD	2350.-	3KX3582-1YD	2540.-	1				
Auxiliary switch cover	-	-	3KX8154-0AC	100.-	3KX8234-0AC	100.-	-	-	-	-	1				
Front drive (Handle)	-	-	8UC6114-1BB00	1135.-	8UC6214-1BB00	1285.-	8UC6314-1BB00	1940.-	8UC6414-1BB00	2830.-	1				
Operating shaft (300mm)	-	-	8UC60-31	315.-	8UC60-32	380.-	8UC60-34	735.-	8UC60-34	735.-	1				
Castell interlock <sup>1)</sup> ^	-	-	8UC6070-0YQ..	5925.-	8UC6070-1YQ..	5925.-	8UC6070-2YQ..	6085.-	8UC6070-2YQ..	6085.-	1				
Depth setting template	-	-	8UC6046-2	60.-	8UC6046-2	60.-	8UC6046-2	60.-	8UC6046-2	60.-	1				
Fuse Monitor with auxiliary switch <sup>^</sup> (1NO+1NC)	-	-	3RV1611-0BD10	9410.-	3RV1611-0BD10	9410.-	3RV1611-0BD10	9410.-	3RV1611-0BD10	9410.-	1				
			3RV2901-1E	1225.-	3RV2901-1E	1225.-	3RV2901-1E	1225.-	3RV2901-1E	1225.-	1				
Fuse safety barrier	-	-	3KX8150-1AC	150.-	3KX8230-1AC	200.-	-	-	-	-	1				
Gland box with gland plate (1no.)	-	-	3KX8235-4DC	5085.-	3KX8235-4DC	5085.-	3KX8345-4DC	7020.-	3KX8435-4DC	10695.-	1				
									3KX8435-4DG <sup>4)</sup>	17500.-	1				
Gland plate	-	-	3KX8235-4GC	1075.-	3KX8235-4GC	1075.-	3KX8345-4GC	1400.-	3KX8435-4GC	1550.-	1				
									3KX8435-4GG <sup>4)</sup>	1570.-	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.

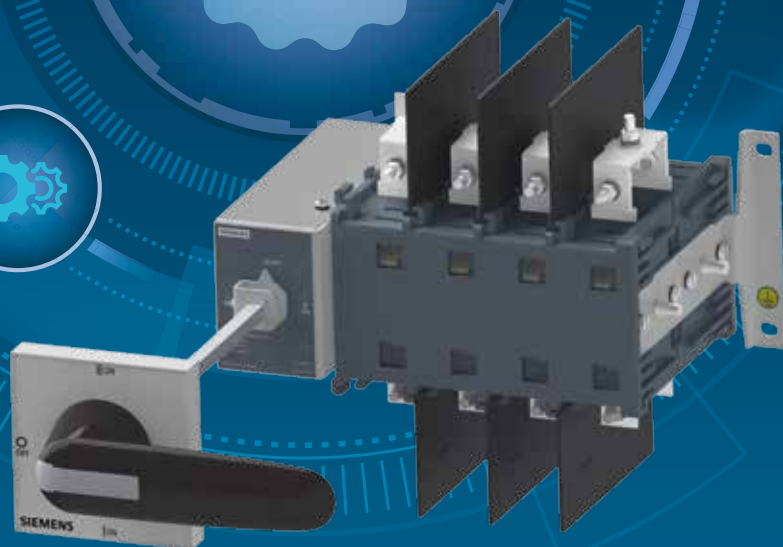
2) Additionally order: Phase barrier 2nos. with Fuse cover for 20A-160A SDF and "Fuse cover phase barrier kit" with Fuse cover for 200A - 800A SDF

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



**SINOVA**

# On Load Changeover Switches – 3KJ

## Simply Efficient

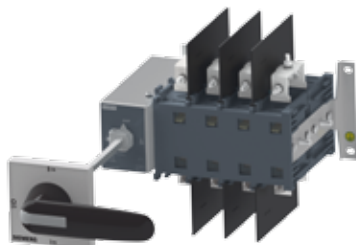
- Compliant with IS/IEC60947-3
- 4-pole modular switches up to 3150A in open and enclosed versions
- Stable I-O-II positions with safe switching
- Suitable for Positive isolation
- Built-in bridging bars and phase barriers
- Wide portfolio of accessories and spares

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**SIEMENS**

## Manual On Load Changeover Switch 3KJ

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



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

Series	Size	Rated current Ie @415V 50/60Hz	MCOS in Open execution	Unit MRP* ₹	MCOS in Enclosed execution	Unit MRP* ₹	Std. pkg. (nos.)
3KJ1#	1	63	3KJ1126-4AA20-0AA0	6775.-	3KJ1126-4AA20-1AA0	13400.-	1
		100	3KJ1130-4AA20-0AA0	9015.-	3KJ1130-4AA20-1AA0	15745.-	1
3KJ0	1	125	3KJ0132-4AA20-0AA0	13495.-	3KJ0132-4AA20-1AA0	18345.-	1
		160	3KJ0134-4AA20-0AA0	14830.-	3KJ0134-4AA20-1AA0	21005.-	1
	2	200	3KJ0236-4AA20-0AA0	18890.-	3KJ0236-4AA20-1AA0	24300.-	1
		250	3KJ0238-4AA20-0AA0	23110.-	3KJ0238-4AA20-1AA0	30195.-	1
		315	3KJ0240-4AA20-0AA0	30280.-	3KJ0240-4AA20-1AA0	36910.-	1
		400	3KJ0242-4AA20-0AA0	43955.-	3KJ0242-4AA20-1AA0	54870.-	1
	3	630	3KJ0346-4AA20-0AA0	52275.-	3KJ0346-4AA20-1AA0	63175.-	1
		800	3KJ0348-4AA20-0AA0	75825.-	3KJ0348-4AA20-1AA0	90860.-	1
	4	1000	3KJ0450-4AA30-0AA0	142805.-	3KJ0450-4AA30-1AA0	157040.-	1
		1250	3KJ0452-4AA30-0AA0	175995.-	3KJ0452-4AA30-1AA0	202815.-	1
		1600	3KJ0454-4AA30-0AA0	224360.-	3KJ0454-4AA30-1AA0	273530.-	1
	5	2000	3KJ0556-4AA30-0AA0	345380.-	3KJ0556-4AA30-1AA0	377015.-	1
		2500	3KJ0558-4AA30-0AA0	442810.-	3KJ0558-4AA30-1AA0	482415.-	1
		3150	3KJ0560-4AA30-0AA0	569375.-	3KJ0560-4AA30-1AA0	653895.-	1

#### Notes:

3KJ On Load Changeover Switch is switch disconnecter type

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

# Non-Modular construction

POR: Price On Request

Refer the operating instruction sheet for complete dimensional details

Std. Pkg. = 1 unit

\* MRP - Max. Retail Price



# Manual On Load Changeover Switch 3KJ



Auxiliary switch

Gland box

## Accessories and spares

Accessory	Description	3KJ11	Unit MRP* ₹	3KJ01	Unit MRP* ₹	3KJ02	Unit MRP* ₹	Std.pkg. (nos.)
Auxiliary switch <sup>1)</sup>	1CO	3KJ9101-1AB00	680.-					1
	2CO	3KJ9101-1AD00	1355.-					1
	1NO+1NC			3KJ9001-1AB00	1755.-	3KJ9001-5AB00	3560.-	1
	2NO+2NC			3KJ9001-1AD00	6125.-	3KJ9001-5AD00	13300.-	1
Gland box <sup>2)</sup>	With one gland plate			3KJ9013-1MA00	3655.-	3KJ9013-2MB00	8265.-	1
Spare Phase barrier		3KJ9103-1CA00	45.-	3KJ9003-1CA00	65.-	3KJ9003-3CA00	100.-	1
Spare Front drive (Handle)	Plastic	3KJ9106-1FT00	640.-	3KJ9006-2FT00	640.-	3KJ9006-2FT00	640.-	1
Spare Shaft		3KJ9107-1GA00	215.-	3KJ9007-2GA00	215.-	3KJ9007-2GA00	215.-	1
Spare pole <sup>3)</sup>				125A	POR	200A	POR	1
				3KJ9008-1HC00		3KJ9008-2HE00		1
				160A		250A		1
				3KJ9008-1HD00		3KJ9008-2HF00		1
						315A		1
Spare Bridging bar	Load side connection	63A,100A 3KJ9102-1BA00	POR	125A,160A 3KJ9002-1BB00	POR	200A	POR	1
				250A,315A 3KJ9002-2BC00		1		
				400A 3KJ9002-2BD00		1		
				400A 3KJ9002-2BE00		1		

Accessory	Description	3KJ03	Unit MRP* ₹	3KJ04	Unit MRP* ₹	3KJ05	Unit MRP* ₹	Std.pkg. (nos.)		
Auxiliary Switch <sup>1)</sup>	1NO+1NC	3KJ9001-5AB00	3560.-	3KJ9001-5AB00	3560.-	3KJ9001-5AB00	3560.-	1		
	2NO+2NC	3KJ9001-5AD00	13300.-	3KJ9001-5AD00	13300.-	3KJ9001-5AD00	13300.-	1		
Gland box <sup>2)</sup>	With one gland plate	3KJ9013-3MC00	12720.-					1		
Spare Phase barrier	Lower side	3KJ9003-3CA00	100.-	3KJ9003-4CA00	360.-			1		
	Front side					3KJ9003-5CA10	360.-	1		
Spare Front drive (Handle)	Plastic	3KJ9006-3FT00	730.-			3KJ9003-5CA20	390.-	1		
	Metallic			3KJ9006-4FM00	2110.-	3KJ9006-5FM00	2265.-	1		
Spare Shaft		3KJ9007-4GA00	460.-	3KJ9007-4GA00	460.-	3KJ9007-5GA00	460.-	1		
Spare pole <sup>3)</sup>			POR	1000A	POR	2000A	POR	1		
				3KJ9008-3HJ00		3KJ9008-4HL00		3KJ9008-4HL00	1	
				800A		1250A		2500A	1	
				3KJ9008-3HK00		3KJ9008-4HM00		3KJ9008-4HM00	1	
Spare Extended link				1600A	POR	3150A	POR	1		
				3KJ9008-4HN00		3KJ9008-4HN00		1		
				1000A		3KJ9012-4LA00		1		
				1250A		3KJ9012-4LB00		1		
Spare Bridging bar	Load side connection	630A 3KJ9002-3BF00	POR	1000A	POR	2000A	POR	1		
				3KJ9002-4BH00		3KJ9002-5BL20		3KJ9002-5BL30	1	
				800A 3KJ9002-3BG00		1250A		2500A	1	
				3KJ9002-4BJ00		3KJ9002-4BK10		3KJ9002-4BK20	1	
	Line side connection				1600A	POR	3150A	POR	1	
					3KJ9002-4BK10		3KJ9002-5BN30		3KJ9002-5BN40	1
					3KJ9002-4BK20		3KJ9002-5BN50		3KJ9002-5BN50	1
							2000A		3KJ9002-5BL10	1
	2500A	3KJ9002-5BM10	1							
	3150A	3KJ9002-5BN10	1							
	3KJ9002-5BN20	3KJ9002-5BN20	1							

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

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

Load Break Switches



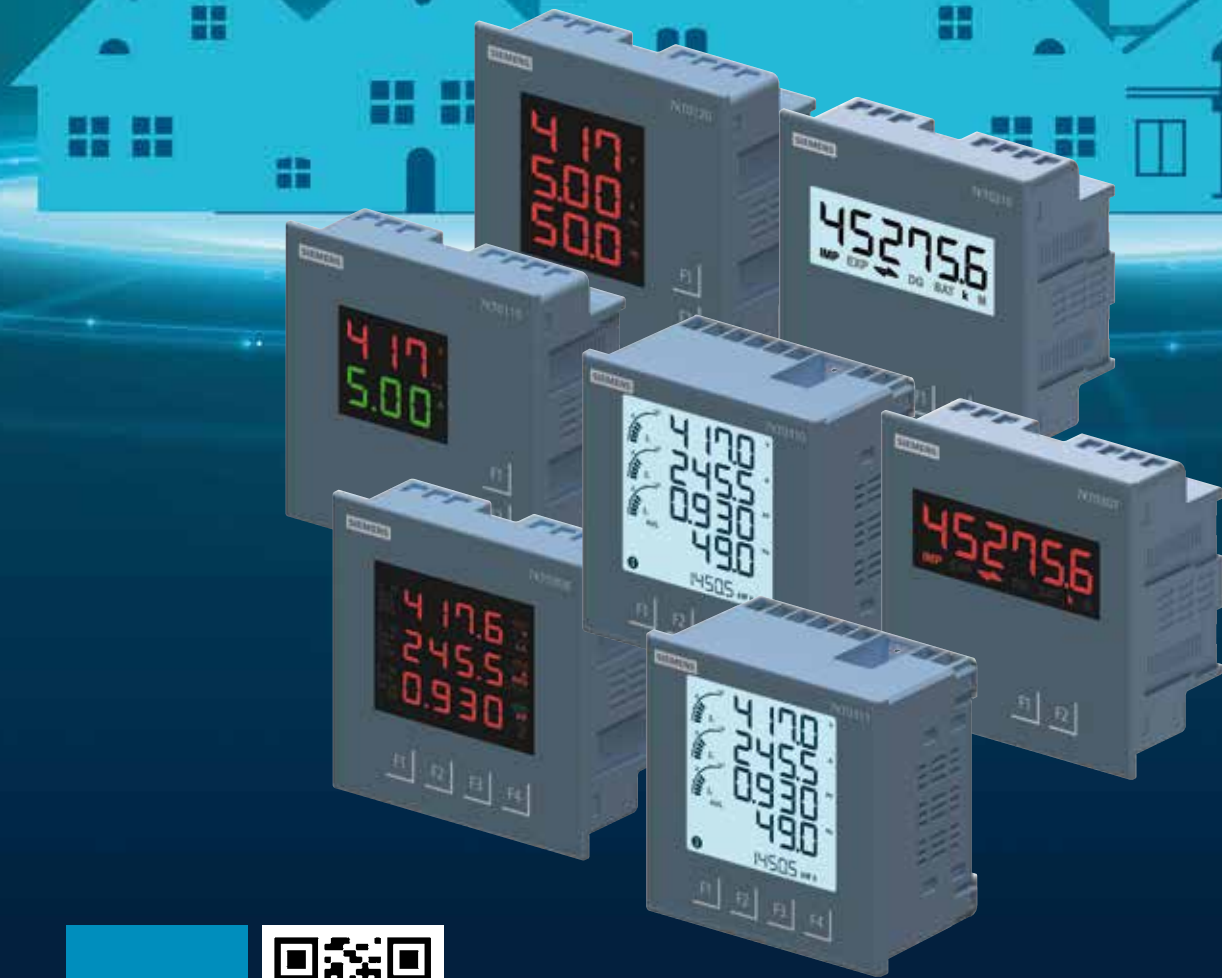
# 3NJ4 Fuse Switch Disconnecter

Maximum safety and minimized mounting width

- Compliant with IEC/EN 60439-1, IEC/EN 60947-3
- Rated operational current : 160 A to 630 A
- Operating voltage up to 690 V AC
- 1-pole or 3-pole switchable
- Vertical mounting on busbars
- Application: Power distribution of Utility, Automobile, etc.

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# SMART 7KT

## Power Monitoring Devices

Expanding the reach of technology

**SIEMENS**

SMART 7KT

NEW

# 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 <b>NEW</b>	7KT0120	3840.-
VA meter <b>NEW</b>	7KT0110	3520.-
3 phase energy meter *	7KT0210	POR

\*Please contact your nearest Siemens Sales office for more details.



