SIEMENS

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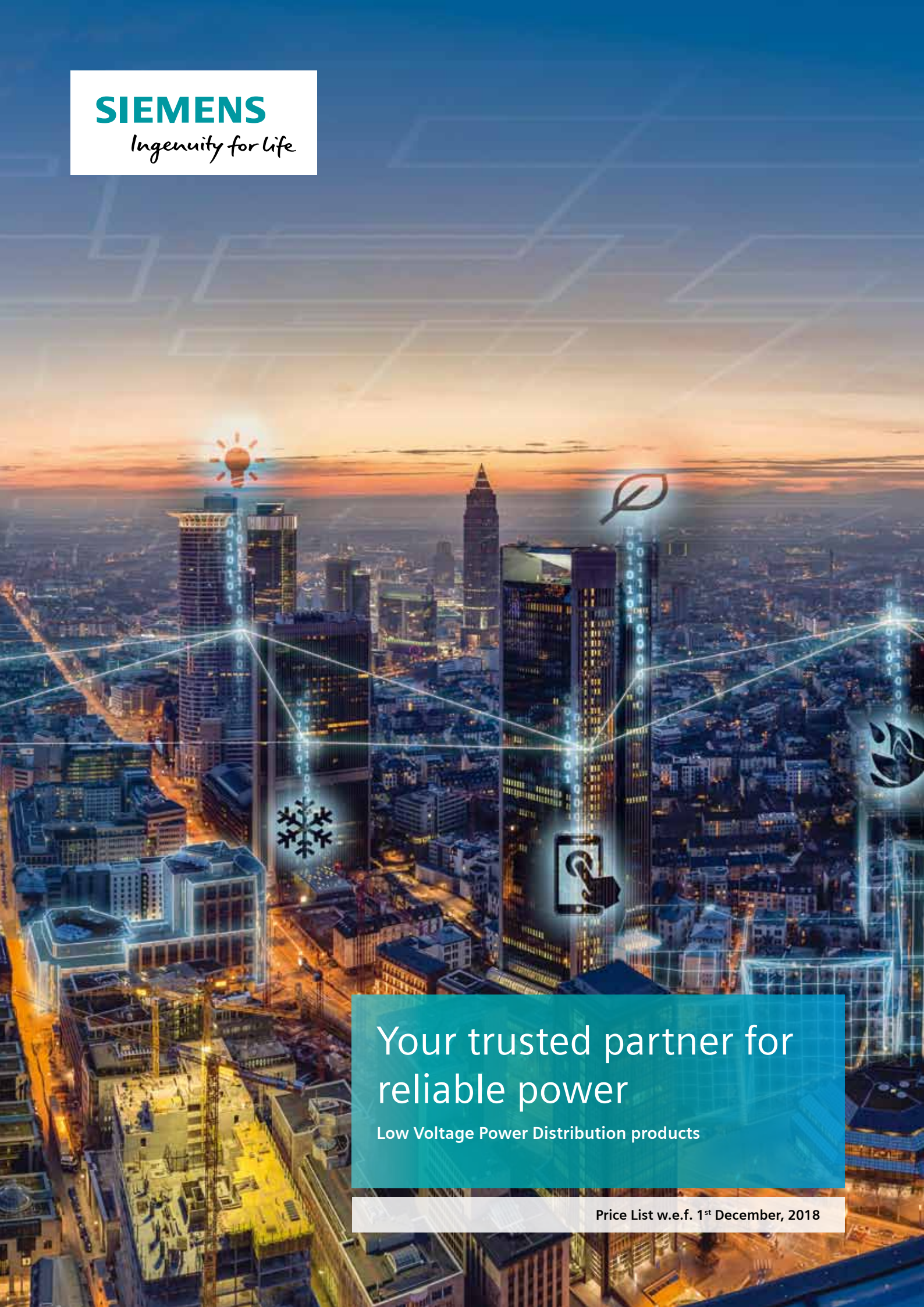

Your trusted partner for reliable power

Low Voltage Power Distribution products

Price List w.e.f. 1st December, 2018

LIST OF SITRAIN - INDIA TRAINING CENTERS

(including Training Service Providers, TSPs)

Title	Days
Training Programmes on Automation	
SIMATIC S71200 with TIA V15	5
SIMATIC S7300 with STEP7 V5.x Basic	5
SIMATIC S7400 with STEP7 V5.x Basic	5
SIMATIC WinCC Explorer V7.x Basic	5
SIMATIC WinCC Explorer V7.x Advance	3
SIMATIC WinCC (TIA Portal) Professional V15	5
SIMATIC S71500 with TIA V15 Basic	5
SIMATIC S71500 with TIA V15 Advance	3
SIMATIC S7300 with STEP7 V5.x Advance	3
SIMATIC S7400 with STEP7 V5.x Advance	3
Networking on PROFIBUS/PROFINET with V5.x	5
Networking on PROFIBUS/PROFINET with TIA Portal V15	3
DCS: SIMATIC PCS7 Basic	10
DCS: SIMATIC PCS7 Advance	10
SIMATIC Distributed (Machine Safety) course	3
SIMATIC Fail-safe (Process Safety) course	3
SIMATIC Industrial Identification	3
SIMATIC Industrial Communication	2
Industrial Networking	3
SCL with STEP7 Classic V5.6	On Request
SCL with TIA Portal V15	
PCS7 CEMAT	

Title	Days
S7Graph with STEP7 Classic V5.6	On Request
S7Graph with TIA Portal V15	
Training Programmes on Digitalization	
Digitalization Auto Engineering	5
Digitalization_Stand_SiVArc	3
Training Programmes on Process Instrumentation	
Process Instrumentation	4
Training Programmes on Drive	
G120 with STARTER	5
SINAMICS G120 with TIA Portal	4
SINAMICS G130/G150	6
SINAMICS S120 Basic	5
SINAMICS S120 Advance	5
SINAMICS S120 Safety functions	3
SIMOTION Basic	5
SIMOTION Advance	5
SINAMICS V90	3
SINAMICS V20	3
SINAMICS DC Master 6RA80	6
SINAMICS Perfect Harmony GH180	5
Application Based Crane Training	5
Basic Course on AC/DC Drive	5
Basic AC Drive with MM4 Maintenance	5

Title	Days
AC Drive SIMOVERT Masterdrive Vector control	6
SIMOREG DC Master 6RA70	6
SIMOTRAS HD	5
SINAMICS GM/GL/SL	On request
Training Programmes on LV Switchgear	
LV Switchgear Products & Coordination	4
LV Switchgear Products, Distribution & Panel	4
SIMOCODE AC-Motor control	3
Basic Automation for Switchgear User	3
AC Motor Basics Control & Maintenance	3
SIRIUS Soft Starter	2
Sentron PAC Meter	2
Sentron Power Manager	On Request
AC MV Motor	
Training Programmes for College	
CU PLC	3
CU SCADA	3
CU AC/DC Drive	4
CU PI	3
CU LV Switchgear	3
CU Motor	2
CU Mechatronics	18

SITRAIN Training Executors in India (Address & Contacts)

SITRAIN India (Kalwa)
Siemens Ltd.
TSDC, Kalwa Works
Opposite Airoli Railway Station
Thane Belapur Road, Airoli
Navi Mumbai - 400708, Maharashtra
Tel: +91-22-39663208
E-mail: customer.training.in@siemens.com

STE-NORTH 1 (Panchkula)
Industrial Automation Training Centre
178, Phase II, Industrial Area
Panchakula -134113
Haryana, India.
Tel: +91-172-5044417
E-mail: info@iatc.in

STE-South-2 (Hyderabad)
Esskay Technologies
9-10-13, 2nd Floor, Siddam ShettyComplex
Canara Bank, Opposite Raymond Showroom
Parklane, Secunderabad - 500003
Tel: +91-40-66776353/040-66386352
E-mail: hydtc@esskay.in

STE-WEST 2 (Digha)
Christiani Sharpline Technical Training (P) Ltd.
Plot No.19, TTC Industrial Area
Vishnu Nagar, Dighe
Navi Mumbai - 400708
Tel: +91-22-39154101/105
E-mail: christiani@sharplinegroup.com

STE-East (Kolkata)
Unit No-207A, 2nd Floor, PS Aviator
Atghara, Rajarhat Newtown, Chinarpark
Kolkata - 700136
Tel: +91-8820378858
E-mail: koltc@esskay.in

STE-South-3 (Chennai)
Vi Microsystems Pvt. Ltd.
Plot No. 75, Electronics Estate, Perungudi
Tamil Nadu, Chennai - 600096
Tel: +91-44-42047536
E-mail: siemens@vimicrosystems.com

STE-Central (Bhilai)
Artech Solutions
2/5 Priyadarshani Parisar (West)
Nehru Nagar Square, Bhilai - 490020
Tel: +91-712-2243338
E-mail: artech.bhilai@gmail.com

STE - SOUTH 1 (Coimbatore)
Karunya – SIEMENS Centre
Karunya University, Karunya Nagar
Coimbatore - 641114
Tel: +91-422-2614400/4399
E-mail: siemens@karunya.edu

STE-WEST 1(Navi-Mumbai)
Esskay Services
Block No. 801-802, B Wing, Techno City
Plot No. X-4/1 & X-4/2, TTC Industrial Area
Mahape, Navi Mumbai - 460710
Tel: +91-22-27788403
E-mail: mumtc@esskay.in

For information on prices of below products please refer to the LV Switchgear Motor Control Products valid Price List

Index

Contents		Page No.
1	**Air Circuit Breakers**	**13-16**
	Air circuit breakers - 3WL	13
	Accessories for 3WL ACBs	13
	Air circuit breakers - 3WT	15
	Accessories for 3WT ACBs	16
	SENTRON Automatic Transfer Controller - ATC 3100 / 6300	16
2	**Moulded Case Circuit Breakers**	**5-11, 18-24**
	Moulded case circuit breakers - SENTRON 3VA	5
	Accessories for 3VA	10
	Moulded case circuit breaker - 3VA27	11
	Moulded case circuit breakers - 3VT1...5	18
	Accessories for 3VT1...5	20
	Moulded case circuit breakers - 3VL	22
	Accessories for 3VL	24
3	**Energy Management System**	**26-28**
	SMART 7KT multifunction meter	26
	Multifunction meter PAC 3100 / 3200 / 4200	26
	Energy Management Software: SENTRON powermanager	26
	DIN rail mounted meters - PAC200/ 3200T	28
4	**Load Break Switches**	**30-35**
	Fuse switch disconnector - 3NP1	30
	Switch disconnector fuse - 3KL 2P/ 3P/ TPN/ TPSN	31
	Switch disconnector fuse - 3KL TPN	32
	Switch disconnector - 3KA	32
	Switch disconnector fuse in SS housing - 3KL	32
	SS Enclosure for 3KL/3KA	32
	Accessories for Superswitch	33
	Fuse Selection Guide for Superswitch	33
	Main control & emergency stop switches - 3LD	34
	Accessories for 3LD	35
	Rotary switches - 3LA0 and 3ST	35

Contents		Page No.
5	**Betagard Modular and Installation Devices**	**38-39**
	Betagard Miniature Circuit Breakers - 5SL6/5SL4	38
	Betagard Circuit Breakers - 5SL7/5SL5	39
6	**Fuses**	**41-44**
	DIN fuses - 3NA / Fuse bases (DIN)	41
	DIN isolating links - 3NG	41
	BS fuses - 3NW	42
	Fuse holders and accessories for fuses - 3NW	42
	Fuses for semiconductor protection - 3NE/ 3NC	43
7	**Type-2 Co-ordination Charts**	**45-48**
8	**Available till stocks last**	**50**
9	**Contact Partners**	
	Training centres	Front cover inside
	Customer care	52
	Terms and conditions	54
	Offices and territory managers	Back cover

SIEMENS

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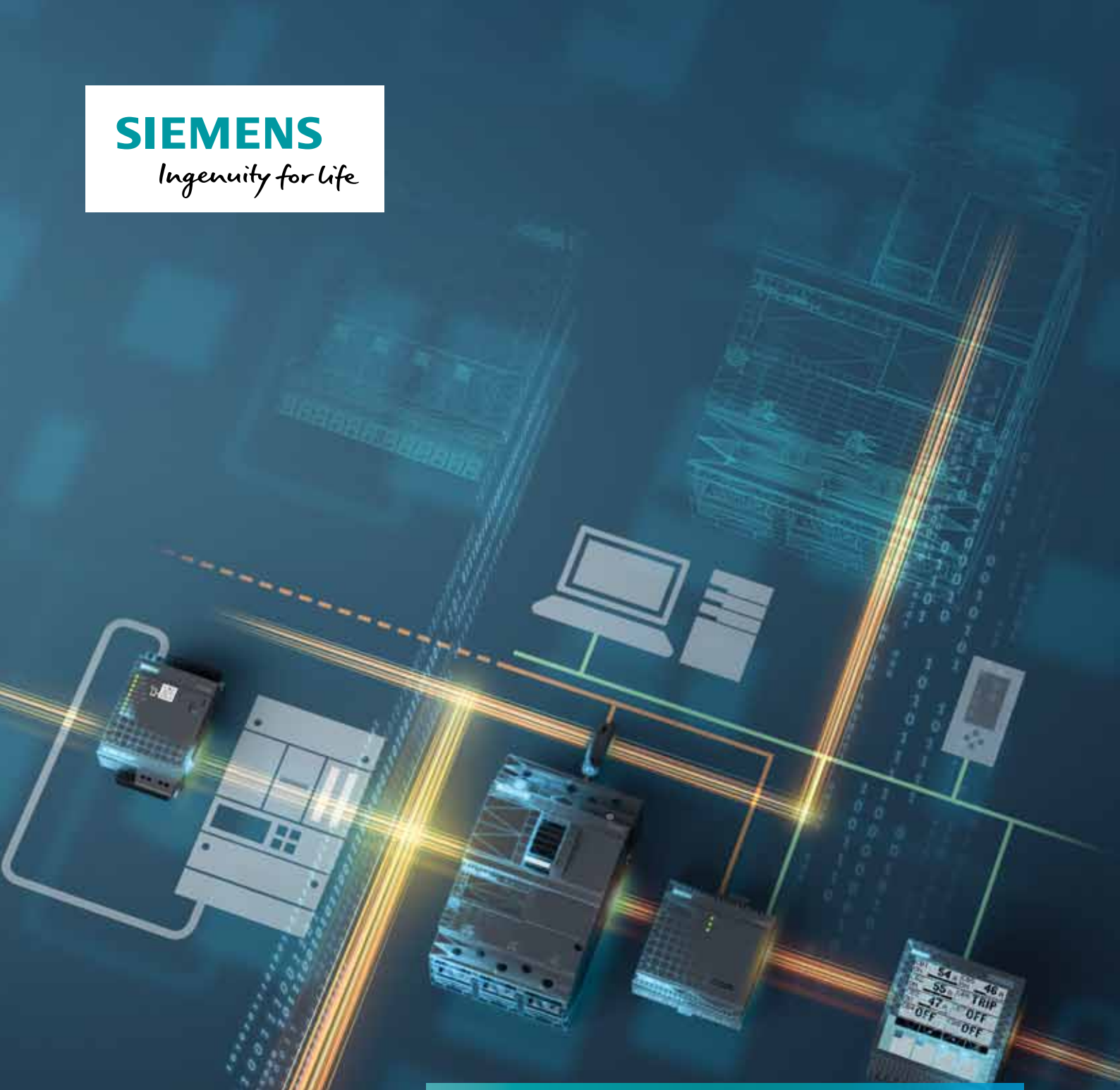