## SMART 7KT Multi Function Meter

Broad range of uses in industry and infrastructure

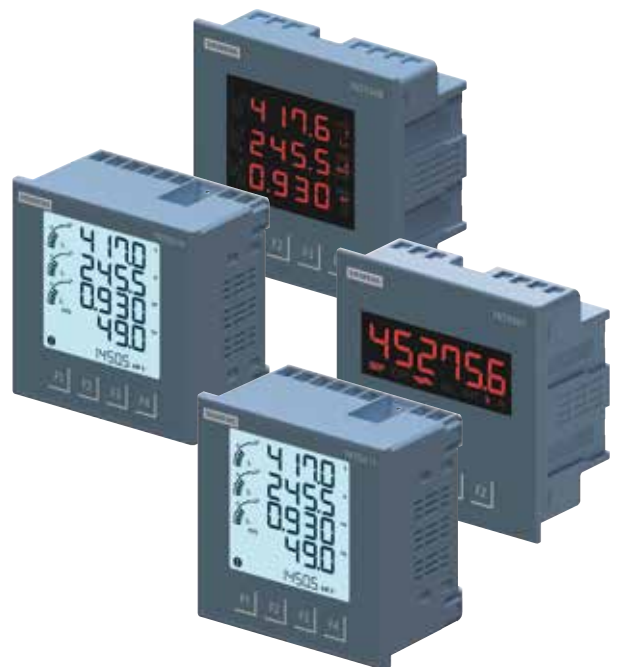
- Tested accuracy as per IEC 61557-12 and IEC 62053
- RoHS compliant
- Graphical representation of current loading in the LCD display meters
- Modern aesthetics with soft touch keys
- Integrated Modbus RTU communication over RS 485
- Measurement of 30+ electrical parameters

Description	Type	Unit LP ₹
LCD Class 0.5s <b>NEW</b>	7KT0311	19290.-
LCD Class 1	7KT0310	16120.-
Multi-line LED Class 1 <b>NEW</b>	7KT0308	12000.-
Single-line LED Class 1 <b>NEW</b>	7KT0307	8000.-

POR: Price On Request

Std. Pkg. = 1 unit

\* LP - List Price



Power Monitoring Devices



for more info scan QR code





# 3LD4 Control Switches

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

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## 3LD4 Control Switches

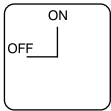
The 3LD4 Control Switches are cam operated switches suitable for use in a wide variety of control and auxiliary circuit applications.

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



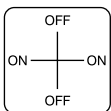
## ON OFF Switches

90° operation



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1AA00-ORCO	1 Pole	185.-	350.-	420.-	440.-	455.-	565.-	720.-	840.-	4390.-	1
3LD4 ___ 2AA00-ORCO	2 Pole	235.-	400.-	475.-	530.-	550.-	655.-	860.-	1075.-	5485.-	
3LD4 ___ 3AA00-ORCO	3 Pole	255.-	475.-	555.-	605.-	720.-	805.-	1005.-	1445.-	6750.-	
3LD4 ___ 4AA00-ORCO <b>NEW</b>	4 Pole	315.-	515.-	595.-	725.-	885.-	950.-	1150.-	1740.-	7905.-	

90° Operation with complete rotation

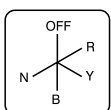
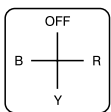


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BC00-ORCO	1 Pole	180.-	350.-	420.-	440.-	445.-	555.-	715.-	835.-	4390.-	1
3LD4 ___ 2BC00-ORCO	2 Pole	235.-	400.-	475.-	530.-	550.-	655.-	860.-	1075.-	5485.-	
3LD4 ___ 3BC00-ORCO	3 Pole	255.-	475.-	555.-	605.-	720.-	805.-	1005.-	1445.-	6750.-	
3LD4 ___ 4BC00-ORCO <b>NEW</b>	4 Pole	315.-	515.-	595.-	725.-	885.-	950.-	1150.-	1740.-	7905.-	

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

## Instrumentation Selector Switch

Ammeter Selector Switch (ASS)



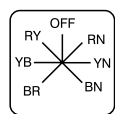
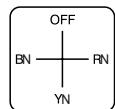
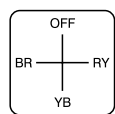
Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line currents with OFF	6A	3LD40014DC200RCO	385.-	1
	10A	3LD41024DC200RCO	460.-	
	16A	3LD41034DC200RCO	590.-	
	20A	3LD41044DC200RCO	660.-	
Line currents with Neutral with OFF	6A	3LD40014DD200RCO	380.-	
	10A	3LD41024DD200RCO	455.-	
	16A	3LD41034DD200RCO	580.-	
	20A	3LD41044DD200RCO	735.-	



\* LP - List Price

## 3LD4 Control Switches

### Voltmeter Selector Switch (VSS)

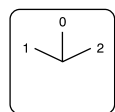


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
Line voltages with OFF	6A	3LD40014DC300RC0	280.-	1
	10A	3LD41024DC300RC0	420.-	
	16A	3LD41034DC300RC0	535.-	
	20A	3LD41044DC300RC0	605.-	
Phase voltages with OFF	6A	3LD40014DC310RC0	500.-	
	10A	3LD41024DC310RC0	565.-	
	16A	3LD41034DC310RC0	725.-	
	20A	3LD41044DC310RC0	800.-	
Line & Phase voltages with OFF	6A	3LD40014DF300RC0	500.-	
	10A	3LD41024DF300RC0	840.-	
	16A	3LD41034DF300RC0	1000.-	
	20A	3LD41044DF300RC0	1085.-	



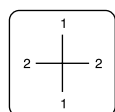
## Changeover Switch

### With OFF (60°)



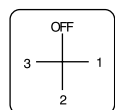
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1BB10-ORC0	1P 2W	235.-	435.-	530.-	545.-	555.-	615.-	835.-	1135.-	5670.-	1
3LD4 ___ 2BB10-ORC0	2P 2W	315.-	530.-	595.-	705.-	750.-	880.-	1145.-	1715.-	8295.-	
3LD4 ___ 3BB10-ORC0	3P 2W	385.-	655.-	800.-	985.-	1140.-	1230.-	1445.-	2310.-	10740.-	
3LD4 ___ 4BB10-ORC0	4P 2W	475.-	725.-	920.-	1205.-	1515.-	1590.-	1765.-	2920.-	13690.-	

### 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-ORC0	1P 2W	235.-	435.-	530.-	535.-	555.-	615.-	835.-	1135.-	5670.-	1
3LD4 ___ 2PC10-ORC0	2P 2W	315.-	530.-	595.-	705.-	750.-	880.-	1145.-	1715.-	8295.-	
3LD4 ___ 3PC10-ORC0	3P 2W	385.-	655.-	800.-	985.-	1140.-	1230.-	1445.-	2310.-	10740.-	
3LD4 ___ 4PC10-ORC0	4P 2W	475.-	725.-	920.-	1205.-	1515.-	1590.-	1765.-	2920.-	13690.-	

## 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-ORC0	1P 3W	280.-	380.-	445.-	530.-	535.-	665.-	975.-	1090.-	4660.-	1

\* Fill in the 5th, 6th & 7th of the type nos with the digits in () to get complete MLFB e.g. for 10A 3 Pole Changeover with OFF (60°) the complete type no will be 3LD41023BB10-ORC0



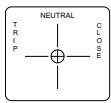
## 3LD4 Control Switches

### Breaker Control Switch NEW

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

#### Product Features

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

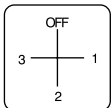


Description	Rating	Type#	Unit LP* ₹	Std. pkg. (nos.)
1 Trip + 1 Close	25A	3LD4205-2BB50-ORCO	1560.-	1
	32A	3LD4206-2BB50-ORCO	1845.-	
2 Trip + 2 Close	25A	3LD4205-4BB50-ORCO	1880.-	
	32A	3LD4206-4BB50-ORCO	2195.-	

## Multistep Switch

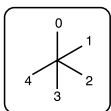


### Multistep 3 Way with OFF



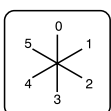
Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1CC40-ORCO	1P 3W	280.-	475.-	550.-	565.-	595.-	670.-	950.-	1075.-	5815.-	1	
3LD4 ___2CC40-ORCO	2P 3W	385.-	555.-	670.-	800.-	915.-	980.-	1410.-	1585.-	8540.-		
3LD4 ___3CC40-ORCO	3P 3W	555.-	745.-	1135.-	1215.-	1350.-	1470.-	1875.-	2455.-	11165.-		
3LD4 ___4CC40-ORCO	4P 3W	715.-	955.-	1375.-	1505.-	1685.-	1855.-	2520.-	2935.-	14100.-		

### Multistep 4 Way with OFF



Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1DD40-ORCO	1P 4W	320.-	425.-	800.-	865.-	955.-	1065.-	1210.-	1640.-	5145.-	1	
3LD4 ___2DD40-ORCO	2P 4W	555.-	805.-	945.-	970.-	1010.-	1170.-	1515.-	1915.-	7495.-		
3LD4 ___3DD40-ORCO	3P 4W	775.-	1080.-	1500.-	1570.-	1685.-	1935.-	2580.-	2935.-	20640.-		

### Multistep 5 Way with OFF



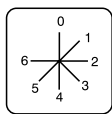
Type#	Description	Unit LP* ₹										Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)		
3LD4 ___1EE40-ORCO	1P 5W	360.-	675.-	920.-	1040.-	1200.-	1215.-	1500.-	1750.-	5160.-	1	
3LD4 ___2EE40-ORCO	2P 5W	655.-	1050.-	1220.-	1410.-	1635.-	1915.-	1970.-	2460.-	7490.-		

\* LP - List Price



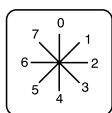
# Multistep Switch

## Multistep 6 Way with OFF



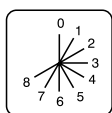
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1FF40-ORCO	1P 6W	470.-	760.-	885.-	975.-	1065.-	1245.-	1275.-	2065.-	1
3LD4 ___ 2FF40-ORCO	2P 6W	775.-	1145.-	1285.-	1450.-	1640.-	1985.-	2540.-	3315.-	

## Multistep 7 Way with OFF



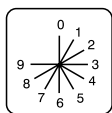
Type#	Description	Unit LP* ₹								Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	
3LD4 ___ 1GG40-ORCO	1P 7W	475.-	785.-	970.-	1060.-	1215.-	1270.-	1320.-	2050.-	1

## Multistep 8 Way with OFF



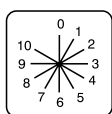
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1HH40-ORCO	1P 8W	540.-	665.-	950.-	1105.-	1

## Multistep 9 Way with OFF



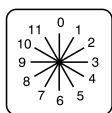
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1JJ40-ORCO	1P 9W	555.-	810.-	985.-	1170.-	1

## Multistep 10 Way with OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1KK40-ORCO	1P 10W	655.-	855.-	1320.-	1775.-	1

## Multistep 11 Way with OFF



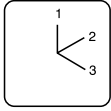
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1LL40-ORCO	1P 11W	775.-	930.-	1450.-	1915.-	1

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

# Multistep Switch

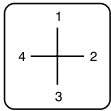


## Multistep 3 Way without OFF



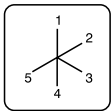
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1QB40-ORCO	1P 3W	265.-	455.-	555.-	565.-	705.-	730.-	1130.-	1270.-	4770.-	1
3LD4 ___ 2QB40-ORCO	2P 3W	385.-	690.-	785.-	860.-	925.-	950.-	1410.-	1665.-	8540.-	
3LD4 ___ 3QB40-ORCO	3P 3W	555.-	860.-	1170.-	1250.-	1350.-	1470.-	2065.-	2455.-	9170.-	
3LD4 ___ 4QB40-ORCO	4P 3W	715.-	955.-	1355.-	1545.-	1710.-	1820.-	4010.-	4430.-	9835.-	

## Multistep 4 Way without OFF



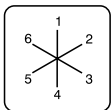
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1RC40-ORCO	1P 4W	305.-	500.-	675.-	735.-	845.-	885.-	1220.-	1705.-	5815.-	1
3LD4 ___ 2RC40-ORCO	2P 4W	435.-	720.-	800.-	920.-	1000.-	1090.-	1470.-	1915.-	8975.-	
3LD4 ___ 3RC40-ORCO	3P 4W	590.-	705.-	1270.-	1405.-	1590.-	1765.-	1925.-	2565.-	11835.-	

## Multistep 5 Way without OFF



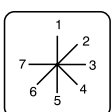
Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1SD40-ORCO	1P 5W	360.-	525.-	730.-	835.-	950.-	1170.-	1500.-	1920.-	5135.-	1
3LD4 ___ 2SD40-ORCO	2P 5W	655.-	885.-	1000.-	1285.-	1505.-	1625.-	2080.-	2640.-	7380.-	

## Multistep 6 Way without OFF



Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1TE40-ORCO	1P 6W	380.-	470.-	915.-	975.-	1065.-	1215.-	1415.-	1795.-	8540.-	1
3LD4 ___ 2TE40-ORCO	2P 6W	745.-	900.-	1230.-	1545.-	1885.-	1940.-	1970.-	2515.-	17040.-	

## Multistep 7 Way without OFF

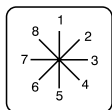


Type#	Description	Unit LP* ₹									Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	25A (205)	32A (206)	40A (207)	63A (208)	100A (309)	
3LD4 ___ 1UF40-ORCO	1P 7W	470.-	595.-	690.-	955.-	1260.-	1265.-	1515.-	2250.-	1	

\* LP - List Price

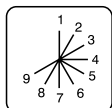
# Multistep Switch

## Multistep 8 Way without OFF



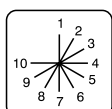
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1VG40-ORCO	1P 8W	475.-	940.-	1035.-	1105.-	1

## Multistep 9 Way without OFF



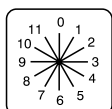
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1WH40-ORCO	1P 9W	555.-	970.-	1645.-	2040.-	1

## Multistep 10 Way without OFF



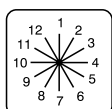
Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1XJ40-ORCO	1P 10W	595.-	990.-	1820.-	2455.-	1

## Multistep 11 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1YK40-ORCO	1P 11W	620.-	1010.-	1955.-	2585.-	1

## Multistep 12 Way without OFF



Type#	Description	Unit LP* ₹				Std. pkg. (nos.)
		6A (001)	10A (102)	16A (103)	20A (104)	
3LD4 ___ 1ZL40-ORCO	1P 12W	675.-	1035.-	2040.-	2620.-	1

\* Fill in the 5th, 6th & 7th of the type nos with the digits in ( ) to get complete MLFB  
e.g. for 6A 1 Pole Multistep 4 Way with OFF the complete type no will be 3LD40013DD40-ORCO

\* LP - List Price







# | Geared to act *FAST!*

## Siemens range of fuses

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

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

Siemens Fuses offer:

- High switching capacity
- Compact Design
- Low Watt Losses

With Siemens fuses - protection is Easy, Safe and Reliable

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**SIEMENS**



# HRC fuses (DIN) 3NA

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



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

Size	Rated current (A)	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	470.-	1/6
	4	3NA78040RC	470.-	1/6
	6	3NA78010RC	470.-	1/6
	10	3NA78030RC	470.-	1/6
	16	3NA78050RC	475.-	1/6
	20	3NA78070RC	475.-	1/6
	25	3NA78100RC	475.-	1/6
	32	3NA78120RC	475.-	1/6
	40	3NA78170RC	500.-	1/6
	50	3NA78200RC	500.-	1/6
	63	3NA78220RC	555.-	1/6
	80	3NA78240RC	605.-	1/6
	100	3NA78300RC	605.-	1/6
00	125	3NA78320RC	730.-	1/6
	160	3NA78360RC	770.-	1/6
	50	3NA71200RC	1035.-	1/3
1	63	3NA71220RC	1035.-	1/3
	80	3NA71240RC	1035.-	1/3
	100	3NA71300RC	1035.-	1/3
	125	3NA71320RC	1080.-	1/3
	160	3NA71360RC	1115.-	1/3
	200	3NA71400RC	1115.-	1/3
	224	3NA71420RC	1155.-	1/3
2	250	3NA71440RC	1250.-	1/3
	200	3NA72400RC	1540.-	1/3
	250	3NA72440RC	1600.-	1/3
	315	3NA72520RC	1655.-	1/3
3	400*	3NA72600RC	1655.-	1/3
	315	3NA33520RC	2355.-	1/3
	400	3NA33600RC	2355.-	1/3
	500	3NA33650RC	2635.-	1/3
	630	3NA33720RC	2695.-	1/3
800*	3NA33754RC	3280.-	1/3	

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

### ■ Stock items

\* LP - List Price

® MRP - Max. Retail Price

## Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	525.-	1
1	250	■ 3NG1250	790.-	1
2	400	■ 3NG1300	1290.-	1
3	630	■ 3NG1400	1335.-	1



## Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
00/000	160	3NA7 8	■ 3NH3030-ORC (Screw-in)	640.-	1/10
00/000	160	3NA7 8	■ 3NH3032-ORC (Plug in)	680.-	1/10
1	250	3NA7 1	■ 3NH3230-ORC	1280.-	1/5
2	400	3NA7 2	■ 3NH3330-ORC	1810.-	1/5
3	630	3NA3 3	■ 3NH3430-ORC	2610.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	3090.-	1/5



## Fuse puller

Description	Type	Unit MRP <sup>®</sup> ₹	Std. pkg.** (nos.)
Suitable for 3KL8 and all sizes of fuse links/isolating links	■ 3NX1011	3130.-	1
Suitable only for fuse links and isolating links	3NX1010	1305.-	1



## LV HRC contact covers

Size	Type	Unit LP* ₹	Std. pkg.** (nos.)
00/000	3NX3115	700.-	1/10
00/000	3NX3116	435.-	1/10



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



# HRC fuses (BS) 3NW

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



## Blade tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWN52	125.-	20
4	■ 3NWN54	125.-	20
6	■ 3NWN56	125.-	20
10	■ 3NWN510	125.-	20
16	■ 3NWN516	125.-	20
20	■ 3NWN520	150.-	20
25	■ 3NWN525	150.-	20
32	3NWN532	150.-	20

## Offset tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	180.-	20
4	3NWTIA4	180.-	20
6	3NWTIA6	180.-	20
10	■ 3NWTIA10	200.-	20
16	■ 3NWTIA16	200.-	20
20	■ 3NWTIA20	200.-	20
25	■ 3NWTIA25	200.-	20
32	■ 3NWTIA32	200.-	20
40	3NWTIS40	275.-	20
50	■ 3NWTIS50	275.-	20
63	■ 3NWTIS63	275.-	20
80	3NWTCP80	715.-	10
100	■ 3NWTCP100	715.-	10
125	3NWTFP125	1450.-	5
160	3NWTFP160	1450.-	5
200	3NWTFP200	1450.-	5

## Central tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWT80	765.-	10
100	3NWT100	765.-	10
125	3NWT125	1585.-	5
160	3NWT160	1585.-	5
200	3NWT200	1585.-	5
250	3NWT250	2185.-	1
315	3NWT315	2185.-	1
355	3NWT355	2545.-	1
400	3NWT400	2545.-	1
500	3NWT500	4010.-	1
630	3NWT630	4880.-	1
710	3NWT710	5575.-	1
800	3NWT800	5575.-	1

## Offset tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	150.-	20
10	3NWTSA10	150.-	20
16	3NWTSA16	150.-	20
20	3NWTSA20	150.-	20
25	3NWTSA25	150.-	20
32	3NWTSA32	150.-	20
36	3NWTSS36	300.-	20
40	3NWTSS40	300.-	20
50	3NWTSS50	300.-	20
63	3NWTSS63	300.-	20
80	3NWTSDS80	565.-	20
100	3NWTSDS100	565.-	20
125	3NWTFF125	710.-	5
160	3NWTFF160	770.-	5
200	3NWTFF200	710.-	5

## Central tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTDC80	680.-	10
100	3NWTDC100	680.-	10
125	3NWTFS125	715.-	5
160	3NWTFS160	715.-	5
200	3NWTFS200	715.-	5
250	3NWTFS250	1715.-	1
315	3NWTFS315	1715.-	1
355	3NWTFS355	2860.-	1
400	3NWTFS400	2860.-	1
450	3NWTFS450	2375.-	1
500	3NWTFS500	2375.-	1
560	3NWTFS560	4535.-	1
630	3NWTFS630	3840.-	1
800	3NWTFS800	5545.-	1

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

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWT32F9	2750.-	10
63	3NWT63F9	3230.-	10
100	3NWT100F9	3560.-	10

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

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NSF	295.-	10
32	■ 3NW32NSF	370.-	10
32A (Iso. Link)	■ 3NW32NSL	160.-	10

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

### ■ Stock items

\* MRP - Maximum Retail Price

Please order in multiples of standard packing.



Designed

with



Application

in



Mind

Explore **3TS** range  
of Contactors

**SIEMENS**

# Power Contactors



## 3TS Contactor

Rating Ie (AC-3) 415 V, 50 hz	Built-in aux contacts	Coil voltage AC, 50 hz	Type	Unit LP ₹	Std. pkg. (nos.)
9 A	1 NO	110 V	3TS30 10-0AF0-08K	1315.-	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	1450.-	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	1620.-	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	2085.-	1
	–	230 V	3TS33 00-0AP0-08K		1
	–	415 V	3TS33 00-0AR0-08K		1

Rating Ie (AC-3) 415 V, 50 hz	Built-in aux contacts	Coil voltage AC, 50 hz	Type	Unit LP ₹	Std. pkg. (nos.)
32 A	–	110 V	3TS34 00-0AF0-08K	4590.-	1
	–	230 V	3TS34 00-0AP0-08K		1
	–	415 V	3TS34 00-0AR0-08K		1
40 A	–	110 V	3TS35 00-0AF0-08K	6665.-	1
	–	230 V	3TS35 00-0AP0-08K		1
	–	415 V	3TS35 00-0AR0-08K		1
50 A	–	110 V	3TS36 00-0AF0-08K	9240.-	1
	–	230 V	3TS36 00-0AP0-08K		1
	–	415 V	3TS36 00-0AR0-08K		1
	–	415 V	3TS36 00-0AR0-08K		1
65 A	2NO+2NC	110 V	3TS47 22-0AF0-08K	13120.-	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	17075.-	1
	2NO+2NC	230 V	3TS48 22-0AP0-08K		1
	2NO+2NC	415 V	3TS48 22-0AR0-08K		1
	2NO+2NC	415 V	3TS48 22-0AR0-08K		1
85 A	2NO+2NC	110 V	3TS49 22-0AF0-08K	19975.-	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	24135.-	1
	2NO+2NC	230 V	3TS50 22-0AP0-08K		1
	2NO+2NC	415 V	3TS50 22-0AR0-08K		1
	2NO+2NC	415 V	3TS50 22-0AR0-08K		1

## Spares and Accessories

### Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std.pkg. (nos.)
3TS30 to 36	1NO	■ 3TX4 010-2A	230.-	10
	1NC	■ 3TX4 001-2A	230.-	10
	1NO (Extd)	■ 3TX4 010-4A	360.-	10
	1NC (Extd)	■ 3TX4 001-4A	360.-	10
3TS47 to 50	Second 1NO+1NC Left	■ 3TY7 561-1KA00 8K	1060.-	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	970.-	1
3TS34		3TS91 34-00 8K	1345.-	1
3TS35		3TS91 35-00 8K	2565.-	1
3TS36		3TS91 36-00 8K	3530.-	1
3TS47		3TS91 47-00 8K	3780.-	1
3TS48		3TS91 48-00 8K	5520.-	1
3TS49		3TS91 49-00 8K	7385.-	1
3TS50		3TS91 50-00 8K	9880.-	1

Note: For higher ratings please get in touch with your sales office

Coil voltage		Type	Unit LP ₹	Std. pkg. (nos.)
AC	DC			
<b>Surge suppressor (varistor) for 3TS30-36</b>				
24 - 48 V	24 - 70 V	■ 3TX7 402-3GY1	660.-	10
48 - 127V	70 - 150V	■ 3TX7 402-3HY1	660.-	10
127 - 240V	150 - 250V	■ 3TX7 402-3JY1	660.-	10
240 - 400V	—	3TX7 402-3KY1	850.-	10
400 - 600V	—	3TX7 402-3LY1	850.-	10
<b>Surge suppressor (varistor) for 3TS47-50</b>				
Less than 48V	24 - 70V	■ 3TX7 462-3GY1	910.-	10
48 - 127V	70 - 150V	■ 3TX7 462-3HY1	910.-	10
127 - 240V	150 - 250V	■ 3TX7 462-3JY1	910.-	10
240 - 400V	—	3TX7 462-3KY1	960.-	10
400 - 600V	—	3TX7 462-3LY1	960.-	10
<b>Surge suppressor (RC unit) for 3TS30-36</b>				
24 - 48 V	24 - 70 V	3TX7 402-3RY2	1055.-	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*	735.-	10
3TS47 - 3TS48	■ 3TX7 466-1YA0	2590.-	2
3TS49 - 3TS50	■ 3TX7 486-1YA0	4220.-	2

\* W/o base plate (not required)

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

For contactor	Type†	Unit LP ₹	Std. pkg. (nos.)
		For 110/230/415V 50Hz	
3TS30 - 3TS34	■ 3TY7 403-0A..	905.-	1
3TS35 - 3TS36	■ 3TY7 443-0A..	1115.-	1
3TS47 - 3TS48	■ 3TY7 463-0A..	1935.-	1
3TS49 - 3TS50	■ 3TY7 483-0A..	3535.-	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	1390.-	1
3TS48		3TS93 48-00 8K	1700.-	1
3TS49		3TS93 49-00 8K	2450.-	1
3TS50		3TS93 50-00 8K	2850.-	1

**Individual mounting accessory**

For relay type	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3US50 00	Accessory for individual mounting	3US91 50-008K	550.-	1
3US52 00		3US91 52-008K	575.-	1
3US55 00		3US91 55-008K	695.-	1
3US56 00		3US91 56-008K	695.-	1
3US58 00		3US91 58-008K	730.-	1

Note: For higher ratings please get in touch with your sales office



**Thermal overload relay**

Relay group	Recommended contactor	Current range	Type	Unit LP ₹	Std. pkg. (nos.)
3US50 00	3TS30 3TS31 3TS32	0.8 - 1.25	3US50 00-0K8K	2140.-	1
		1.0 - 1.6	3US50 00-1A8K	2140.-	1
		1.6 - 2.5	3US50 00-1C8K	2140.-	1
		2.5 - 4.0	3US50 00-1E8K	2140.-	1
		4.0 - 6.3	3US50 00-1G8K	2155.-	1
		6.3 - 10	3US50 00-1J8K	2200.-	1
		8 - 12.5	3US50 00-1K8K	2200.-	1
		10 - 16	3US50 00-2S8K	2220.-	1
		12.5 - 18	3US50 00-2B8K	2220.-	1
3US52 00	3TS33 3TS34	12.5 - 20	3US52 00-2B8K	2465.-	1
		16 - 25	3US52 00-2C8K		1
3US55 00		25 - 32	3US55 00-2D8K	3770.-	1
3US56 00	3TS35 3TS36	20 - 32	3US56 00-2D8K	3880.-	1
		25 - 36	3US56 00-2Q8K		1
		32 - 40	3US56 00-2R8K	4060.-	1
		36 - 45	3US56 00-8M8K	4060.-	1
3US58 00	3TS47 3TS48 3TS49 3TS50	40 - 57	3US58 00-2T8K	5220.-	1
		50 - 63	3US58 00-2P8K	6530.-	1
		57 - 70	3US58 00-2V8K		1
		63 - 80	3US58 00-2U8K		1
		70 - 95	3US58 00-8Y8K		1
		85 - 105	3US58 00-5C8K		6935.-

**Accessories for birelays**

Description	For relay type	Type	Unit LP ₹	Std. pkg. (nos.)
Resetting plunger funnel	3US5	3UX10 11 3UX10 13	255.-	10 10
Reset cord + holder: 400 mm length 600 mm length	3US5	3UX10 15 3UX10 16	350.-	5 5
Protection cover	3US5	3UX11 10 1YA 3UX11 11 1YA	260.-	10 10

# 3TS Capacitor duty Contactors

Now in **NEW**  
TI - GREY

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

### Features and Benefits

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



Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type <sup>†</sup>	Unit LP ₹	Built-in aux. contacts	Type <sup>†</sup>	Unit LP ₹	Std. pkg. (nos.)
5 kvar <b>NEW</b>	1 NO	3TS2110-0A..5-8K <sup>†</sup>	2420.-				
7 kvar	1 NO	3TS1110-0A..5-8K <sup>†</sup>	2660.-				
10 kvar <b>NEW</b>	–	3TS2200-0A..5-8K <sup>†</sup>	2890.-	1NO+1NC	3TS2211-0A..5-8K	3315.-	
12.5 kvar	–	3TS1200-0A..5-8K <sup>†</sup>	2960.-	1NO+1NC	3TS1211-0A..5-8K	3385.-	1
16 kvar	–	3TS1300-0A..5-8K <sup>†</sup>	4070.-	1NO+1NC	3TS1311-0A..5-8K	4490.-	1
20 kvar	–	3TS1400-0A..5-8K <sup>†</sup>	4585.-	1NO+1NC	3TS1411-0A..5-8K	4995.-	1
25 kvar	–	3TS1500-0A..5-8K <sup>†</sup>	5295.-	1NO+1NC	3TS1511-0A..5-8K	5725.-	1
30 kvar <b>NEW</b>	–	3TS2500-0A..5-8K <sup>†</sup>	8250.-	1NO+1NC	3TS2511-0A..5-8K	8675.-	1
40 kvar <b>NEW</b>	2 NO + 2 NC	3TS2722-0A..5-8K	14000.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	16390.-				

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

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

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

### Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	230.-	10
	1NC	■ 3TX4001-2A	230.-	10

# 3MT7 Capacitor Duty Contactors **NEW**

Capacitor kvar 440V AC, 3Ph, 50Hz	Built-in aux. contacts	Type	Unit LP ₹	Std. pkg. (nos.)
60kVAr	1NO+2NC	3MT70060JA126A..	17420.-	1
80kVAr	1NO+2NC	3MT70080JA126A..	21385.-	1
100kVAr	1NO+2NC	3MT70100JA126A..	22225.-	1

Please add coil code from adjacent table

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

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

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



# 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	10630.-	1
4	145	3TS5022-0A..1-8K	18520.-	1
6	200	3TS5122-0A..1-8K	24945.-	1
6	225	3TS5222-0A..1-8K	28930.-	1
8	275	3TS5322-0A..1-8K	41105.-	1
8	325	3TS5422-0A..1-8K	46465.-	1
10	400	3TS5522-0A..1-8K	52090.-	1
12	525	3TS5622-0A..1-8K	71310.-	1

### for 3TS48-3TF56

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

## 3TS 2 Pole Contactors



### Benefits:

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

### Standards:

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

### Application:

- Single Phase Pumps
- HVAC
- ESP
- Lighting

## Spares for 3TS Contactors

### Capacitor Duty

#### Spare coils

Contactor kVAR	Description	Type*	Unit LP ₹	Std. pkg. (nos.)
5 kvar	AC 50Hz coil	3TY74030A..	905.-	1
7 kvar				
10 kvar				
12.5 kvar				
16 kvar				
20 kvar	3TY74430A..	1115.-	1	
25 kvar				
30 kvar				
40 kvar				
50 kvar				3TY74630A..