Optimize performance – with condition monitoring

Diagnostic options for 3VA moulded case circuit breakers

www.siemens.com/3VA

MCCB: SENTRON 3VA

- Rated current: 16A to 1000A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Thermal magnetic and Microprocessor based trip unit
- Common Internal accessories for the entire range
- Information on the GO - Unique Knowledge Manager (QR Code) for 24 X 7 Technical Information
- Innovative Accessories viz. Short Circuit Alarm Switch, Illuminated Handle, Shunt Trip Flexible etc

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA10	16kA	16	3VA1096-2ED32-0AA0	7175.-	3VA1096-2ED42-0AA0	9300.-
		20	3VA1020-2ED32-0AA0	7175.-	3VA1020-2ED42-0AA0	9300.-
		25	3VA1025-2ED32-0AA0	7175.-	3VA1025-2ED42-0AA0	9300.-
		32	3VA1032-2ED32-0AA0	7175.-	3VA1032-2ED42-0AA0	9300.-
		40	3VA1040-2ED32-0AA0	7175.-	3VA1040-2ED42-0AA0	9300.-
		50	3VA1050-2ED32-0AA0	7175.-	3VA1050-2ED42-0AA0	9300.-
		63	3VA1063-2ED32-0AA0	7175.-	3VA1063-2ED42-0AA0	9300.-
		80	3VA1080-2ED32-0AA0	7850.-	3VA1080-2ED42-0AA0	10190.-
		100	3VA1010-2ED32-0AA0	9080.-	3VA1010-2ED42-0AA0	11830.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	7365.-	3VA1096-3ED42-0AA0	9615.-
		20	3VA1020-3ED32-0AA0	7365.-	3VA1020-3ED42-0AA0	9615.-
		25	3VA1025-3ED32-0AA0	7365.-	3VA1025-3ED42-0AA0	9615.-
		32	3VA1032-3ED32-0AA0	7365.-	3VA1032-3ED42-0AA0	9615.-
		40	3VA1040-3ED32-0AA0	7365.-	3VA1040-3ED42-0AA0	9615.-
		50	3VA1050-3ED32-0AA0	7365.-	3VA1050-3ED42-0AA0	9615.-
		63	3VA1063-3ED32-0AA0	7365.-	3VA1063-3ED42-0AA0	9615.-
		80	3VA1080-3ED32-0AA0	8015.-	3VA1080-3ED42-0AA0	10430.-
		100	3VA1010-3ED32-0AA0	9275.-	3VA1010-3ED42-0AA0	12070.-
3VA11		125	3VA1112-3ED32-0AA0	15630.-	3VA1112-3ED42-0AA0	20295.-
		160	3VA1116-3ED32-0AA0	18185.-	3VA1116-3ED42-0AA0	23665.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	7775.-	3VA1196-4GD42-0AA0	10760.-
		20	3VA1020-4ED32-0AA0	7775.-	3VA1120-4GD42-0AA0	10760.-
		25	3VA1025-4ED32-0AA0	7775.-	3VA1125-4GD42-0AA0	10760.-
		32	3VA1032-4ED32-0AA0	7775.-	3VA1132-4GD42-0AA0	10760.-
		40	3VA1040-4ED32-0AA0	7775.-	3VA1140-4GD42-0AA0	10760.-
		50	3VA1050-4ED32-0AA0	7775.-	3VA1150-4GD42-0AA0	10760.-
		63	3VA1063-4ED32-0AA0	7775.-	3VA1163-4GD42-0AA0	10760.-
		80	3VA1080-4ED32-0AA0	8160.-	3VA1180-4GD42-0AA0	11800.-
		100	3VA1010-4ED32-0AA0	9465.-	3VA1110-4GD42-0AA0	13630.-
3VA11		125	3VA1112-4ED32-0AA0	16970.-	3VA1112-4GD42-0AA0	22060.-
		160	3VA1116-4ED32-0AA0	19790.-	3VA1116-4GD42-0AA0	25730.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	9115.-	3VA1196-5GD42-0AA0	11830.-
		20	3VA1120-5ED32-0AA0	9115.-	3VA1120-5GD42-0AA0	11830.-
		25	3VA1125-5ED32-0AA0	9115.-	3VA1125-5GD42-0AA0	11830.-
		32	3VA1132-5ED32-0AA0	9115.-	3VA1132-5GD42-0AA0	11830.-
		40	3VA1140-5ED32-0AA0	9115.-	3VA1140-5GD42-0AA0	11830.-
		50	3VA1150-5ED32-0AA0	9115.-	3VA1150-5GD42-0AA0	11830.-
		63	3VA1163-5ED32-0AA0	9115.-	3VA1163-5GD42-0AA0	11830.-
		80	3VA1180-5ED32-0AA0	9995.-	3VA1180-5GD42-0AA0	12990.-
		100	3VA1110-5ED32-0AA0	11575.-	3VA1110-5GD42-0AA0	15015.-
		125	3VA1112-5ED32-0AA0	18650.-	3VA1112-5GD42-0AA0	24240.-
		160	3VA1116-5ED32-0AA0	21745.-	3VA1116-5GD42-0AA0	28295.-

^ 3VA1 TMTU up to 160A

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

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3EE32-0AA0	9355.-	3VA1196-3GE42-0AA0	13395.-
		20	3VA1120-3EE32-0AA0	9355.-	3VA1120-3GE42-0AA0	13395.-
		25	3VA1125-3EE32-0AA0	9355.-	3VA1125-3GE42-0AA0	13395.-
		32	3VA1132-3EE32-0AA0	9355.-	3VA1132-3GE42-0AA0	13395.-
		40	3VA1140-3EE32-0AA0	9355.-	3VA1140-3GE42-0AA0	13395.-
		50	3VA1150-3EE32-0AA0	9355.-	3VA1150-3GE42-0AA0	13395.-
		63	3VA1163-3EE32-0AA0	9355.-	3VA1163-3GE42-0AA0	13395.-
		80	3VA1180-3EE32-0AA0	9355.-	3VA1180-3GE42-0AA0	13395.-
		100	3VA1110-3EE32-0AA0	9995.-	3VA1110-3GE42-0AA0	13395.-
		125	3VA1112-3EE32-0AA0	16970.-	3VA1112-3GE42-0AA0	20895.-
		160	3VA1116-3EE32-0AA0	18720.-	3VA1116-3GE42-0AA0	24275.-
3VA11	36kA	16	3VA1196-4EE32-0AA0	11545.-	3VA1196-4GE42-0AA0	15115.-
		20	3VA1120-4EE32-0AA0	11545.-	3VA1120-4GE42-0AA0	15115.-
		25	3VA1125-4EE32-0AA0	11545.-	3VA1125-4GE42-0AA0	15115.-
		32	3VA1132-4EE32-0AA0	11545.-	3VA1132-4GE42-0AA0	15115.-
		40	3VA1140-4EE32-0AA0	11545.-	3VA1140-4GE42-0AA0	15115.-
		50	3VA1150-4EE32-0AA0	11545.-	3VA1150-4GE42-0AA0	15115.-
		63	3VA1163-4EE32-0AA0	11545.-	3VA1163-4GE42-0AA0	15115.-
		80	3VA1180-4EE32-0AA0	11545.-	3VA1180-4GE42-0AA0	15115.-
		100	3VA1110-4EE32-0AA0	11545.-	3VA1110-4GE42-0AA0	15115.-
		125	3VA1112-4EE32-0AA0	17775.-	3VA1112-4GE42-0AA0	22635.-
		160	3VA1116-4EE32-0AA0	20335.-	3VA1116-4GE42-0AA0	26390.-
3VA12		200#	3VA1220-4EF32-0AA0	27005.-	3VA1220-4GF42-0AA0	33280.-
		250#	3VA1225-4EF32-0AA0	28630.-	3VA1225-4GF42-0AA0	35945.-
3VA13		320 NEW	3VA1332-4EE32-0AA0	36465.-	3VA1332-4GE42-0AA0	47210.-
		400 NEW	3VA1340-4EE32-0AA0	36465.-	3VA1340-4GE42-0AA0	47210.-
3VA14		500 NEW	3VA1450-4EE32-0AA0	47065.-	3VA1450-4GE42-0AA0	60975.-
		630 NEW	3VA1463-4EE32-0AA0	47065.-	3VA1463-4GE42-0AA0	60975.-
3VA11	55kA	16	3VA1196-5EE32-0AA0	13160.-	3VA1196-5GE42-0AA0	16625.-
		20	3VA1120-5EE32-0AA0	13160.-	3VA1120-5GE42-0AA0	16625.-
		25	3VA1125-5EE32-0AA0	13160.-	3VA1125-5GE42-0AA0	16625.-
		32	3VA1132-5EE32-0AA0	13160.-	3VA1132-5GE42-0AA0	16625.-
		40	3VA1140-5EE32-0AA0	13160.-	3VA1140-5GE42-0AA0	16625.-
		50	3VA1150-5EE32-0AA0	13160.-	3VA1150-5GE42-0AA0	16625.-
		63	3VA1163-5EE32-0AA0	13160.-	3VA1163-5GE42-0AA0	16625.-
		80	3VA1180-5EE32-0AA0	13160.-	3VA1180-5GE42-0AA0	16625.-
		100	3VA1110-5EE32-0AA0	13160.-	3VA1110-5GE42-0AA0	16625.-
		125	3VA1112-5EE32-0AA0	20665.-	3VA1112-5GE42-0AA0	24815.-
		160	3VA1116-5EE32-0AA0	22360.-	3VA1116-5GE42-0AA0	28855.-
3VA12		200#	3VA1220-5EF32-0AA0	28120.-	3VA1220-5GF42-0AA0	34345.-
		250#	3VA1225-5EF32-0AA0	29815.-	3VA1225-5GF42-0AA0	37775.-
3VA13		320 NEW	3VA1332-5EE32-0AA0	41585.-	3VA1332-5GE42-0AA0	52095.-
		400 NEW	3VA1340-5EE32-0AA0	41585.-	3VA1340-5GE42-0AA0	52095.-
3VA14		500 NEW	3VA1450-5EE32-0AA0	53785.-	3VA1450-5GE42-0AA0	67190.-
		630 NEW	3VA1463-5EE32-0AA0	53785.-	3VA1463-5GE42-0AA0	67190.-
3VA11	70kA	16	3VA1196-6EE32-0AA0	18000.-	3VA1196-6GE42-0AA0	22625.-
		20	3VA1120-6EE32-0AA0	18000.-	3VA1120-6GE42-0AA0	22625.-
		25	3VA1125-6EE32-0AA0	18000.-	3VA1125-6GE42-0AA0	22625.-
		32	3VA1132-6EE32-0AA0	18000.-	3VA1132-6GE42-0AA0	22625.-
		40	3VA1140-6EE32-0AA0	18000.-	3VA1140-6GE42-0AA0	22625.-
		50	3VA1150-6EE32-0AA0	18000.-	3VA1150-6GE42-0AA0	22625.-
		63	3VA1163-6EE32-0AA0	18000.-	3VA1163-6GE42-0AA0	22625.-
		80	3VA1180-6EE32-0AA0	18000.-	3VA1180-6GE42-0AA0	22625.-
		100	3VA1110-6EE32-0AA0	18000.-	3VA1110-6GE42-0AA0	22625.-
		125	3VA1112-6EE32-0AA0	33470.-	3VA1112-6GE42-0AA0	35890.-
		160	3VA1116-6EE32-0AA0	33470.-	3VA1116-6GE42-0AA0	35890.-
3VA12		200#	3VA1220-6EF32-0AA0	37925.-	3VA1220-6GF42-0AA0	48795.-
		250#	3VA1225-6EF32-0AA0	37925.-	3VA1225-6GF42-0AA0	48795.-
3VA13		320 NEW	3VA1332-6EE32-0AA0	45585.-	3VA1332-6GE42-0AA0	58930.-
		400 NEW	3VA1340-6EE32-0AA0	45585.-	3VA1340-6GE42-0AA0	58930.-
3VA14		500 NEW	3VA1450-6EE32-0AA0	64795.-	3VA1450-6GE42-0AA0	84005.-
		630 NEW	3VA1463-6EE32-0AA0	64795.-	3VA1463-6GE42-0AA0	84005.-

Std. Pkg. = 1 unit # - Adjustable Thermal, Adjustable Magnetic

* LP - List Price

SENTRON 3VA MCCB for Motor Starter Protection (Adjustable Magnetic trip unit, 3pole) NEW

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)		Breaking Capacity (70kA, 415V, 50Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	8	3VA1108-5MG32-0AA0[&]	12100.-	3VA1108-6MG32-0AA0[&]	14860.-
	12.5	3VA1192-5MG32-0AA0[&]	12100.-	3VA1192-6MG32-0AA0[&]	14860.-
	20	3VA1120-5MH32-0AA0	12100.-	3VA1120-6MH32-0AA0	14860.-
	32	3VA1132-5MH32-0AA0	14455.-	3VA1132-6MH32-0AA0	15575.-
	40	3VA1140-5MH32-0AA0	14455.-	3VA1140-6MH32-0AA0	15575.-
	50	3VA1150-5MH32-0AA0	14455.-	3VA1150-6MH32-0AA0	15575.-
	63	3VA1163-5MH32-0AA0	14455.-	3VA1163-6MH32-0AA0	15575.-
	80	3VA1180-5MH32-0AA0	14455.-	3VA1180-6MH32-0AA0	15575.-
	100	3VA1110-5MH32-0AA0	14455.-	3VA1110-6MH32-0AA0	15575.-
	125	3VA1112-5MH32-0AA0	20730.-	3VA1112-6MH32-0AA0	22410.-
3VA12	160	3VA1216-5MH32-0AA0	21755.-	3VA1216-6MH32-0AA0	31005.-
	200	3VA1220-5MH32-0AA0	29920.-	3VA1220-6MH32-0AA0	36720.-
3VA13	250 NEW	3VA1325-5MH32-0AA0	32645.-	3VA1325-6MH32-0AA0	37160.-
	320 NEW	3VA1332-5MH32-0AA0	44800.-	3VA1332-6MH32-0AA0	51055.-
3VA14	400 NEW	3VA1440-5MH32-0AA0	51290.-	3VA1440-6MH32-0AA0	53580.-
	500 NEW	3VA1450-5MH32-0AA0	59040.-	3VA1450-6MH32-0AA0	67030.-