\* For coil, refer below table

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

### 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	2250.-	1
12.5 kvar		3TS9762-0SX15-8K	2250.-	1
16 kvar		3TS9763-0SX15-8K	3350.-	1
20 kvar		3TS9764-0SX15-8K	3780.-	1
25 kvar		3TS9765-0SX15-8K	4445.-	1
30 kvar		3TS9765-0SX15-8K	4445.-	1
40 kvar		3TS9767-0SX15-8K	11425.-	1
50 kvar	3TS9767-0SX15-8K	11425.-	1	

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

Rated current (A) Ie AC3 upto 415V	Auxiliary contacts	Type	Unit LP ₹	Std. pkg. (nos.)
9	1NO	3TS3010-0A..2-8K	940.-	1
12	1NO	3TS3110-0A..2-8K	1045.-	1
18	1NO	3TS3210-0A..2-8K	1210.-	1
25	-	3TS3300-0A..2-8K	1505.-	1
32	-	3TS3400-0A..2-8K	3305.-	1
40	-	3TS3500-0A..2-8K	4720.-	1
50	-	3TS3600-0A..2-8K	6000.-	1
65	2NO+2NC	3TS4722-0A..2-8K	9020.-	1
75	2NO+2NC	3TS4822-0A..2-8K	10630.-	1
85	2NO+2NC	3TS4922-0A..2-8K	12375.-	1
105	2NO+2NC	3TS5022-0A..2-8K	16295.-	1
140	2NO+2NC	3TS5122-0A..2-8K	19810.-	1
160	2NO+2NC	3TS5222-0A..2-8K	26945.-	1
205	2NO+2NC	3TS5322-0A..2-8K	29680.-	1
250	2NO+2NC	3TS5422-0A..2-8K	34080.-	1
300	2NO+2NC	3TS5522-0A..2-8K	42615.-	1
400	2NO+2NC	3TS5622-0A..2-8K	55115.-	1

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

### 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	5145.-	1
3TS50		3TS9150-01-8K	9175.-	1
3TS51		3TS9151-01-8K	12475.-	1
3TS52		3TS9152-01-8K	13950.-	1
3TS53		3TS9153-01-8K	19810.-	1
3TS54		3TS9154-01-8K	22020.-	1
3TS55		3TS9155-01-8K	24220.-	1
3TS56		3TS9156-01-8K	32300.-	1

#### Spare coils

	AC Coil	Unit LP ₹
3TS48	3TY7463-0A..	1935.-
3TS50	3TY7483-0A..	3535.-
3TS51/52	3TY7503-0A..	3595.-
3TS53/54	3TY7523-0A..	4555.-
3TS55	3TY7543-0A..	5510.-
3TS56	3TY7563-0A..	8000.-

refer page no. 35 for coil codes

## Spares for 3MT7 Contactors

Contactor kvar	Type	Unit LP ₹	Std. pkg. (nos.)
60kvar, 3MT70060JA126A..	3MT76000L__9M1A	1985.-	1
80kvar, 3MT70080JA126A..	3MT78000L__9M1A	2165.-	1
100kvar, 3MT70100JA126A..			

Refer page no 35 for coil codes

Spare side aux. contact block for 80 & 100 kvar contactor	Type	Unit LP ₹	Std. pkg. (nos.)
1NO+1NC	3MT70110CL09M1A	490.-	10
2NO	3MT70200CL09M1A	490.-	10



## 3TS 4 Pole Contactors for Power Applications

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NEW



Contactor Size	Rated current I <sub>e</sub> (A) AC1 at 415V	AC Coil <sup>1)</sup>	Unit LP ₹		DC Coil <sup>1)</sup>	Unit LP ₹	
			Standard Coil	Electronic Coil		Standard Coil	Electronic Coil
Size 0	18A	3TS3100-0A..4-8K	1510.-		3TS3100-0B..4-8K	2985.-	
Size 0	25A	3TS3200-0A..4-8K	1595.-		3TS3200-0B..4-8K	3380.-	
Size 1	35A	3TS3300-0A..4-8K	1790.-		3TS3300-0B..4-8K	3855.-	
Size 1	40A	3TS3400-0A..4-8K	2360.-		3TS3400-0B..4-8K	5705.-	
Size 2	45A	3TS3500-0A..4-8K	2765.-	3395.-	3TS3500-0B..4-8K		6565.-
Size 2	50A	3TS3600-0A..4-8K	3070.-	3730.-	3TS3600-0B..4-8K		8330.-
Size 2	65A	3TS3700-0A..4-8K	5970.-	6635.-	3TS3700-0B..4-8K		11605.-
Size 2	65A*	3TS3700-0A..4-8KA0	6740.-	7400.-	3TS3700-0B..4-8KA0		13300.-

1) Please add coil voltage code from table below

\* 50A AC-3 rating

Size S0 & S1	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 S2	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	230.-
1 NC	3TX40 01-2A	230.-

Mechanical Interlock	Type	Unit LP ₹
Size 0 and Size 1	3TX4091-1A	735.-
S2	3TX4091-1A + 3TX4091-1G**	735.-
		195.-

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	660.-	3TX7402-3RY2	1055.-
		48 - 127V	70 - 150V	3TX7402-3HY1	660.-	3TX7402-3SY2	
		127 - 240V	150 - 250V	3TX7402-3JY1	660.-	3TX7402-3TY2	
		240 - 400V	-	3TX7402-3KY1	850.-	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	1230.-
Size 1	40A	3TS3400	3TS9134-0E	1735.-
Size 2	45A	3TS3500	3TS9135-0E	2640.-
Size 2	50A	3TS3600	3TS9136-0E	3105.-
Size 2	65A	3TS3700	3TS9137-0E	3110.-
Size 2	65A*	3TS3700	3TS9137-0A	4505.-

\* 50A AC-3 rating

## Spare Coils

Contactor Size	Type <sup>2)</sup>	Unit LP ₹	Type <sup>2)</sup>	Unit LP ₹
	AC		DC	
Size 0	3TS9231-0A..4-8K	935.-	3TS9231-0B..4-8K	1280.-
Size 1	3TS9233-0A..4-8K	1005.-	3TS9233-0B..4-8K	1345.-
Size 2	3TS9235-0A..4-8K (Standard)	1115.-		
Size 2	3TS9235-0A..4-8K (Electronic)	1615.-	3TS9235-0B..4-8K (Electronic)	1920.-

2) Please add voltage code from table in page no 37



## 3TS Single Pole LED Contactors

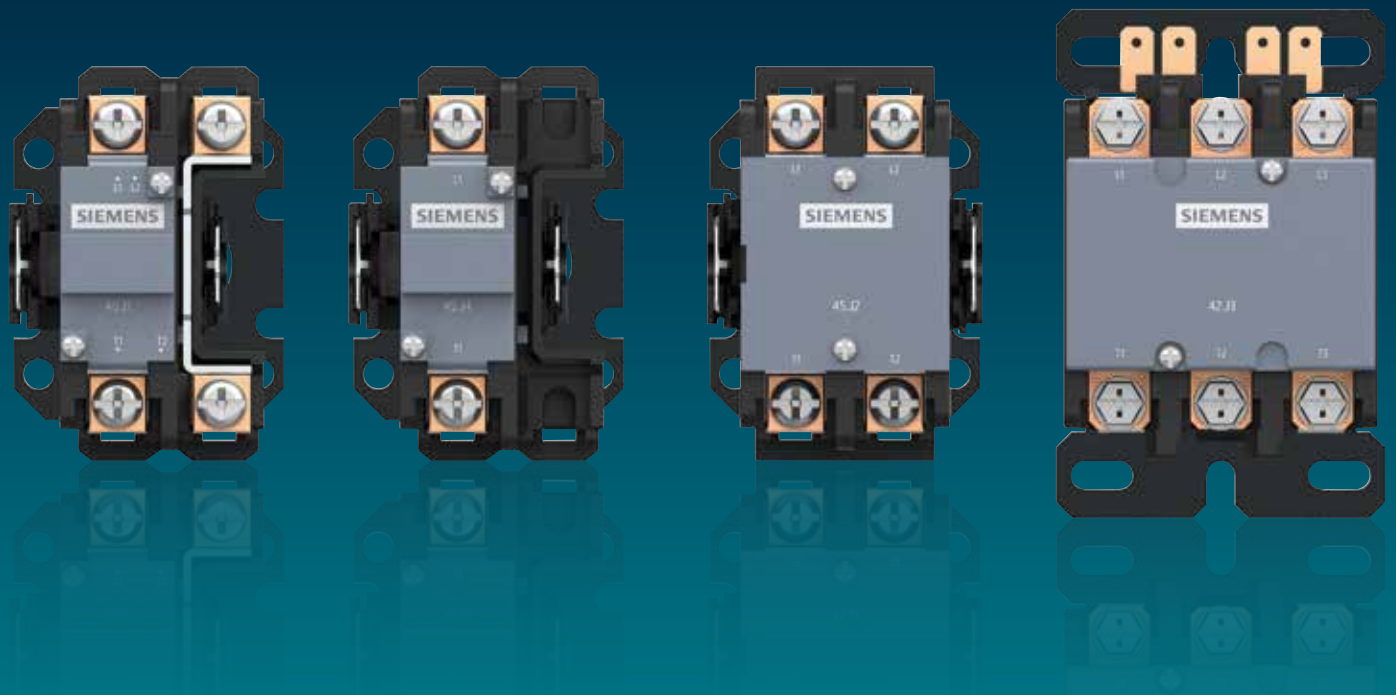
NEW

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**

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**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	1095.-	1
	30A ■	45DJ10A_B	45DJ10A_C	1135.-	1
	40A	45EJ10A_B	45EJ10A_C	1175.-	1
1 Pole without shunt	25A ■	45CJ40A_B	45CJ40A_C	1040.-	1
	30A ■	45DJ40A_B	45DJ40A_C	1070.-	1
	40A	45EJ40A_B	45EJ40A_C	1110.-	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	1315.-	1
	30A ■	45DJ20A_D	45DJ20A_E	1330.-	1
	40A ■	45EJ20A_D	45EJ20A_E	1370.-	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	1695.-	1
	25A	42CJ35A_D	42CJ35A_E	1720.-	1
	30A	42DJ35A_D	42DJ35A_E	1740.-	1
	40A ■	42EJ35A_D	42EJ35A_E	1770.-	1
3 Pole with inbuilt 1NO+1NC aux contacts	20A	42BJ36A_D	42BJ36A_E	2100.-	1
	25A	42CJ36A_D	42CJ36A_E	2125.-	1
	30A	42DJ36A_D	42DJ36A_E	2140.-	1
	40A ■	42EJ36A_D	42EJ36A_E	2175.-	1



Please add coil code from table below

Spare coil for contactor	Type ref	Unit MRP ₹	Std pkg (nos)
1 Pole contactor	75J19A_	320.-	1
2 Pole contactor	75J29A_	385.-	1
3 Pole contactor	75J39A_	435.-	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 & 3P (without inbuilt aux contacts)

■ Stock items



## Continuing the Legacy..

### 3VS Motor Protection Circuit Breakers

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

#### MPCBs for motor protection

Overload release range A	Type (w/o aux. contact)	Unit LP ₹	Type (with 1NO+1NC)	Unit LP ₹	Std. pkg. (nos)
0.1 - 0.16	3VS1300-0MB00	4120.-	3VS1300-1MB00	4940.-	1
0.16 - 0.24	3VS1300-0MC00		3VS1300-1MC00		1
0.24 - 0.4	3VS1300-0MD00		3VS1300-1MD00		1
0.4 - 0.6	3VS1300-0ME00	4795.-	3VS1300-1ME00	5620.-	1
0.6 - 1	3VS1300-0MF00	4830.-	3VS1300-1MF00	5670.-	1
1 - 1.6	3VS1300-0MG00		3VS1300-1MG00	5725.-	1
1.6 - 2.4	3VS1300-0MH00		3VS1300-1MH00		1
2 - 3.2	3VS1300-0NH00	5055.-	3VS1300-1NH00	5780.-	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	5105.-	3VS1300-1NK00	5835.-	1
6 - 10	3VS1300-0ML00		3VS1300-1ML00	5835.-	1
8 - 13	3VS1300-0NL00		3VS1300-1NL00	6585.-	1
10 - 16	3VS1300-0MM00	6140.-	3VS1300-1MM00	6895.-	1
14 - 20	3VS1300-0MN00	6260.-	3VS1300-1MN00	7025.-	1
18 - 25	3VS1300-0MP00	6980.-	3VS1300-1MP00	7495.-	1
6 - 10	3VS1600-0ML00	11410.-	3VS1600-1ML00	12870.-	1
10 - 16	3VS1600-0MM00	11410.-	3VS1600-1MM00		1
16 - 25	3VS1600-0MN00	12585.-	3VS1600-1MN00	14105.-	1
22 - 32	3VS1600-0MP00	13375.-	3VS1600-1MP00	14235.-	1
28 - 40	3VS1600-0MQ00	15030.-	3VS1600-1MQ00	15795.-	1
36 - 52	3VS1600-0MR00		3VS1600-1MR00		1



## Accessories for 3VS

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Add-on aux. block	1 NO + 1 NC	■ 3VU9131-3AA00	1200.-	1
Short-circuit signaling switch	1 NO + 1 NC	■ 3VU9131-7AA00	1380.-	1
Undervoltage release	230 V, 50 Hz	3VU9132-0AB15	3290.-	1
Shunt trip	230 V, 50 Hz 24 V, 50 Hz DC 110-240 V	3VU9132-0AB55	3255.-	1
		3VU9132-0AB50	3290.-	1
		3VU9132-0AB73	3290.-	1
Toggle padlocking device	Locking in Off pos	3VU9168-0KA00	885.-	1

Description	Version	Type	Unit LP ₹	Std. pkg. (nos.)
Three-phase busbar for 3VS13 only	In feed terminal (63 A)	3VU9135-1BB01	1645.-	1
	busbars for 2 MPCBs	3VU9135-1AB02	1315.-	1
	busbars for 3 MPCBs	3VU9135-1AB03	1590.-	1
	busbars for 4 MPCBs	3VU9135-1AB04	2045.-	1
	busbars for 5 MPCBs	3VU9135-1AB05	2300.-	1
Door operating mechanism with door interlock, defeat facility, pad locking facility, extension shaft 300mm	Breaker operating kit & front drive (fixed coupler) for 3VS13 for 3VS16	■ 3VU9133-Z®	3415.-	1
		■ 3VU9163-Z®	3635.-	1
Front drive for 3VS	Fixed coupler	■ 8UC616 <sup>†</sup>	1135.-	1

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



■ Stock items

Please order in multiples of standard packing.

# Timing and Monitoring Relays



## Features and Benefits

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



for more info  
scan QR code



Relay	MLFB	Neutral loss protection	Phase failure protection	Imbalance protection	Phase reversal protection	Under voltage protection	Over voltage protection	Under freq protection	Over freq protection	Other parameters
Line monitoring relay	7UG0 712		✓	✓	✓					
	7UG0 814	✓	✓	✓	✓	✓	✓	✓	✓	
	7UG0 818		✓	✓	✓	✓	✓	✓	✓	
Voltage Monitoring relay	7UG0 753		✓		✓	✓	✓			
Current Monitoring relay	7UG0 82		✓	✓						Under-current and over-current protection
	7UG0 83		✓	✓						Under-current and over-current protection
Earth leakage relay	7UG0 84									Earth leakage protection
Earth fault monitoring relay	7UG0 86									Earth fault protection
Temperature controller (TC)	7UG0 48									Monitors temperature, input sensor TC/RTD
Water level controller relay	7UG08 85									Monitors and controls liquid level (conductive)
Thermistor protection relay	7UG08 81									Sensor input: Positive coefficient thermistor (PTC)
Speed monitoring relay	7UG05 83									Over/under speed protection

## 7UG0 monitoring relays

Description		Type	Unit LP ₹	Std. pkg. (nos.)
Line monitoring relay	Self powered 3Ph-3W	7UG0712-1AA20	1575.-	1
	Self powered 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0814-1CA20	3690.-	1
	Self powered 3Ph-3W, 3Ph-4W	7UG0818-1CA20	3385.-	1
Voltage Monitoring relay	Self powered 3Ph-3W	7UG0753-1AA20	2690.-	1
Current Monitoring relay	110 V AC 1Ph-2W	7UG0821-1AB20	4370.-	1
	230 V AC 1Ph-2W	7UG0822-1AD20	4165.-	1
	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0831-1AB20	5320.-	1
	230 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0832-1AD20	5065.-	1
	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	5615.-	1
Earth leakage relay	110 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0841-1CB20	5615.-	1
	230 V AC 1Ph-2W, 3Ph-3W, 3Ph-4W	7UG0842-1CD20	5670.-	1
CBCT for ELR	35mm	7UG09-96	2045.-	1
	70mm	7UG09-97	2335.-	1
	120mm	7UG09-99	3975.-	1
	210mm	7UG0 994*	7650.-	1
	310mm	7UG0 995*	11400.-	1
Earth Fault monitoring relay	1 Ph-2W, 3Ph-3W, 3Ph-4W	7UG0861-1BU20	5805.-	1
CBCT for EFR: 160 frame	Core Balance CT 160 frame, 3P	7UG09910	2005.-	1
	Core Balance CT 160 frame, 4P	7UG09911	2285.-	1
CBCT for EFR: 250 frame	Core Balance CT 250 frame, 3P	7UG09912	2420.-	1
	Core Balance CT 250 frame, 4P	7UG09913	2850.-	1
CBCT for EFR: 630 frame	Core Balance CT 630 frame, 3P	7UG09914	3565.-	1
	Core Balance CT 630 frame, 4P	7UG09915	3855.-	1
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	22235.-	1
	12 Stage with LCD display	7UG0572-1GT20	23815.-	1
	12 stage with LED display	7UG0572-1GT21	13620.-	1
Temperature controlling relay	PID/ON-OFF Control suitable for PTC/RTD inputs CO + SSR output	7UG0 480-1IU20	4255.-	1
Water level controller relay	110-240V AC/DC	7UG0885-1JU20	2205.-	1
Sensor for water level controller relay	Pack of 3 sensor	7UG0985-0YY00	660.-	1
Thermistor protection relay	110-240V AC/DC	7UG0881-1BU20	2565.-	1
Speed monitoring relay	110-240V AC/DC	7UG0583-1CU20	7715.-	1

## 7PV0 timers

Description		Type	Unit LP ₹	Std. pkg. (nos.)
ON delay timer	230V AC	7PV0712-1AD20	1560.-	1
Multifunction timer with digital display	20-240V AC/DC	7PV0732-1AV20	3055.-	1
Multifunction timer - analog	20-240V AC / 12--240V DC	7PV0723-1AZ20	2045.-	1

Note: \* Non RoHS and CE

# Plug-in-relay - 7RQ



## Features and Benefits

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



Relay	Standard Features	Control supply voltage* (V)	Type	Unit LP ₹	Std. pkg. (nos.)
<b>1CO</b>					
	6A 5 pin	DC	24	7RQ0100-0AC00	330.- 10
			48	7RQ0100-0AD00	440.- 10
			110	7RQ0100-0AE00	600.- 10
		AC	24	7RQ0100-0AM10	420.- 10
			48	7RQ0100-0AN10	600.- 10
			110	7RQ0100-0AP10	625.- 10
	230	7RQ0100-0AR10	640.- 10		
<b>2CO</b>					
	6A 8 pin	DC	24	7RQ0100-0BC00	460.- 10
			48	7RQ0100-0BD00	550.- 10
			110	7RQ0100-0BE00	590.- 10
		AC	24	7RQ0100-0BM10	535.- 10
			48	7RQ0100-0BN10	590.- 10
			110	7RQ0100-0BP10	605.- 10
	230	7RQ0100-0BR10	615.- 10		
<b>2CO</b>					
	10A 8 pin	DC	24	7RQ0110-0BC00	590.- 10
			48	7RQ0110-0BD00	725.- 10
			110	7RQ0110-0BE00	780.- 10
		AC	24	7RQ0110-0BM00	705.- 10
			48	7RQ0110-0BN00	795.- 10
			110	7RQ0110-0BP00	780.- 10
	230	7RQ0110-0BR00	815.- 10		
<b>3CO</b>					
	10A 11 pin	DC	24	7RQ0100-0CC00	755.- 10
			48	7RQ0100-0CD00	795.- 10
			110	7RQ0100-0CE00	920.- 10
		AC	24	7RQ0100-0CM00	805.- 10
			48	7RQ0100-0CN00	845.- 10
			110	7RQ0100-0CP00	905.- 10
	230	7RQ0100-0CR00	920.- 10		
<b>4CO</b>					
	5A 14 pin	DC	24	7RQ0100-0DC00	695.- 10
			48	7RQ0100-0DD00	730.- 10
			110	7RQ0100-0DE00	825.- 10
		AC	24	7RQ0100-0DM00	725.- 10
			48	7RQ0100-0DN00	740.- 10
			110	7RQ0100-0DP00	805.- 10
	230	7RQ0100-0DR00	815.- 10		








Socket	Standard Features	Type	Unit LP ₹	Std. pkg. (nos.)
<b>1CO</b>				
	PCB mounted	7RQ0202-1AX00	110.-	10
	Din rail mounting	7RQ0201-1AX00	200.-	10
<b>2CO</b>				
	PCB mounted	7RQ0202-1BX00	110.-	10
	Din rail mounting	7RQ0201-1BX00	260.-	10
<b>2CO</b>				
	PCB mounted	7RQ0212-1BX00	135.-	10
	Din rail mounting	7RQ0211-1BX00	335.-	10
<b>3CO</b>				
	Din rail mounting	7RQ0201-1CX00	460.-	10
<b>4CO</b>				
	PCB mounted	7RQ0202-1DX00	180.-	10
	Din rail mounting	7RQ0201-1DX00	320.-	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	350.-	10		
		Green	■ 3SB5285-6HE01		10		
		Amber	■ 3SB5285-6HL01		10		
			30V DC ®	Blue	■ 3SB5285-6HF01	885.-	10
				White	3SB5285-6HG01	10	10
				Yellow	3SB5285-6HD01	350.-	10
				Clear	3SB5285-6HH01	10	10
Red	3SB5285-6HC13			390.-	10		
Green	3SB5285-6HE13				10		
Amber	3SB5285-6HL13				10		
	110 V AC 50/60 Hz	Blue	■ 3SB5285-6HF13	1010.-	10		
		White	3SB5285-6HG13	10	10		
		Yellow	3SB5285-6HD13	390.-	10		
		Clear	3SB5285-6HH13	10	10		
		Red	■ 3SB5285-6HC02	350.-	10		
		Green	■ 3SB5285-6HE02		10		
		Amber	■ 3SB5285-6HL02		10		
	110 V DC®	Blue	■ 3SB5285-6HF02	885.-	10		
		White	3SB5285-6HG02	10	10		
		Yellow	3SB5285-6HD02	350.-	10		
		Clear	3SB5285-6HH02	10	10		
		Red	■ 3SB5285-6HC04	390.-	10		
		Green	■ 3SB5285-6HE04		10		
		Amber	■ 3SB5285-6HL04		10		
	220/240 V AC 50/60 Hz	Blue	■ 3SB5285-6HF04	1010.-	10		
		White	3SB5285-6HG04	10	10		
		Yellow	3SB5285-6HD04	390.-	10		
		Clear	3SB5285-6HH04	10	10		
		Red	■ 3SB5285-6HC03	350.-	10		
		Green	■ 3SB5285-6HE03		10		
		Amber	■ 3SB5285-6HL03		10		
	220 V DC®	Blue	■ 3SB5285-6HF03	885.-	10		
		White	3SB5285-6HG03	10	10		
		Yellow	3SB5285-6HD03	350.-	10		
		Clear	3SB5285-6HH03	10	10		
		Red	■ 3SB5285-6HC05	390.-	10		
		Green	■ 3SB5285-6HE05		10		
		Amber	■ 3SB5285-6HL05		10		
		Blue	■ 3SB5285-6HF05	1010.-	10		
		White	3SB5285-6HG05	10	10		
		Yellow	3SB5285-6HD05	390.-	10		
		Clear	3SB5285-6HH05	10	10		

Now also available in 415V - Prices on request


## Wide band compact LED indicating lamps

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)	
	24 to 240 V AC & 24 to 220 V DC	Red	■ 3SB5235-6HC14	590.-	10	
		Green	■ 3SB5235-6HE14		10	
		Amber	■ 3SB5235-6HL14		10	
		<b>NEW</b>	Blue	■ 3SB5235-6HF14	1000.-	10
			White	3SB5235-6HG14	590.-	10
			Yellow	3SB5235-6HD14	10	10
			Clear	3SB5235-6HH14	775.-	10

## Modular Indicating Lamps (with plastic front ring) Lens Assembly

	Colour	Type	Unit LP ₹	Std Pkg (nos.)
	Red	■ 3SB5201-6BC00	115.-	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<sup>§</sup> - (suitable for INTEGRATED LED lamp)

	Voltage	Colour	Type	Unit LP ₹	Std Pkg (nos.)	
	24 V AC/DC 50/60 Hz	Red	■ 3SB5400-7CC	300.-	10	
		Green	■ 3SB5400-7CE	300.-	10	
		Amber	■ 3SB5400-7CL	300.-	10	
		Blue	■ 3SB5400-7CF	950.-	10	
		White†	3SB5400-7CG	300.-	10	
		Yellow	3SB5400-7CD	300.-	10	
		110 V AC 50/60 Hz	Red	■ 3SB5400-7EC	300.-	10
			Green	■ 3SB5400-7EE	300.-	10
			Amber	■ 3SB5400-7EL	300.-	10
			Blue	■ 3SB5400-7EF	950.-	10
			White†	3SB5400-7EG	300.-	10
			Yellow	3SB5400-7ED	300.-	10
	110 V DC®	Red	■ 3SB5400-7DC	300.-	10	
		Green	■ 3SB5400-7DE	300.-	10	
		Amber	■ 3SB5400-7DL	300.-	10	
		Blue	■ 3SB5400-7DF	950.-	10	
		White†	3SB5400-7DG	300.-	10	
		Yellow	3SB5400-7DD	300.-	10	
	230 V AC 50/60 Hz	Red	■ 3SB5400-7TC	300.-	10	
		Green	■ 3SB5400-7TE	300.-	10	
		Amber	■ 3SB5400-7TL	300.-	10	
		Blue	■ 3SB5400-7TF	950.-	10	
		White†	3SB5400-7TG	300.-	10	
		Yellow	3SB5400-7TD	300.-	10	
220 V DC®	Red	■ 3SB5400-7HC	300.-	10		
	Green	■ 3SB5400-7HE	300.-	10		
	Amber	■ 3SB5400-7HL	300.-	10		
	Blue	■ 3SB5400-7HF	950.-	10		
	White†	3SB5400-7HG	300.-	10		
	Yellow	3SB5400-7HD	300.-	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.)
<b>Opaque actuator (with holder for contact block)</b>				
	Normal	Red ■ 3SB5000-0AC01	105.-	10
		Green ■ 3SB5000-0AE01		
		Blue ■ 3SB5000-0AF01		
		White ■ 3SB5000-0AG01		
		Yellow ■ 3SB5000-0AD01		
	Raised	Black ■ 3SB5000-0AB01	115.-	10
		Red ■ 3SB5000-0LC01		
		Green ■ 3SB5000-0LE01		
		Blue ■ 3SB5000-0LF01		
		White ■ 3SB5000-0LG01		
	Normal	Red ■ 3SB5001-0AC01-0PQ0	135.-	10
		Green ■ 3SB5001-0AE01-0PQ0		
		Amber ■ 3SB5001-0AL01-0PQ0		
		Blue ■ 3SB5001-0AF01-0PQ0		
		White ■ 3SB5001-0AG01-0PQ0		
	Raised	Yellow ■ 3SB5001-0AD01-0PQ0	140.-	10
		Clear ■ 3SB5001-0AH01-0PQ0		
		Red ■ 3SB5218-0LC01-0PQ0		
		Green ■ 3SB5218-0LE01-0PQ0		
		Amber ■ 3SB5218-0LL01-0PQ0		
	Raised	Blue ■ 3SB5218-0LF01-0PQ0	140.-	10
		White ■ 3SB5218-0LG01-0PQ0		
		Yellow ■ 3SB5218-0LD01-0PQ0		
		Clear ■ 3SB5218-0LH01-0PQ0		
		Clear ■ 3SB5218-0LH01-0PQ0		

### Modular Selector Actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
<b>2 position opaque selector actuator (with holder for contact block)</b>				
	Maintained	Black ■ 3SB5000-2AB01	345.-	10
		Red ■ 3SB5000-2AC01		
	Momentary	Black ■ 3SB5000-2BB01		
		Red ■ 3SB5000-2BC01		
<b>3 position opaque selector actuator (with holder for contact block)</b>				
	Maintained	Black ■ 3SB5000-2DB01	350.-	10
		Red ■ 3SB5000-2DC01		
	Momentary	Black ■ 3SB5000-2EB01		
		Red ■ 3SB5000-2EC01		
<b>2 position illuminated selector actuator (with holder for contact block)</b>				
	Maintained	Red ■ 3SB5001-2AC01	340.-	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		
<b>3 position illuminated selector actuator (with holder for contact block)</b>				
	Maintained	Red ■ 3SB5001-2DC01	355.-	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.)
<b>Contact blocks for rear mounting (for panel mounting)</b>				
	1 NO	■ 3SB5400-0B	125.-	10
	1NC	■ 3SB5400-0C		10
	1NO + 1 NC	■ 3SB5400-0A	230.-	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.)
<b>Mushroom actuator (40 mm ø) (with holder for contact block)</b>				
momentary	Black	■ 3SB5000-1NB01	205.-	10
	Red	■ 3SB5000-1NC01		
push to trip, turn to release	Black	■ 3SB5000-1CB01	240.-	10





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

NEW Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
<b>Enhanced Safety and Monitoring with MNCB</b>				
Mushroom Actuator, E-Stop (40mm) with MNCB (1NC)	Red	■ 3SB5204-0UC01	435.-	10
MNCB (Mounting Monitoring Contact Block, 1NC)		■ 3SB5400-0M	205.-	10

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

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
Mushroom actuator (40 mm ø) push to trip, turn to release with 1NC	Red	■ 3SB5203-0UC01	400.-	10
Mushroom actuator (40 mm ø) push to trip, turn to release	Red	■ 3SB5000-0UC01	285.-	10
Mushroom actuator (40 mm ø) push to trip, key to release	Red	■ 3SB5000-0TC01	1510.-	10

### Modular key actuators (with plastic front ring)

Description	Colour	Type	Unit LP ₹	Std Pkg (nos.)
<b>2 position key actuator (with holder for contact block)</b>				
Maintained		■ 3SB5000-4AC01	540.-	10
		■ 3SB5000-4AA01		10
		■ 3SB5000-4AB01		10
Momentary		■ 3SB5000-4TA01	540.-	10
		■ 3SB5000-4TC01		10
		■ 3SB5000-4JA01		10
<b>3 position key actuator (with holder for contact block)</b>				
Maintained		■ 3SB5000-4HA01	590.-	10
		■ 3SB5000-4HC01		10
		■ 3SB5000-4HB01		10
Momentary		■ 3SB5000-4JA01	590.-	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.)
<b>Complete actuator with holder for contact block</b>			
Opaque with 1NO & 1NC	■ 3SB5201-7EC01	430.-	10
Illuminated with 1NO & 1NC	■ 3SB5234-7EC01		10
<b>Modular actuator with holder for contact block</b>			
Opaque	■ 3SB5000-7EC01	210.-	10
Illuminated	■ 3SB5001-7EC01		10

■ Stock items

## Push button Stations

No. of control points	Description	Type	Unit LP ₹	Std Pkg (nos.)
<b>Metal enclosure: Aluminum Die Cast</b>				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-8AA3	1425.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-8AN3	1535.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-8AM3	2025.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-8AC3	1765.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-8AE3	2240.-	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	2510.-	1
<b>Pendant mounting: Aluminum Die Cast</b>				
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5822-8AC3	2405.-	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	3130.-	1
<b>Plastic Enclosure</b>				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5801-7AA3	815.-	1
1	Red mushroom momentary actuator, with 1NC contact block, "STOP"	■ 3SB5801-7AN3	815.-	1
1	Red maintained mushroom actuator, turn to release, with 1NC contact block, "E-STOP"	■ 3SB5801-7AM3	890.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5802-7AC3	960.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Red mushroom-maintained with 1NC contact block, "STOP"	■ 3SB5802-7AE3	1100.-	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	1220.-	1
<b>Pendant mounting: Plastic</b>				
1	Normal opaque push button - Green with 1NO contact block, "START"	■ 3SB5821-7AA3	1760.-	1
2	Normal opaque push button - Green with 1NO contact block, "START" + Normal opaque push button - Red with 1NC contact block, "STOP"	■ 3SB5822-7AC3	2150.-	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	2820.-	1



### Accessories for push button stations

Description	Type	Unit LP ₹	Std Pkg (nos.)
<b>Plastic Enclosures</b>			
1 way, Grey	3SB5801-0AC3	595.-	1
2 way, Grey	3SB5802-0AC3	505.-	1
3 way, Grey	3SB5803-0AC3	520.-	1
4 way, Grey	3SB5804-0AC3	1135.-	1
6 way, Grey	3SB5806-0AC3	1580.-	1
1 way, Yellow	3SB5801-0AD3	595.-	1
<b>Metal Enclosures</b>			
1 way	3SB5801-4AC3	1205.-	1
2 way	3SB5802-4AC3	1310.-	1
3 way	3SB5803-4AC3	1820.-	1
<b>Contact Block</b>			
Contact block for base mounting, 1NO	■ 3SB54200B	125.-	10
Contact block for base mounting, 1NC	■ 3SB54200C	125.-	10
<b>Inscription Labels (set of 11 labels)</b>			
Set of 11 labels: Start, Stop, On, OFF, Up, Down, Open, Close Forward, Reverse, Emergency Off	3SB5901-3EA	235.-	10
<b>Blanking plug</b>			
Blanking plug	3SB5912-0BC	65.-	10