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

Frame Size	Breaking Capacity @ 415V AC, 50Hz	Rated Current In (A)	2 Pole	
			Type	Unit LP* ₹
3VA11	25kA	16	3VA1196-3ED22-0AA0	6115.-
		20	3VA1120-3ED22-0AA0	6115.-
		25	3VA1125-3ED22-0AA0	6115.-
		32	3VA1132-3ED22-0AA0	6115.-
		40	3VA1140-3ED22-0AA0	6115.-
		50	3VA1150-3ED22-0AA0	6115.-
		63	3VA1163-3ED22-0AA0	6115.-
		80	3VA1180-3ED22-0AA0	6700.-
		100	3VA1110-3ED22-0AA0	7850.-
		125	3VA1112-3ED22-0AA0	12700.-
		160	3VA1116-3ED22-0AA0	14665.-
3VA11	36kA	16	3VA1196-4ED22-0AA0	6700.-
		20	3VA1120-4ED22-0AA0	6700.-
		25	3VA1125-4ED22-0AA0	6700.-
		32	3VA1132-4ED22-0AA0	6700.-
		40	3VA1140-4ED22-0AA0	6700.-
		50	3VA1150-4ED22-0AA0	6700.-
		63	3VA1163-4ED22-0AA0	6700.-
		80	3VA1180-4ED22-0AA0	7395.-
		100	3VA1110-4ED22-0AA0	8545.-
		125	3VA1112-4ED22-0AA0	13615.-
		160	3VA1116-4ED22-0AA0	15930.-

3VA11[1)], 1 Pole

3VA11, 2 Pole

[1)] Price upon enquiry

[&] Fixed magnetic

Note: 1pole & 2pole version also available in 55kA. Kindly contact your nearest sales office for further information

Std. Pkg. = 1 unit

* LP - List Price

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HL32-0AA0	19380.-	3VA2025-4HL42-0AA0	24985.-
		40	3VA2040-4HL32-0AA0	19380.-	3VA2040-4HL42-0AA0	24985.-
		63	3VA2063-4HL32-0AA0	19380.-	3VA2063-4HL42-0AA0	24985.-
		100	3VA2010-4HL32-0AA0	19380.-	3VA2010-4HL42-0AA0	24985.-
3VA21		160	3VA2116-4HL32-0AA0	26200.-	3VA2116-4HL42-0AA0	36570.-
3VA22		250	3VA2225-4HL32-0AA0	35960.-	3VA2225-4HL42-0AA0	48760.-
3VA23		400 NEW	3VA2340-4HL32-0AA0	48045.-	3VA2340-4HL42-0AA0	63235.-
3VA24		630 NEW	3VA2463-4HL32-0AA0	49950.-	3VA2463-4HL42-0AA0	66185.-
3VA20	55kA	25	3VA2025-5HL32-0AA0	24645.-	3VA2025-5HL42-0AA0	33765.-
		40	3VA2040-5HL32-0AA0	24645.-	3VA2040-5HL42-0AA0	33765.-
		63	3VA2063-5HL32-0AA0	24645.-	3VA2063-5HL42-0AA0	33765.-
		100	3VA2010-5HL32-0AA0	24645.-	3VA2010-5HL42-0AA0	33765.-
3VA21		160	3VA2116-5HL32-0AA0	31240.-	3VA2116-5HL42-0AA0	40455.-
3VA22		250	3VA2225-5HL32-0AA0	40820.-	3VA2225-5HL42-0AA0	53890.-
3VA23		400	3VA2340-5HL32-0AA0	51805.-	3VA2340-5HL42-0AA0	67890.-
3VA24		630	3VA2463-5HL32-0AA0	63630.-	3VA2463-5HL42-0AA0	71065.-
3VA25		800 NEW	3VA2580-5HL32-0AA0	93045.-	3VA2580-5HL42-0AA0	119025.-
		1000 NEW	3VA2510-5HL32-0AA0	123290.-	3VA2510-5HL42-0AA0	164600.-
3VA20	85kA	25	3VA2025-6HL32-0AA0	32220.-	3VA2025-6HL42-0AA0	39920.-
		40	3VA2040-6HL32-0AA0	32220.-	3VA2040-6HL42-0AA0	39920.-
		63	3VA2063-6HL32-0AA0	32220.-	3VA2063-6HL42-0AA0	39920.-
		100	3VA2010-6HL32-0AA0	32220.-	3VA2010-6HL42-0AA0	39920.-
3VA21		160	3VA2116-6HL32-0AA0	42250.-	3VA2116-6HL42-0AA0	53935.-
3VA22		250	3VA2225-6HL32-0AA0	46920.-	3VA2225-6HL42-0AA0	68330.-
3VA23		400	3VA2340-6HL32-0AA0	58880.-	3VA2340-6HL42-0AA0	77320.-
3VA24		630	3VA2463-6HL32-0AA0	70340.-	3VA2463-6HL42-0AA0	93860.-
3VA25		800 NEW	3VA2580-6HL32-0AA0	102300.-	3VA2580-6HL42-0AA0	136075.-
		1000 NEW	3VA2510-6HL32-0AA0	140995.-	3VA2510-6HL42-0AA0	188210.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU330 LIG, Ics = 100% Icu, 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA20	36kA	25	3VA2025-4HM32-0AA0	26695.-	3VA2025-4HM42-0AA0	32910.-
		40	3VA2040-4HM32-0AA0	26695.-	3VA2040-4HM42-0AA0	32910.-
		63	3VA2063-4HM32-0AA0	26695.-	3VA2063-4HM42-0AA0	32910.-
		100	3VA2010-4HM32-0AA0	26695.-	3VA2010-4HM42-0AA0	32910.-
3VA21		160	3VA2116-4HM32-0AA0	33765.-	3VA2116-4HM42-0AA0	42050.-
3VA22		250	3VA2225-4HM32-0AA0	42670.-	3VA2225-4HM42-0AA0	53630.-
3VA23		400 NEW	3VA2340-4HM32-0AA0	57385.-	3VA2340-4HM42-0AA0	72380.-
3VA24		630 NEW	3VA2463-4HM32-0AA0	63125.-	3VA2463-4HM42-0AA0	79615.-
3VA20	55kA	25	3VA2025-5HM32-0AA0	30425.-	3VA2025-5HM42-0AA0	34865.-
		40	3VA2040-5HM32-0AA0	30425.-	3VA2040-5HM42-0AA0	34865.-
		63	3VA2063-5HM32-0AA0	30425.-	3VA2063-5HM42-0AA0	34865.-
		100	3VA2010-5HM32-0AA0	31055.-	3VA2010-5HM42-0AA0	36445.-
3VA21		160	3VA2116-5HM32-0AA0	41840.-	3VA2116-5HM42-0AA0	50205.-
3VA22		250	3VA2225-5HM32-0AA0	51025.-	3VA2225-5HM42-0AA0	63675.-
3VA23		400	3VA2340-5HM32-0AA0	61615.-	3VA2340-5HM42-0AA0	77715.-
3VA24		630	3VA2463-5HM32-0AA0	67780.-	3VA2463-5HM42-0AA0	85475.-
3VA25		800 NEW	3VA2580-5HM32-0AA0	98370.-	3VA2580-5HM42-0AA0	127875.-
		1000 NEW	3VA2510-5HM32-0AA0	132140.-	3VA2510-5HM42-0AA0	173455.-
3VA20	85kA	25	3VA2025-6HM32-0AA0	37990.-	3VA2025-6HM42-0AA0	46205.-
		40	3VA2040-6HM32-0AA0	37990.-	3VA2040-6HM42-0AA0	46205.-
		63	3VA2063-6HM32-0AA0	37990.-	3VA2063-6HM42-0AA0	46205.-
		100	3VA2010-6HM32-0AA0	37990.-	3VA2010-6HM42-0AA0	46205.-
3VA21		160	3VA2116-6HM32-0AA0	48405.-	3VA2116-6HM42-0AA0	60760.-
3VA22		250	3VA2225-6HM32-0AA0	56685.-	3VA2225-6HM42-0AA0	79535.-
3VA23		400	3VA2340-6HM32-0AA0	68685.-	3VA2340-6HM42-0AA0	87125.-
3VA24		630	3VA2463-6HM32-0AA0	75555.-	3VA2463-6HM42-0AA0	95850.-
3VA25		800 NEW	3VA2580-6HM32-0AA0	110825.-	3VA2580-6HM42-0AA0	144925.-
		1000 NEW	3VA2510-6HM32-0AA0	149520.-	3VA2510-6HM42-0AA0	197060.-

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VA MCCB, Switch Disconnector (without protection)

Frame Size	Breaking Capacity	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	NA	63	3VA1163-1AA32-0AA0	10155.-	3VA1163-1AA42-0AA0	15005.-
		100	3VA1110-1AA32-0AA0	10155.-	3VA1110-1AA42-0AA0	15005.-
		125	3VA1112-1AA32-0AA0	20775.-	3VA1112-1AA42-0AA0	27700.-
		160	3VA1116-1AA32-0AA0	20775.-	3VA1116-1AA42-0AA0	27700.-
3VA12	NA	250	3VA1225-1AA32-0AA0	20775.-	3VA1225-1AA42-0AA0	27700.-
3VA13	NA	400 NEW	3VA1340-1AA32-0AA0	26795.-	3VA1340-1AA42-0AA0	34840.-

NA - Not Applicable

Earth fault protection for SENTRON 3VA & 3VT moulded case circuit breaker

Earth fault monitoring relay

- Comply to IEC 60947-4-1 & IEC 60947-5-1
- Universal auxiliary supply: 85-270V AC/DC
- LCD display
- Potential free change over contact: 2C/O - one for Alarm and one for trip
- Space saving - 35mm width
- Setting range from 10%-80% of CBCT current
- Auto, Manual and Remote rest feature
- Settable trip time delay from 0-99.9s
- RoHS compliant

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	7UG0861-1BU20	4145.-
CBCT for EFR: 160 frame Suitable for 3VA1 up to 160A	3P	7UG09910	1485.-
	4P	7UG09911	1690.-
CBCT for EFR: 250 frame Suitable for 3VA1 250A, 3VA2 up to 250A	3P	7UG09912	1795.-
	4P	7UG09913	2115.-
CBCT for EFR: 630 frame Suitable for 3VA2 400A/ 630A	3P	7UG09914	2645.-
	4P	7UG09915	2855.-

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

MCCB with O/L & S/C protection

+

Shunt release

+

Ext. Earth fault Relay & CBCT

=

MCCB with O/L, S/C & E/F protection

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VA - Accessories

Frame	3VA1 100A/ 160A/ 250A/ 400A/ 630A	Unit LP* ₹	3VA2 100A / 160A / 250A 3VA2 400A/ 630A/ 800A/ 1000A	Unit LP* ₹
Accessory	Type		Type	
Auxiliary switch (AUX)	3VA99880AA12 (1 C/O)	1580.-	3VA99880AA12 (1 C/O)	1580.-
Alarm switch (TAS)	3VA99880AB12 (1 C/O)	2440.-	3VA99880AB12 (1 C/O)	2440.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA99880AB32 (for 3VA10/ 11 100A/160A)	1300.-	–	
	3VA99880AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	1300.-	–	
Electrical alarm switches (EAS) for 3VA2 Only	–		3VA99880AB22	1300.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz 208-230 V AC 50/60 Hz 380-400 V AC 50/60 Hz	3VA99080BB24 3VA99080BB25 3VA99080BB26	3735.- 3735.- 3735.-	3VA99080BB24 3VA99080BB25 3VA99080BB26	3735.- 3735.- 3735.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA99880BA22 3VA99880BA23 3VA99880BA24	2810.- 2810.- 2810.-	3VA99880BA22 3VA99880BA23 3VA99880BA24	2810.- 2810.- 2810.-
Shunt release left (STL) for 3VA2 800A / 1000A				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz			3VA99880BL32 3VA99880BL33 3VA99880BL20	2810.- 2810.- 2810.-
Extended Door Mounted Rotary Operator (including 8UC handle)	3VA9157-0FK51 (for 3VA10/ 11 100A/160A)	2285.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)	2400.-
	3VA9257-0FK51 (for 3VA12 250A)	2400.-	3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A)	3770.-
Extended Door Mounted Rotary Operator ^	3VA9467-0FK21 (for 3VA13/ 14 400A/ 630A) NEW	4930.-	3VA9687-0FK21 (for 3VA25 800A/ 1000A)	8075.-
Illuminated - Door mounted rotary operator 24V DC	3VA9157-0FK23 (for 3VA10/ 11 100A/160A)	4820.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)	5295.-
	3VA9257-0FK23 (for 3VA12 250A) 3VA9467-0FK23 (for 3VA13/ 14 400A/ 630A) NEW	5295.- 6735.-	3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A)	6735.-
Castell interlock kit# (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A)	3975.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A)	3975.-
	8UC60701YQ.. 3VA12 (250A)	3975.-	8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	3975.-
Sliding Bar Interlock (for same size breakers with Toggle Lever)	3VA91580VF30 (for 3VA10/ 11 100A/160A)	4820.-	3VA91680VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)	5295.-
	3VA92580VF30 (for 3VA12 250A) 3VA93680VF30 (for 3VA13/ 14 400A/ 630A) NEW	5000.- 5645.-	3VA93680VF30 (for 3VA23/ 24 400A/ 630A)	5645.-
Locking device for breaker with Toggle lever	3VA90880LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A) 3VA93880LB10 (for 3VA13/ 14 400A/ 630A) NEW	1475.- 1940.-	3VA93880LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A)	1940.-
Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC	3VA91570HA20 (for 3VA11 160A)	16180.-	3VA92670HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)	21170.-
	3VA92570HA20 (for 3VA12 250A) 3VA94670HA20 (for 3VA13/ 14 400A/ 630A) NEW	21170.- 24995.-	3VA94670HA20 (for 3VA23/ 24 400A/ 630A)	24995.-
Spreader links - Broadened (with phase barriers)	3VA91530QC00 (for 3pole, 3VA10/ 11 100A/ 160A)	2010.-	3VA92630QC00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A)	2110.-
	3VA91540QC00 (for 4pole, 3VA10/ 11 100A/ 160A)	2590.-	3VA92640QC00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A)	2830.-
	3VA92530QC00 (for 3pole, 3VA12 250A)	2055.-	3VA94830QC00 (for 3pole, 3VA23/ 24 400A/ 630A)	2505.-
	3VA92540QC00 (for 4pole, 3VA12 250A)	2740.-		
	3VA94830QC00 (for 3pole 3VA13/ 14 400A/ 630A)	2505.-	3VA94840QC00 (for 4pole, 3VA23/ 24 400A/ 630A)	3325.-
	3VA94840QC00 (for 4pole 3VA13/ 14 400A/ 630A)	3325.-		
Busbar extensions (with phase barriers)	–		3VA96030QB00 (for 3pole, 3VA25 800A/ 1000A)	4440.-
			3VA96040QB00 (for 4pole, 3VA25 800A/ 1000A)	5930.-
Rear Terminals - Flat 1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole)	3VA91130QE00 (for 3pole, 3VA10/ 11 100A/ 160A)	1650.-	3VA92030QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A)	2110.-
	3VA91140QE00 (for 4pole, 3VA10/ 11 100A/ 160A)	2235.-	3VA92040QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A)	2830.-
	3VA92130QE00 (for 3pole, 3VA12 250A)	2115.-	3VA94030QE00 (for 3pole, 3VA23/ 24 400A/ 630A)	3430.-
	3VA92140QE00 (for 4pole, 3VA12 250A)	2830.-		
	3VA94030QE00 (for 3pole, 3VA13/ 14 400A/ 630A)	3430.-	3VA94040QE00 (for 4pole, 3VA23/ 24 400A/ 630A)	4570.-
	3VA94040QE00 (for 4pole, 3VA13/ 14 400A/ 630A)	4570.-		
Phase Barriers (1 set = 2 phase barriers)	3VA91520WA00 (for 3VA10/ 11 100A/ 160A)	315.-	3VA92620WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A)	315.-
	3VA92520WA00 (for 3VA12 250A)	315.-	3VA94820WA00 (for 3VA23/ 24 400A/ 630A)	740.-
	3VA94820WA00 (for 3VA13/ 14 400A/ 630A) NEW	740.-	3VA96020WA00 (for 3VA25 800A/ 1000A)	745.-

Notes:

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

For higher breaking capacities (110kA and 150kA) and other special application MCCB, contact our nearest Sales Office.