## Accessories

Description	Type	Unit LP ₹	Std Pkg (nos.)	
Inscription plates	START	■ 3SB5901-2EL	10	
	STOP	■ 3SB5901-2EK	10	
	ON	■ 3SB5901-2EB	10	
	OFF	■ 3SB5901-2EC	10	
	UP	3SB5901-2ED	10	
	DOWN	3SB5901-2EE	10	
	FORWARD	3SB5901-2EF	10	
	SLOW	3SB5901-2ES	10	
	FAST	3SB5901-2ER	10	
	REVERSE	3SB5901-2EG	10	
	BLANK	3SB5901-2AA	10	
TRIP	3SB5901-2EA	10		
Thrust cap for Push Buttons (for actuating middle module)	■ 3SB5902-0AA	45.-	10	
Thrust pad for Selector Actuators (for actuating middle module)	■ 3SB5912-0AN	45.-	10	
Adaptor plate for replacing 30 mm PB by 22 mm	■ 3SB5921-0AE	45.-	10	
E-stop Yellow dia. 75 mm for Mushroom - Blank (Yellow contrast label)	3SB5921-0AB	45.-	10	
E-stop Yellow dia. 75mm with "EMERGENCY STOP" printing	3SB5921-0AD	45.-	10	
Protective Cap (IP-67) for	Normal	3SB5902-0AK	60.-	10
	Raised	3SB5902-0AN		
Metallic holder for front connection actuators (when used outside 3SB508 stations)	3SB5911-1AA	75.-	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

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


**SIEMENS**

## Position Switches - 3SE5

### Open Type 30mm



Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 1NC	3SE5250-0CC05	655.-	10
		Slow Action		3SE5250-0BC05	625.-	10

### Open Type 30mm

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Open		Snap Action	1NO + 2NC	3SE5250-0LC05	1015.-	10
		Slow Action	1NO + 2NC	3SE5250-0KC05		10
		Slow action contacts with make before break	1NO + 2NC	3SE5250-0MC05		10
		Slow action	2NO + 1 NC	3SE5250-0PC05		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	730.-	1
		Slow Action	1NO + 1NC	3SE5232-0BC05	705.-	1
		Snap Action	1NO + 2NC	3SE5232-0LC05	1065.-	1
		Slow Action	1NO + 2NC	3SE5232-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5232-0MC05		1
		Slow Action	2NO + 1NC	3SE5232-0PC05		1
50mm (IP 66/67)		Snap Action	1NO + 1NC	3SE5242-0CC05	780.-	1
		Slow Action	1NO + 1NC	3SE5242-0BC05	715.-	1
		Snap Action	1NO + 2NC	3SE5242-0LC05	1150.-	1
		Slow Action	1NO + 2NC	3SE5242-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5242-0MC05		1
		Slow Action	2NO + 1NC	3SE5242-0PC05		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	1160.-	1
		Slow Action	1NO + 1NC	3SE5212-0BC05	1050.-	1
		Snap Action	1NO + 2NC	3SE5212-0LC05	1245.-	1
		Slow Action	1NO + 2NC	3SE5212-0KC05		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5212-0MC05	1320.-	1
		Slow Action	2NO + 1NC	3SE5212-0PC05		1
40mm		Snap Action	1NO + 1NC	3SE5112-0CA00	1250.-	1
		Slow Action	1NO + 1NC	3SE5112-0BA00	1120.-	1
		Snap Action	1NO + 2NC	3SE5112-0LA00	1350.-	1
		Slow Action	1NO + 2NC	3SE5112-0KA00		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5112-0MA00	1420.-	1
		Slow Action	2NO + 1NC	3SE5112-0PA00		1
56mm		Snap Action	1NO + 1NC	3SE5122-0CA00	1400.-	1
		Slow Action	1NO + 1NC	3SE5122-0BA00	1280.-	1
		Snap Action	1NO + 2NC	3SE5122-0LA00	1785.-	1
		Slow Action	1NO + 2NC	3SE5122-0KA00		1
		Slow-action contacts with make-before-break	1NO + 2NC	3SE5122-0MA00	1940.-	1
		Slow Action	2NO + 1NC	3SE5122-0PA00		1



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

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD03	265.-	5
Roller lever		3SE5000-0AE10	135.-	5
Angular Roller lever		3SE5000-0AF10	165.-	5
Part turn actuator for twist lever		3SE5000-0AK00	140.-	5
Twist Lever		3SE5000-0AA21#	115.-	5
Twist Lever (Adjustable)		3SE5000-0AA50#	230.-	5
Twist lever 50mm dia (Adjustable) Rubber Roller		3SE5000-0AA58#	345.-	5
Twist lever 50mm dia (Adjustable) Plastic roller <b>NEW</b>		3SE5000-0AA57#	255.-	5

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

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller Plunger		3SE5000-0AD04	300.-	5
Roller lever		3SE5000-0AE11	205.-	5
Part turn actuator for twist lever		3SE5000-0AK00	140.-	5
Twist Lever (Adjustable)		3SE5000-0AA51#	270.-	5
Plain Plunger		3SE5000-0AB01	380.-	5

**Plastic Roller Actuators heads for metal 40mm and 56mm**

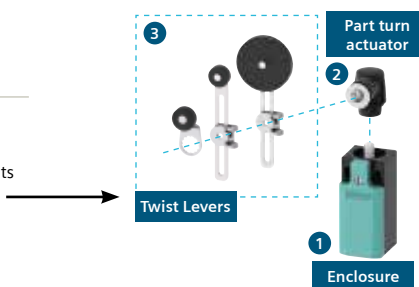
Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Roller lever		3SE5000-0AE01	195.-	5
Angular Roller lever		3SE5000-0AF01	355.-	5
Part turn actuator for twist lever		3SE5000-0AH00	285.-	5
Twist Lever		3SE5000-0AA01#	135.-	5
Twist Lever (Adjustable)		3SE5000-0AA50#	230.-	5
Fork type		3SE5000-0AT01\$	165.-	5
Mounting Head for Fork Type		3SE5000-0AT10	1475.-	5
Twist lever 50mm dia (Adjustable)		3SE5000-0AA58#	345.-	5
Twist lever 50mm dia (Adjustable) Plastic roller <b>NEW</b>		3SE5000-0AA57#	255.-	5

**Metal Roller Actuators heads for metal 40mm and 56mm**

Actuator Type	Actuators heads	Type	Unit LP ₹	Std. pkg. (nos.)
Rounded Plunger		3SE5000-0AC02	240.-	5
Roller Plunger		3SE5000-0AD02	360.-	5
Roller lever		3SE5000-0AE02	325.-	5
Angular Roller lever		3SE5000-0AF02	400.-	5
Part turn actuator for twist lever		3SE5000-0AH00	285.-	5
Twist Lever		3SE5000-0AA02#	160.-	5
Twist Lever (Adjustable)		3SE5000-0AA51#	270.-	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



## Spare and Accessories


Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Empty enclosures		Empty enclosures without contact block	3SE5250-0AC05	270.-	10



## Spares for Open &amp; enclosed switch

Actuator Type		Contact Arrangement	No. of Contacts	Type	Unit LP ₹	Std. pkg. (nos.)
Contact block		Slow action	1NO + 1NC	3SE5050-0BA00*	555.-	10
		Snap action		3SE5050-0CA00*		10
		Slow action		3SE5000-0BA00		10
		Snap action		3SE5000-0CA00		10
		Slow action	1NO + 2NC	3SE5000-0KA00	705.-	10
		Snap action		3SE5000-0LA00		10
		Slow-action contacts with make-before-break	2NO + 1 NC	3SE5000-0MA00	740.-	10
		Slow action		3SE5000-0PA00		10

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

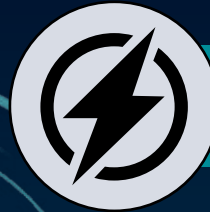
\* Suitable for Open execution

Actuator Type		Description	Type	Unit LP ₹	Std. pkg. (nos.)
Cable gland		Molded Plastic Cable Gland, M20X1.5	3SX9926	775.-	5

Actuator Type		Type	Type	Unit LP ₹	Std. pkg. (nos.)
31MM		Plastic	3SE5232-0AC05	500.-	1
50MM			3SE5242-0AC05	740.-	1
31MM		Metal	3SE5212-0AC05	840.-	1
40MM			3SE5112-0AA00	1015.-	1
56MM			3SE5122-0AA00	1140.-	1

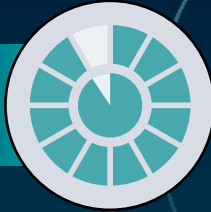
# Betagard 5SL MCBs – Inspiring Safety

Terminal covers for protection



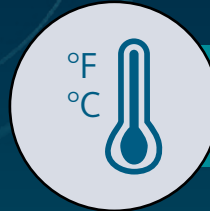
High Breaking capacity (Icn)

High Endurance Cycle



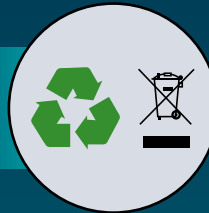
Very low watt loss

Ergonomic Handle for Identification



High ambient temperature

RoHS Compliant



With SLR

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

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







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

# Betagard Miniature Circuit Breakers 5SL6, with C Characteristics



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

7500A	Rated Current $I_n$ (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)		
1P, 240/415V AC  	0.5	1	5SL61057RC	508.-	1/12		
	1		■ 5SL61017RC	508.-	1/12		
	2		5SL61027RC	508.-	1/12		
	3		5SL61037RC	508.-	1/12		
	4		■ 5SL61047RC	508.-	1/12		
	6		■ 5SL61067RC	315.-	1/12		
	8		5SL61087RC	315.-	1/12		
	10		■ 5SL61107RC	315.-	1/12		
	13		5SL61137RC	315.-	1/12		
	16		■ 5SL61167RC	315.-	1/12		
	20		■ 5SL61207RC	315.-	1/12		
	25		5SL61257RC	315.-	1/12		
	32		5SL61327RC	315.-	1/12		
	40		5SL61407RC	693.-	1/12		
	50		5SL61507RC	797.-	1/12		
63	5SL61637RC	797.-	1/12				
2P, 415V AC  	0.5	2	5SL62057RC	1421.-	1/6		
	1		5SL62017RC	1421.-	1/6		
	2		5SL62027RC	1421.-	1/6		
	3		5SL62037RC	1421.-	1/6		
	4		5SL62047RC	1421.-	1/6		
	6		■ 5SL62067RC	1064.-	1/6		
	8		5SL62087RC	1064.-	1/6		
	10		■ 5SL62107RC	1064.-	1/6		
	13		5SL62137RC	1064.-	1/6		
	16		5SL62167RC	1064.-	1/6		
	20		■ 5SL62207RC	1064.-	1/6		
	25		5SL62257RC	1064.-	1/6		
	32		5SL62327RC	1064.-	1/6		
	40		5SL62407RC	1493.-	1/6		
	50		5SL62507RC	1753.-	1/6		
63	5SL62637RC	1753.-	1/6				
3P, 415V AC  	0.5	3	5SL63057RC	1996.-	1/4		
	1		5SL63017RC	1996.-	1/4		
	2		5SL63027RC	1996.-	1/4		
	4		5SL63047RC	1996.-	1/4		
	6		■ 5SL63067RC	1598.-	1/4		
	10		■ 5SL63107RC	1598.-	1/4		
	16		■ 5SL63167RC	1598.-	1/4		
	20		5SL63207RC	1598.-	1/4		
	25		5SL63257RC	1598.-	1/4		
	32		■ 5SL63327RC	1598.-	1/4		
	40		■ 5SL63407RC	2237.-	1/4		
	50		5SL63507RC	2498.-	1/4		
	63		■ 5SL63637RC	2498.-	1/4		
	4P, 415V AC  		0.5	4	5SL64057RC	2755.-	1/3
			1		5SL64017RC	2755.-	1/3
2		5SL64027RC	2755.-		1/3		
4		5SL64047RC	2755.-		1/3		
6		5SL64067RC	2210.-		1/3		
10		5SL64107RC	2210.-		1/3		
16		5SL64167RC	2210.-		1/3		
20		5SL64207RC	2210.-		1/3		
25		5SL64257RC	2210.-		1/3		
32		5SL64327RC	2210.-		1/3		
40		■ 5SL64407RC	2855.-		1/3		
50		5SL64507RC	3306.-		1/3		
63		■ 5SL64637RC	3306.-		1/3		

Miniature Circuit Breakers

■ Stock items

Note:

\* MRP - Maximum Retail Price

# 1MW (Module Width) = 18mm

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





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



# Betagard Miniature Circuit Breakers 5SL4, with C characteristics



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

10000A	Rated Current $I_n$ (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
1P, 240/415V AC  	0.5	1	5SL41057RC	567.-	1/12
	2		■ 5SL41027RC	567.-	1/12
	3		5SL41037RC	567.-	1/12
	4		5SL41047RC	567.-	1/12
	6		■ 5SL41067RC	367.-	1/12
	8		5SL41087RC	367.-	1/12
	10		■ 5SL41107RC	367.-	1/12
	13		5SL41137RC	367.-	1/12
	16		■ 5SL41167RC	367.-	1/12
	20		■ 5SL41207RC	367.-	1/12
	25		5SL41257RC	367.-	1/12
	32		■ 5SL41327RC	367.-	1/12
	40		5SL41407RC	800.-	1/12
	50		5SL41507RC	824.-	1/12
63	5SL41637RC	824.-	1/12		
2P, 415V AC  	0.5	2	5SL42057RC	1592.-	1/6
	2		■ 5SL42027RC	1592.-	1/6
	3		5SL42037RC	1592.-	1/6
	4		■ 5SL42047RC	1592.-	1/6
	6		■ 5SL42067RC	1141.-	1/6
	8		5SL42087RC	1141.-	1/6
	10		■ 5SL42107RC	1141.-	1/6
	13		5SL42137RC	1141.-	1/6
	16		■ 5SL42167RC	1141.-	1/6
	20		■ 5SL42207RC	1141.-	1/6
	25		5SL42257RC	1141.-	1/6
	32		5SL42327RC	1141.-	1/6
	40		5SL42407RC	1840.-	1/6
	50		5SL42507RC	1840.-	1/6
63	5SL42637RC	1840.-	1/6		
3P, 415V AC  	0.5	3	5SL43057RC	2572.-	1/4
	2		5SL43027RC	2572.-	1/4
	3		5SL43037RC	2572.-	1/4
	4		5SL43047RC	2572.-	1/4
	6		■ 5SL43067RC	1916.-	1/4
	8		5SL43087RC	1916.-	1/4
	10		■ 5SL43107RC	1916.-	1/4
	13		5SL43137RC	1916.-	1/4
	16		■ 5SL43167RC	1916.-	1/4
	20		■ 5SL43207RC	1916.-	1/4
	25		5SL43257RC	1916.-	1/4
	32		■ 5SL43327RC	1916.-	1/4
	40		5SL43407RC	2900.-	1/4
	50		5SL43507RC	2900.-	1/4
63	■ 5SL43637RC	2900.-	1/4		
4P, 415V AC  	0.5	4	5SL44057RC	3233.-	1/3
	2		5SL44027RC	3233.-	1/3
	3		5SL44037RC	3233.-	1/3
	4		5SL44047RC	3233.-	1/3
	6		5SL44067RC	2653.-	1/3
	8		5SL44087RC	2653.-	1/3
	10		5SL44107RC	2653.-	1/3
	13		5SL44137RC	2653.-	1/3
	16		5SL44167RC	2653.-	1/3
	20		5SL44207RC	2653.-	1/3
	25		5SL44257RC	2653.-	1/3
	32		■ 5SL44327RC	2653.-	1/3
	40		5SL44407RC	3619.-	1/3
	50		5SL44507RC	3619.-	1/3
63	■ 5SL44637RC	3619.-	1/3		

■ Stock items

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

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



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

# Betagard Residual Current Circuit Breakers 5SV



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




## Type AC, applicable in networks for AC residual currents

		Rated residual current $I_{\Delta n}$ (mA)	Rated Current $I_n$ (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2 Pole	30	25	2	■ 5SV43120RC	4185.-	1
		100	25		5SV44120RC	4370.-	1
		300	25		5SV46120RC	4515.-	1
		30	40		■ 5SV43140RC	4905.-	1
		100	40		5SV44140RC	5120.-	1
		300	40		5SV46140RC	5315.-	1
		30	63		■ 5SV43160RC	6560.-	1
		100	63		5SV44160RC	6605.-	1
		300	63		5SV46160RC	7025.-	1
		30	80		5SV43170RC	10140.-	1
		100	80		5SV44170RC	10545.-	1
		300	80		5SV46170RC	10545.-	1
			4 Pole		30	25	4
100	25			5SV44420RC	5810.-	1	
300	25			5SV46420RC	6025.-	1	
30	40			■ 5SV43440RC	5670.-	1	
100	40			5SV44440RC	5890.-	1	
300	40			5SV46440RC	6115.-	1	
30	63			■ 5SV43460RC	6605.-	1	
100	63			5SV44460RC	6870.-	1	
300	63			5SV46460RC	7115.-	1	
30	80			5SV43470RC	10140.-	1	
100	80			5SV44470RC	10545.-	1	
300	80			5SV46470RC	10545.-	1	

Residual Current Devices

## Betagard Isolators 5TL1

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

		Rated Current $I_n$ (A)	MW#	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	2-pole	40	2	5TL12400	875.-	1/1
		63		5TL12630	1150.-	1/1
		80		5TL12800	1505.-	1/1
		100		5TL12910	1915.-	1/1
		125		5TL12920	1995.-	1/1
		40		5TL13400	1625.-	1/1
	3-pole	63	3	5TL13630	1820.-	1/1
		80		5TL13800	2205.-	1/1
		100		5TL13910	2315.-	1/1
		125		5TL13920	2500.-	1/1
		40		5TL14400	1905.-	1/1
		63		5TL14630	2170.-	1/1
	4-pole	80	4	5TL14800	2610.-	1/1
		100		5TL14910	3135.-	1/1
		125		5TL14920	3400.-	1/1

■ Stock items

Note:

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


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

# Betagard Accessories

## Accessories for 5SL MCBs, 5TL isolators and 5SV RCCBs

	Item Description	Reference No	Unit MRP* ₹	Std. Pkg.** (Nos.)
	<b>Aux contact block</b> (For 5SL/5SY/5SP4/5TL/5SV/5SU1)			
	1NO+1NC	5ST3010	1575.-	12
	2NO	5ST3011	1605.-	1
	2NC	5ST3012	1605.-	1
	1CO	5ST3016	2545.-	1
	<b>Fault signal contact</b> (For 5SL/5SY/5SP4/5SV/5SU1)			
	1NO+1NC	5ST3020	2310.-	1
	2NO	5ST3021	2355.-	1
	2NC	5ST3022	2355.-	1
	<b>Shunt release</b> (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	110...415V AC	5ST3030	6490.-	1/5
	24...48V DC	5ST3031	6490.-	1/5
	<b>Auxiliary and fault signal changeover contact</b> (For 5SL/5SY/5SP4/5TL/5SV/5SU1)	5ST3062	7485.-	1
	Auxiliary switch - 1CO Fault contact - 1CO			
	<b>Auxiliary contact block for 5SM3 100-125A 4pole</b>			
	1NO+1NC	5SW3330	14540.-	1/10
	<b>Undervoltage release</b> (For 5SL5/5SL7/5SY/5SP4/5SV/5SU1)			
	With integrated aux. switch			
	230V AC	5ST3040	8710.-	1/5
	110V DC	5ST3041	8710.-	1/5
	24V DC	5ST3042	8710.-	1/5
	Without integrated aux. switch			
230V AC	5ST3043	8710.-	1/5	
110V DC	5ST3044	8710.-	1/5	
24V DC	5ST3045	8710.-	1/5	
	Remote control mechanism unit			
	Basic version for 5SL,5SY,5TL1 and 5SU1 (1P+N only) (12-30)VAC & (12-48)VDC, 1.5MW	5ST3053	38860.-	1
	230VAC, 2MW	5ST3054	38860.-	1
	Power version for 5SL,5SY,5TL1 and 5SU1 (12-30)VAC & (12-48)VDC, 2MW	5ST3055	65755.-	1
	230VAC, 2MW	5ST3056	65755.-	1
	Adapter for Remote control mechanism (To be ordered along with 5ST305X basic unit)			
	For 5SL - 1P & 2P, 5SV - 4P	5ST38206	820.-	1
	For 5SL - 3P & 4P	5ST38207	820.-	1
	For 5SY - 1P & 2P and For 5SU1^ - 2P, 4M	5ST38201	820.-	1
	For 5SY - 3P & 4P and For 5SU1^ - 4P, 7M	5ST38202	820.-	1
	For 5SU1 - 2P, 2M	5ST38205	820.-	1
	^ Add-on block for 5SU1 to be ordered along with Adapter	5ST38203	1785.-	1
	<b>Handle locking device</b>			
	for 5SP and 5SY circuit breakers for padlock with max. 3mm shackle	5ST3801	805.-	1
	for 5SL circuit breakers, 5TL1 isolators and 5SV residual current circuit breakers for padlock with max. 3 to 6 mm shackle	5ST3806	765.-	5
	Pad locks for 5ST3801 and 5ST3806 handle locking devices	5ST3802	520.-	5
	Handle connector for 2P, 2M 5SU1 RCBO <sup>5</sup> (1set = 5 units in poly bag)	5ST38051	1610.-	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 <sup>55</sup>	5ST38140RC	2890.-	1

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

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

\$\$ Not suitable for 1P variants

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



# 5SD Surge Protection Devices

## Safe & Reliable

Surge Protection Devices are available in the following types:

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

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

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

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# Surge Protection Devices

## For protection of equipment against Lightning and Switching surges

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

### Type 1: Lightning Surge Arresters

- Maximum continuous operating voltage  $U_c$ : 350V



Reference No.	Rated voltage	Pole	Module width	Total $I_{imp}$ (10/350 $\mu$ s)	$I_{max}$ (8/20 $\mu$ s)	Remote status	Unit LP* ₹
5SD74121RC	240V AC	1P+N	4	50kA	50kA	Yes	22870.-
5SD74141RC	240/415V AC	3P+N	8	100kA	50kA	Yes	44515.-

### Type 2: Surge Arresters



Reference No.	Rated voltage	Pole	Module width	$U_c$	$I_{max}$ (8/20 $\mu$ s)	Remote status	Unit LP* ₹
5SD74610RC	240V AC	1P	1	335V AC	20kA	No	3740.-
5SD74640RC	240/415V AC	3P+N	4	335V AC	40kA	No	11115.-

### Surge Arresters for Photovoltaic application

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

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



Reference No.	Rated voltage	Pole	Module width	$U_{cpv}$	$I_{max}$ (8/20 $\mu$ s)	Remote status	Unit LP* ₹
5SD74836RC	1170V DC	L+ and L-	3	1170V DC	40kA	No	6315.-

Note: Standard packing: 1 unit

\*LP: List Price



# Surge Protection Devices

For protection of equipment against Lightning and Switching surges

## Type 1: Lightning Surge Arresters

For TN-S/ TT system

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



5SD74121



5SD74141

Rated voltage $U_N$	Backup fuse rating	Protection level	Lightening impulse current $I_{mp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240V AC	125A gL/gG	1.5-2.5kV	25kA	100kA	1P+N	5SD74121	Price on request
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 $I_{mp}(10/350\mu s)$		Pole	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE			
240/415V AC	125A gL/gG	$\leq 1.5kV$	25kA/75kA	-	3P	5SD74131	109255.-

## Type 2: Surge Arresters

For TN-S/ TT system

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

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



5SD74641



5SD7422-0

Rated voltage $U_N$	Backup fuse rating	Protection level $U_p$	Rated discharge current $I_n$ (8/20usec)		Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE), 1P/3P	N-PE				
240/415V	80A gL/gG	1.5-1.9kV	40kA	40kA	3P+N	No	5SD74640	Price on request
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 $I_{max}$	Pole	Remote signaling	Reference No.	Unit LP* ₹
			L-N or L-(PE)N, 1P				
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	No	5SD74630	37020.-
240/415V	80A gL/gG	$\leq 1.5kV$	40kA	3P	Yes	5SD74631	38715.-

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

Note: Standard packing: 1 unit

\* LP : List Price

# 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	17550.-
120V AC 150V DC	26A	0.95kV	3kA	2P	5SD74326	19120.-
240V AC 240V DC	26A	1.5kV	3kA	2P	5SD74327	19630.-

## Surge arresters for photovoltaic application

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



5SD74836

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

## Replacement Plug



SPD Type	Type	Connection	Reference No.	Unit LP* ₹
5SD74121	Type 1	L-N	5SD74181	30800.-
5SD74131				
5SD74141				
5SD74121		N-PE	5SD74180	32285.-
5SD74131				
5SD74141				
5SD7463-0/1	Type 2	L-N	5SD74681	9045.-
5SD7464-0/1				
5SD7464-0/1		N-PE	5SD74880	11345.-
5SD7422-0/1				
5SD7422-0/1		N-PE	5SD74280	11775.-
5SD7422-0/1				
5SD7483-6	PV	-	5SD74983	Price on request

\* 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: 1 unit  
\* LP - List Price



# 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.)
<b>Changeover switches</b>						
<b>Standards: IEC 60947-3/DIN EN 60947-3</b>						
	1C/O, 230V	20	1	5TE8161	3730.-	1/10
	2C/O, 400V	20	1	5TE8162	5635.-	1/10
	Group switch, center position, 2C/O, 400V	20	1	5TE8142	6805.-	1/10
<b>Insta Contactors</b>						
<b>Standards: EN 60947-4-1, EN 60947-5-1</b>						
	2NO contacts, 230Vac	20	1	5TT58000	4500.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	40	3	5TT58410	12310.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc (1NC contact rated for 30A)	40	3	5TT58412	12365.-	1/5
	4NO contacts, 230Vac/220Vdc	40	3	5TT58400	12405.-	1/5
	4NO contacts, 24Vac/24Vdc	40	3	5TT58402	12385.-	1/5
	3NO+1NC contacts, 230Vac/220Vdc (1NC contact rated for 30A)	63	3	5TT58510	19270.-	1/5
	3NO+1NC contacts, 24Vac/24Vdc, (1NC contact rated for 30A)	63	3	5TT58512	19625.-	1/5
	4NO contacts, 230Vac/220Vdc	63	3	5TT58500	15720.-	1/5
	4NO contacts, 24Vac/24Vdc	63	3	5TT58502	15750.-	1/5
<b>Insta Contactors Manual / Automatic with Switching Indicator</b>						
<b>Standards: IEC60947-4-1, IEC60947-5-1</b>						
	2NO contacts, 230Vac	20	1	5TT58006	5990.-	1/5
	1NO+1NC contacts, 230Vac	20	1	5TT58016	8805.-	1/5
	4NO contacts, 230Vac	25	2	5TT58306	9050.-	1/5
	4NO contacts, 400Vac	40	3	5TT58406	18220.-	1/5
	4NO contacts, 400Vac	63	3	5TT58506	23870.-	1/5
<b>Accessories</b>						
	Control Switch with 1 Make and 1 Break Contact For AC 230V/400V For 5TT58 and 5TT50			5TT59101	5490.-	1/10

Note:






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

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





# Modular Devices




	Item Description	Rated Current $I_n$ (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
<b>Twilight switch</b>						
	Twilight Switch with light sensor 230 V, 50/60 Hz, 1MW, 16A			7LQ2300	Price on request	1
<b>Voltage Relays</b> Standards: IEC 60255, DIN VDE 0435-303						
	Voltage relay for undervoltage monitoring of 1,2,3 phases against N with phase failure detection, Switching thresholds 07-0.9xV, not adjustable; 2 C/O contacts, 4A, 230/400Vac	4	2	5TT3402	19945.-	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, 230/400Vac	4	2	5TT3407	36480.-	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, 230/400Vac	4	2	5TT3408	37555.-	1
<b>RYG 3 phase indicator in 1MW</b>						
	3 phase indicator (all with green color cap)		1	5TE5802	5015.-	1/10
	3 phase indicator (red/yellow/green)		1	5TE5803	4770.-	1/10
	Transparent cap (1 set = 3 items, R, Y, G lens)			5TG8070	1280.-	1/10
<b>Power ON Indicator (Economy Version) 230 Vac, 1 Phase</b>						
	Light indicators for max. cable length up to 5 m with 1 red lamp		1	5TE5800	2990.-	1/12
	Light indicators for max. cable length up to 250 m with 1 red lamp		1	5TE5804	3800.-	1/12
	Transparent cap (Red) (1 set 5x each red/transparent)			5TG8061	1650.-	5
	Transparent cap (Green) (1 Set with 5x each green/transparent)			5TG8062	1650.-	5
	Transparent cap (Yellow) (1 Set with 5x each yellow/transparent)			5TG8063	1650.-	5
	Transparent cap (Blue) (1 Set with 5x each blue/transparent)			5TG8064	1650.-	5
<b>Fuse Monitor</b>						
	Fuse monitors with transparent caps for all low voltage fuse systems, 230Vac	4	2	5TT3170	15645.-	1

Note:

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

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

## Modular Devices

	Item Description	Rated Current $I_n$ (A)	MW#	Reference No	Unit LP* ₹	Std. Pkg.** (Nos.)
<b>Time Switches (Digital)</b>						
	Mini digital, daily/weekly program, 100 hours reserve, 230Vac	16	1	7LF45015	11645.-	1
	Yearly time switch top digital 230V, 1 channel	16	2	7LF45110	14255.-	1
	Yearly time switch top digital 230V, 2 channel	16	2	7LF45120	27295.-	1
	Weekly time switch profi digital 230V, 1 channel	16	2	7LF45210	25430.-	1
	Weekly time switch profi digital 230V, 2 channel	16	2	7LF45220	32890.-	1
	Weekly time switch astro digital 230V, 1 channel	16	2	7LF45310	25635.-	1
	Weekly time switch astro digital 230V, 2 channel	16	2	7LF45320	58940.-	1
<b>Time Switches (Mechanical)</b> Standards: EN 60730-1						
 7LF53005	Quartz time switch Day 1 NO 230V/50-60Hz 1 MW with power reserve	16	1	7LF53011	15775.-	1
	Synchronous time switches without power reserve, for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53005	8705.-	1
	Quartz-clock time switches with power reserve for DIN rail mounting, day disk, 1CO, 230V AC	16	3	7LF53016	16755.-	1
	Quartz-clock time switches with power reserve for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53050	18330.-	1
	Synchronous time switches without power reserve, for wall mounting, day disk, 1CO, 250Vac	16	—	7LF53010	10335.-	1
<b>Accessories for Digital Time Switches</b>						
	USB adapter and software			7LF49410	42195.-	1
	Data key profi, astro			7LF49411	4295.-	1

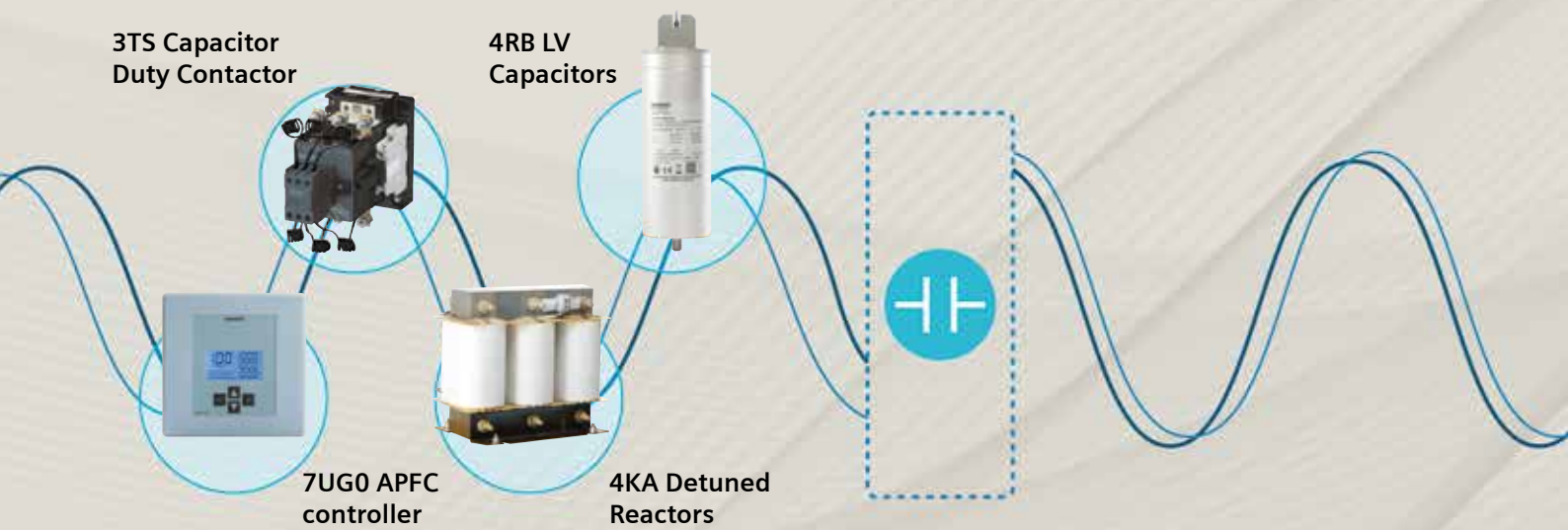
Note:

\* LP - List Price

# 1MW (Module Width) = 18mm

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





# Power Quality Solutions

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

**SIEMENS**



# SIECAP™ LV Power Capacitors

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
440	5	4RB2050-3EE52-8K	2675.-	1
	6	4RB2060-3EE52-8K	2510.-	1
	7	4RB2070-3EE52-8K	2930.-	1
	7.5	4RB2075-3EE52-8K	3145.-	1
	8.3	4RB2083-3EE52-8K	3480.-	1
	9	4RB2090-3EE52-8K	3770.-	1
	10	4RB2100-3EE52-8K	4195.-	1
	12.5	4RB2125-3EE52-8K	4525.-	1
	15	4RB2150-3EE52-8K	5425.-	1
	16.7	4RB2167-3EE52-8K	6030.-	1
	20	4RB2200-3EE52-8K	7220.-	1
	20.8	4RB2208-3EE52-8K	7520.-	1
	25	4RB2250-3EE52-8K	9040.-	1
	28	4RB2280-3EE52-8K	10120.-	1
30	4RB2300-3EE52-8K	10850.-	1	

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ52-8K	2465.-	1
	5.5	4RB2055-3EJ52-8K	2725.-	1
	8.3	4RB2083-3EJ52-8K	3635.-	1
	10.4	4RB2104-3EJ52-8K	4555.-	1
	11.1	4RB2111-3EJ52-8K	4645.-	1
	12.5	4RB2125-3EJ52-8K	4765.-	1
	13.8	4RB2138-3EJ52-8K	5255.-	1
	15	4RB2150-3EJ52-8K	5710.-	1
	16.7	4RB2167-3EJ52-8K	6350.-	1
	20.8	4RB2208-3EJ52-8K	7920.-	1
	25	4RB2250-3EJ52-8K	9510.-	1
	27.7	4RB2277-3EJ52-8K	10540.-	1
	30	4RB2300-3EJ52-8K	11420.-	1

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

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



Std. Pkg. = 1 unit

\* LP - List Price

# SIECAP™ LV Power Capacitors

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

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



Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB2050-3EB53-8K	3280.-	1
	7.5	4RB2075-3EB53-8K	4360.-	1
	10.4	4RB2104-3EB53-8K	6050.-	1
	12.5	4RB2125-3EB53-8K	6565.-	1
	15	4RB2150-3EB53-8K	7880.-	1
	20	4RB2200-3EB53-8K	10505.-	1
	25	4RB2250-3EB53-8K	13130.-	1
440	5	4RB2050-3EE53-8K	3380.-	1
	7.5	4RB2075-3EE53-8K	4360.-	1
	10	4RB2100-3EE53-8K	5815.-	1
	12.5	4RB2125-3EE53-8K	6565.-	1
	15	4RB2150-3EE53-8K	7880.-	1
	20	4RB2200-3EE53-8K	10505.-	1
	25	4RB2250-3EE53-8K	13130.-	1
	28.1	4RB2281-3EE53-8K	14750.-	1
	30	4RB2300-3EE53-8K	15750.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
480	5	4RB2050-3EJ53-8K	3380.-	1
	6.3	4RB2063-3EJ53-8K	3780.-	1
	8.3	4RB2083-3EJ53-8K	4980.-	1
	10.4	4RB2104-3EJ53-8K	5665.-	1
	11	4RB2110-3EJ53-8K	5990.-	1
	12.5	4RB2125-3EJ53-8K	6800.-	1
	13.8	4RB2138-3EJ53-8K	7510.-	1
	15	4RB2150-3EJ53-8K	8160.-	1
	16.7	4RB2167-3EJ53-8K	9080.-	1
	18.7	4RB2187-3EJ53-8K	10170.-	1
	20	4RB2200-3EJ53-8K	10885.-	1
	22	4RB2220-3EJ53-8K	11960.-	1
	25	4RB2250-3EJ53-8K	13590.-	1
	28.1	4RB2281-3EJ53-8K	15280.-	1
	30	4RB2300-3EJ53-8K	16310.-	1
525	5	4RB2050-3FC53-8K	3485.-	1
	6.3	4RB2063-3FC53-8K	3910.-	1
	8.3	4RB2083-3FC53-8K	5140.-	1
	10.4	4RB2104-3FC53-8K	5850.-	1
	12.5	4RB2125-3FC53-8K	7040.-	1
	13.2	4RB2132-3FC53-8K	7430.-	1
	15	4RB2150-3FC53-8K	8435.-	1
	16.7	4RB2167-3FC53-8K	9410.-	1
	20	4RB2200-3FC53-8K	11250.-	1
	25	4RB2250-3FC53-8K	14065.-	1
	26.5	4RB2265-3FC53-8K	14910.-	1
	30	4RB2300-3FC53-8K	16880.-	1
	33.1	4RB2331-3FC53-8K	18620.-	1

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

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



Std. Pkg. = 1 unit

\* LP - List Price



# SIECAP™ LV Power Capacitors



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

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

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
415	5	4RB1050-3EB50-8K	3740.-	1
	6.3	4RB1063-3EB50-8K	4180.-	1
	7.5	4RB1075-3EB50-8K	4975.-	1
	10.4	4RB1104-3EB50-8K	6905.-	1
	12.5	4RB1125-3EB50-8K	7495.-	1
	15	4RB1150-3EB50-8K	8995.-	1
	20	4RB1200-3EB50-8K	11995.-	1
	25	4RB1250-3EB50-8K	14995.-	1
	28.1	4RB1281-3EB50-8K	16840.-	1
	30	4RB1300-3EB50-8K	17990.-	1
440	5	4RB1050-3EE50-8K	3860.-	1
	7.5	4RB1075-3EE50-8K	4975.-	1
	10	4RB1100-3EE50-8K	6640.-	1
	10.4	4RB1104-3EE50-8K	6905.-	1
	12.5	4RB1125-3EE50-8K	7495.-	1
	15	4RB1150-3EE50-8K	8995.-	1
	16.7	4RB1167-3EE50-8K	10015.-	1
	20	4RB1200-3EE50-8K	11995.-	1
	25	4RB1250-3EE50-8K	14995.-	1
	28.1	4RB1281-3EE50-8K	16840.-	1
480	5	4RB1050-3EJ50-8K	3860.-	1
	6.3	4RB1063-3EJ50-8K	4315.-	1
	8.3	4RB1083-3EJ50-8K	5690.-	1
	10.4	4RB1104-3EJ50-8K	6460.-	1
	11	4RB1111-3EJ50-8K	6840.-	1
	12.5	4RB1125-3EJ50-8K	7765.-	1
	13.8	4RB1138-3EJ50-8K	8580.-	1
	15	4RB1150-3EJ50-8K	9320.-	1
	16.7	4RB1167-3EJ50-8K	10370.-	1
	18.7	4RB1187-3EJ50-8K	11615.-	1

Rated voltage V	kvar @ 50 Hz	Type	Unit LP* ₹	Std. pkg. (nos.)
525	5	4RB1050-3FC50-8K	3975.-	1
	6.3	4RB1063-3FC50-8K	4465.-	1
	8.3	4RB1083-3FC50-8K	5870.-	1
	10.4	4RB1104-3FC50-8K	6680.-	1
	12.5	4RB1125-3FC50-8K	8035.-	1
	13.2	4RB1132-3FC50-8K	8485.-	1
	15	4RB1150-3FC50-8K	9635.-	1
	16.7	4RB1167-3FC50-8K	10740.-	1
	20	4RB1200-3FC50-8K	12845.-	1
	25	4RB1250-3FC50-8K	16060.-	1
690	26.5	4RB1265-3FC50-8K	17030.-	1
	30	4RB1300-3FC50-8K	19280.-	1
	33.1	4RB1331-3FC50-8K	21265.-	1
	5.3	4RB1053-3GK50-8K	3515.-	1
	6.9	4RB1068-3GK50-8K	4590.-	1
	10.4	4RB1104-3GK50-8K	6905.-	1
	12.5	4RB1125-3GK50-8K	8305.-	1
	14.6	4RB1146-3GK50-8K	9695.-	1
	20	4RB1200-3GK50-8K	13280.-	1
	25	4RB1250-3GK50-8K	16600.-	1

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

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

Std. Pkg. = 1 unit

\* LP - List Price

## 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	18150.-
10kvar	5.67%	4KA1220-3AC01-0AA0	21540.-
12.5kvar	5.67%	4KA1220-4AC01-0AA0	25210.-
15kvar	5.67%	4KA1220-5AC01-0AA0	27235.-
20kvar	5.67%	4KA1220-6AC01-0AA0	29130.-
25kvar	5.67%	4KA1220-7AC01-0AA0	31165.-
5kvar	7%	4KA1220-1AA01-0AA0	18140.-
10kvar	7%	4KA1220-3AA01-0AA0	24880.-
12.5kvar	7%	4KA1220-4AA01-0AA0	26860.-
15kvar	7%	4KA1220-5AA01-0AA0	31020.-
20kvar	7%	4KA1220-6AA01-0AA0	33045.-
25kvar	7%	4KA1220-7AA01-0AA0	34770.-
50kvar	7%	4KA1220-2BA01-0AA0	61950.-
75kvar	7%	4KA1220-3BA03-0AA0	86880.-
100kvar	7%	4KA1220-4BA03-0AA0	109350.-
5kvar	14%	4KA1220-1AB01-0AA0	23880.-
12.5kvar	14%	4KA1220-4AB01-0AA0	40075.-
15kvar	14%	4KA1220-5AB01-0AA0	46925.-
20kvar	14%	4KA1220-6AB01-0AA0	57100.-
25kvar	14%	4KA1220-7AB01-0AA0	64205.-
50kvar	14%	4KA1220-2BB01-0AA0	104260.-
75kvar	14%	4KA1220-3BB03-0AA0	133385.-
100kvar	14%	4KA1220-4BB03-0AA0	193935.-

### Aluminium Detuned Reactors

Bank size	Detuning factor	Type	Unit LP* ₹
5kvar	5.67%	4KA1420-1AC01-0AA0	13485.-
10kvar	5.67%	4KA1420-3AC01-0AA0	17195.-
12.5kvar	5.67%	4KA1420-4AC01-0AA0	18845.-
15kvar	5.67%	4KA1420-5AC01-0AA0	22285.-
20kvar	5.67%	4KA1420-6AC01-0AA0	25410.-
25kvar	5.67%	4KA1420-7AC01-0AA0	25730.-
50kvar	5.67%	4KA1420-2BC01-0AA0	46815.-
5kvar	7%	4KA1420-1AA01-0AA0	14355.-
10kvar	7%	4KA1420-3AA01-0AA0	18470.-
12.5kvar	7%	4KA1420-4AA01-0AA0	20425.-
15kvar	7%	4KA1420-5AA01-0AA0	23025.-
20kvar	7%	4KA1420-6AA01-0AA0	24520.-
25kvar	7%	4KA1420-7AA01-0AA0	26225.-
50kvar	7%	4KA1420-2BA01-0AA0	45090.-
75kvar	7%	4KA1420-3BA03-0AA0	61260.-
100kvar	7%	4KA1420-4BA03-0AA0	80115.-
5kvar	14%	4KA1420-1AB01-0AA0	19545.-
10kvar	14%	4KA1420-3AB01-0AA0	29315.-
12.5kvar	14%	4KA1420-4AB01-0AA0	31900.-
15kvar	14%	4KA1420-5AB01-0AA0	37765.-
20kvar	14%	4KA1420-6AB01-0AA0	41930.-
25kvar	14%	4KA1420-7AB01-0AA0	51160.-
50kvar	14%	4KA1420-2BB01-0AA0	90510.-



\* LP - List Price

Siemens switchgear. Tried, tested, trusted.

## 3TS Capacitor duty Contactors

Now in  
TI - GREY **NEW**

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

### Features and Benefits

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



Capacitor kVAr 415V, 3ph, 50Hz	Built-in aux. contacts	Type®	Unit LP ₹	Built-in aux. contacts	Type®	Unit LP ₹	Std. pkg. (nos.)
5 kvar <b>NEW</b>	1 NO	3TS2110-0A..5-8K†	2420.-				
7 kvar	1 NO	3TS1110-0A..5-8K†	2660.-				
10 kvar <b>NEW</b>	–	3TS2200-0A..5-8K†	2890.-	1NO+1NC	3TS2211-0A..5-8K	3315.-	
12.5 kvar	–	3TS1200-0A..5-8K†	2960.-	1NO+1NC	3TS1211-0A..5-8K	3385.-	1
16 kvar	–	3TS1300-0A..5-8K†	4070.-	1NO+1NC	3TS1311-0A..5-8K	4490.-	1
20 kvar	–	3TS1400-0A..5-8K†	4585.-	1NO+1NC	3TS1411-0A..5-8K	4995.-	1
25 kvar	–	3TS1500-0A..5-8K†	5295.-	1NO+1NC	3TS1511-0A..5-8K	5725.-	1
30 kvar <b>NEW</b>	–	3TS2500-0A..5-8K†	8250.-	1NO+1NC	3TS2511-0A..5-8K	8675.-	1
40 kvar <b>NEW</b>	2 NO + 2 NC	3TS2722-0A..5-8K	14000.-				
50 kvar	2 NO + 2 NC	3TS1722-0A..5-8K	16390.-				

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

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

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

Auxiliary contact blocks

For contactor	Description	Type	Unit LP ₹	Std. pkg. (nos.)
3TS1110-3TS1500	1NO	■ 3TX4010-2A	230.-	10
	1NC	■ 3TX4001-2A	230.-	10

## 3MT7 Capacitor Duty Contactors **NEW**

Capacitor kVar 440V AC, 3Ph, 50Hz	Built-in aux. contacts	Type	Unit LP ₹	Std. pkg. (nos.)
60kVar	1NO+2NC	3MT70060JA126A..	17420.-	1
80kVar	1NO+2NC	3MT70080JA126A..	21385.-	1
100kVar	1NO+2NC	3MT70100JA126A..	22225.-	1

Please add coil code from adjacent table

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

Refer Page No 36 for Capacitor Duty Contactor Spares

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

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



## Automatic Power Factor Correction Relay (APFC relay)

### Features

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



for more info scan QR code



7UG0572-1GT20

Description	Type	Unit LP ₹	Std. pkg. (nos.)
Automatic Power factor correction relay (APFC relay)	8 Stage with LCD display	7UG0571-1FT20	22235.-
	12 Stage with LCD display	7UG0572-1GT20	23815.-
	12 stage with LED display	7UG0572-1GT21	13620.-



# One point contact for your service needs

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

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

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

Toll Free No: 1800220987/18002090987 • E-mail: [ics.india@siemens.com](mailto:ics.india@siemens.com)

**SIEMENS**

# Terms and conditions

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

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

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

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

## Stock items

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

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## Note

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

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

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









# Your partners

## Sales offices:

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