For side mounted handles please contact our nearest Sales Office.

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

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

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

^ 3VA2 800A/1000A, 3VA1 400/ 630A extended rotary operator imported version (with 8UD handles)

Std. Pkg. = 1 unit

* LP - List Price

AUX

TAS

SAS

EAS

UVR

STF

SENTRON 3VA27 moulded case circuit breakers NEW

- Line, motor, starter protection and non-automatic circuit breaker
- Rated currents 800A to 1600A (3pole/ 4pole)
- Fixed & Draw-out variants
- Toggle lever or Stored-energy Operator (factory fitted)
- Interchangeable ETU LI/ LSI/ LSIG protection
- Short-circuit breaking capacity 55kA to 110 kA @ 415 V AC
- Communication via Modbus TCP, Modbus RTU, PROFIBUS & PROFINET
- Metering function according to IEC 61557-12

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

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AB03-0AA0	177310.-	3VA2712-5AB13-0AA0	238480.-
		1600	3VA2716-5AB03-0AA0	245395.-	3VA2716-5AB13-0AA0	330230.-
	85kA	1250	3VA2712-6AB03-0AA0	194790.-	3VA2712-6AB13-0AA0	262145.-
		1600	3VA2716-6AB03-0AA0	269425.-	3VA2716-6AB13-0AA0	362995.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSIG, Ics = 100% Icu, 415VAC, 50Hz $ (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type	Unit LP* ₹	Type	Unit LP* ₹
3VA27	55kA	1250	3VA2712-5AD03-0AA0	191875.-	3VA2712-5AD13-0AA0	252680.-
		1600	3VA2716-5AD03-0AA0	259595.-	3VA2716-5AD13-0AA0	344430.-
	85kA	1250	3VA2712-6AD03-0AA0	208985.-	3VA2712-6AD13-0AA0	276710.-
		1600	3VA2716-6AD03-0AA0	283625.-	3VA2716-6AD13-0AA0	378655.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	3340.-	1
	Alarm switch (TAS)	3VW9011-0AH14	1650.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	7690.- 7690.-	1
	Under voltage release (UVR)			
	110-120 V AC 50/60 Hz 220-240 V AC 50/60 Hz 415-440 V AC 50/60 Hz	3VW9011-0AE05 3VW9011-0AE07 3VW9011-0AE18	8325.- 8325.- 8325.-	1
	Extended Door Mounted Rotary Operator ^ (Standard - Gray)	3VW9727-0FK21	7400.-	1

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

All MCCBs are suitable for Front Terminals connection only.

Accessories can also be offered in factory fitted options

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

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

SIEMENS

Ingenuity for life

NEW

SENTRON

Transfer control devices

3KC ATC6300

- Suitable for Utility to DG, Utility to Utility and DG to DG changeover in combination with motorized breakers
- Communication capable via expansion modules on Modbus TCP or MODBUS RTU
- Confirms to IEC 60947-6-1
- Plug IN DI/DO expansion modules for additional functionality
- Easy parameterization through Powerconfig
- Ingress protection up to IP65

www.siemens.com/switching-devices

ACB: SENTRON 3WL

- Conforms to IEC 60947-2
- Rated current - 630A to 6300A
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 55°C
- Neutral 100% rated
- Integrated online test facility
- Unique CubicleBus technology
- Data communication and power management options

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

Manually operated ACB

Microprocessor based trip unit ETU45B LSIN protection (Overload and short circuit protection)

Frame Size	Rated Current In (A)	Type	Withdrawable design with Guide Frame		Fixed mounted design	
			Unit LP* ₹	Unit LP* ₹	Unit LP* ₹	Unit LP* ₹
			3 Pole	4 Pole	3 Pole	4 Pole
I	630	3WL1106....	260010.-	328410.-	171710.-	257510.-
	800	3WL1108....	262860.-	334880.-	177000.-	264085.-
	1000	3WL1110....	269815.-	358095.-	194275.-	278920.-
	1250	3WL1112....	326780.-	413240.-	239025.-	340565.-
	1600	3WL1116....	360360.-	454010.-	252985.-	366890.-
II	2000	3WL1220....	389390.-	515260.-	262270.-	382005.-
	2500	3WL1225....	457590.-	587510.-	278820.-	440400.-
	3200	3WL1232....	593070.-	814510.-	397455.-	668970.-
	4000	3WL1240....	682365.-	866385.-	541135.-	733215.-
III	5000	3WL1350....	1072360.-	1360570.-	957300.-	1256610.-
	6300	3WL1363....	1441680.-	1811650.-	1249750.-	1647930.-

Prices of ACBs with other breaking capacities available on request.

Note: Std. Pkg. = 1 unit

L: Overload protection
G: Ground fault protection
S: Delayed Short Circuit protection
N: Neutral protection
I: Short circuit protection

Add on options (Factory fitted)

Microprocessor based Release	Add LP* ₹
For ground fault protection	18765.-
Protection function LSIN with Current display	8965.-
Protection function LSING with Current display	26895.-

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

Motorised Mechanism	Add LP* ₹
208-240VAC, 220Vdc motor, closing coil & Shunt trip coil	68935.-
110-127VAC, 110Vdc motor, closing coil & Shunt trip coil	68935.-

Motorized mechanism with other control voltages are available on request

Add on options (Factory fitted)

Description	Add LP* ₹
Spring Charge Signal Switch	5945.-
Door Interlock	5040.-
Position Signal Switch for Withdrawable Breaker	13040.-
Castell lock mounting kit#	4245.-
Mutual Mechanical Interlocking (Bowden wire)	Upon Enquiry
Metering function Plus *(voltage transformer must be ordered separately)*	Upon Enquiry
Profibus communication connection (Com15 + BSS)	Upon Enquiry
Modbus communication connection (Com16 + BSS)	Upon Enquiry

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

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

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

Standard accessories included for fixed type ACB (EF/MF) = Door sealing frame, ready to close signal switch, auxiliary contacts 2NO+2NC and trip unit transparent cover & trip signal switch (Not applicable for ACBs without trip unit)

Neutral CT if required, shall be ordered separately. #Castell locks are to be ordered separately.

Please consult your nearest sales office for complete ordering code.

Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Shunt Release or Closing Coil	–	24	3WL9111-0AD01-0AA0	11525.-
Suitable for continuous operation	110	110	3WL9111-0AD05-0AA0	11525.-
	230	220	3WL9111-0AD06-0AA0	11525.-
Under Voltage Release (Instantaneous)	380-415	–	3WL9111-0AE06-0AA0	12735.-
Motorised Operating Mechanism	–	24-30	3WL9111-0AF01-0AA0	63700.-
	110-127	110-125	3WL9111-0AF03-0AA0	63700.-
	208-240	220-250	3WL9111-0AF04-0AA0	63700.-
Auxiliary Switch Block	2NO+2NC		3WL9111-0AG01-0AA0	7055.-
Castell Lock	–	–	3WX3663-6JEL_ $	3535.-

Please order necessary auxiliary terminal blocks as per circuit diagram while ordering accessories. Please consult your nearest sales office for type nos. and prices.
$ Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.
Std. Pkg. = 1 unit

* LP - List Price

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NEW
SENTRON 3WTPlus
Air Circuit Breakers
For Consistent, Safe and Reliable Power Distribution
• Wide range with 630A-4000A current ratings
• 3P & 4P, Fixed & Withdrawable versions
• Rated operational voltage of 500V AC, 690V AC versions also available
• Terminal options: Horizontal, vertical and front connection
• Superior thermal ratings (no derating till 50°C)
• Standard Ready-to-close indicator with signaling switch
• Microprocessor based trip units with integrated current display
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ACB: 3WT

- Conforms to IEC 60947-2
- Rated current - 630A to 4000A
- U_{imp} = 12kV
- Accurate protection through microprocessor based trip unit
- Unique ready-to-close interlock for maximum safety
- Mechanical contact erosion indicator
- Fully rated upto 50°C
- Neutral 100% rated
- Integrated LCD display and Online test facility
- Also available for 690V AC operation

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

Microprocessor based trip unit ETU37WT: LSING + Display

Frame Size	Rated current In (A)			Withdrawable design with Guide Frame [2]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MDO	3WT8061-6AA04-5AB2	191310.-	3WT8065-6AA04-5AB2	248710.-
			EDO	3WT8061-6UA34-5AB2	247450.-	3WT8065-6UA34-5AB2	304850.-
	●	800	MDO	3WT8081-6AA04-5AB2	201900.-	3WT8085-6AA04-5AB2	264305.-
			EDO	3WT8081-6UA34-5AB2	258040.-	3WT8085-6UA34-5AB2	320445.-
		1000	MDO	3WT8101-6AA04-5AB2	207380.-	3WT8105-6AA04-5AB2	269005.-
			EDO	3WT8101-6UA34-5AB2	263520.-	3WT8105-6UA34-5AB2	325145.-
	●	1250	MDO	3WT8121-6AA04-5AB2	254730.-	3WT8125-6AA04-5AB2	302820.-
			EDO	3WT8121-6UA34-5AB2	310870.-	3WT8125-6UA34-5AB2	358960.-
	●	1600	MDO	3WT8161-6AA04-5AB2	273390.-	3WT8165-6AA04-5AB2	330950.-
			EDO	3WT8161-6UA34-5AB2	329530.-	3WT8165-6UA34-5AB2	387090.-
II	●	2000	MDO	3WT8202-6AA04-5AB2	343495.-	3WT8206-6AA04-5AB2	422760.-
			EDO	3WT8202-6UA34-5AB2	399635.-	3WT8206-6UA34-5AB2	478900.-
	●	2500	MDO	3WT8252-6AA04-5AB2	389085.-	3WT8256-6AA04-5AB2	494655.-
			EDO	3WT8252-6UA34-5AB2	445225.-	3WT8256-6UA34-5AB2	550795.-
	●	3200	MDO	3WT8322-6AA04-5AB2	498820.-	3WT8326-6AA04-5AB2	612060.-
			EDO	3WT8322-6UA34-5AB2	554960.-	3WT8326-6UA34-5AB2	668200.-

Microprocessor based Trip Units
ETU35WT: LSI + Display

↑ 5 Reduce **2105.-** ↑ 5 Reduce **2105.-**

Microprocessor based trip unit ETU37WT: LSING + Display

Frame Size	Rated current In (A)			Fixed Mounted design [3]			
				3 Pole	Unit LP* ₹	4 Pole	Unit LP* ₹
I		630	MF	3WT8061-6AA00-0AA2	140585.-	3WT8065-6AA00-0AA2	190205.-
			EF	3WT8061-6UA30-0AA2	196725.-	3WT8065-6UA30-0AA2	246345.-
	●	800	MF	3WT8081-6AA00-0AA2	151755.-	3WT8085-6AA00-0AA2	208805.-
			EF	3WT8081-6UA30-0AA2	207895.-	3WT8085-6UA30-0AA2	264945.-
		1000	MF	3WT8101-6AA00-0AA2	154695.-	3WT8105-6AA00-0AA2	221195.-
			EF	3WT8101-6UA30-0AA2	210835.-	3WT8105-6UA30-0AA2	277335.-
	●	1250	MF	3WT8121-6AA00-0AA2	210420.-	3WT8125-6AA00-0AA2	248825.-
			EF	3WT8121-6UA30-0AA2	266560.-	3WT8125-6UA30-0AA2	304965.-
	●	1600	MF	3WT8161-6AA00-0AA2	214850.-	3WT8165-6AA00-0AA2	266530.-
			EF	3WT8161-6UA30-0AA2	270990.-	3WT8165-6UA30-0AA2	322670.-
II	●	2000	MF	3WT8202-6AA00-0AA2	241630.-	3WT8206-6AA00-0AA2	346860.-
			EF	3WT8202-6UA30-0AA2	297770.-	3WT8206-6UA30-0AA2	403000.-
	●	2500	MF	3WT8252-6AA00-0AA2	272745.-	3WT8256-6AA00-0AA2	407245.-
			EF	3WT8252-6UA30-0AA2	328885.-	3WT8256-6UA30-0AA2	463385.-
	●	3200	MF	3WT8322-6AA00-0AA2	415275.-	3WT8326-6AA00-0AA2	511430.-
			EF	3WT8322-6UA30-0AA2	471415.-	3WT8326-6UA30-0AA2	567570.-

Microprocessor based Trip Units
ETU35WT: LSI + Display

↑ 5 Reduce **2105.-** ↑ 5 Reduce **2105.-**

For Non-Automatic ACBs please deduct ₹ 4785/- from the LPs of the ACBs marked ●. *For type nos. of Non-Automatic ACBs contact nearest sales office*

L: Overload protection S: Delayed Short Circuit protection I: Short circuit protection G: Ground fault protection[1] N: Neutral protection[1]

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

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

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

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

Note: Please contact nearest sales office for information on prices of 4000A ACB. Additional LP for 690V AC ACB - ₹ 25,430 /-

For information on 3WT*Plus* Air Circuit Breakers please contact your nearest Siemens sales office

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

3WT Accessories

Description	AC 50/60Hz V	DC V	Type	Unit LP* ₹
Motorized Operating Mechanism with Electrical closing	110-127	110-125	**3WT9831-1JH00**	**59675.-**
	220-240	220-250	**3WT9831-1JK00**	**59675.-**
Shunt Release or Closing Coil Suitable for continuous operation	–	24	**3WT9851-1JB00**	**4410.-**
	110-127	110-125	**3WT9851-1JH00**	**4410.-**
	220-240	220-250	**3WT9851-1JK00**	**4410.-**
Under Voltage Release Instantaneous	110-127	110-125	**3WT9853-1JH00**	**5315.-**
	208-240	220-250	**3WT9853-1JK00**	**5315.-**
	380-415	–	**3WT9853-1JM00**	**5315.-**
Auxiliary Terminal Block	Fixed circuit breaker		**3WT9825-1JC00**	**3725.-**
	Drawout circuit breaker		**3WT9827-1JA00**	**3725.-**
Auxiliary Switch Block	2 Change over		**3WT9816-1CE00**	**2110.-**
Position Signal Switch for Withdrawable Breaker	3NO+3NC, 2NO+2NC, 1NO+1NC		**3WT9884-1JC10**	**11550.-**
5 digit operating cycle counter			**3WT9864-0CA00**	**8665.-**
Blocking Device for preventing opening of cubicle door in service position: for Withdrawable Breaker Blocking Device for preventing opening of cubicle door in ON position: for Fixed Breaker			**3WT9867-1JC00** **3WT9867-2JA00**	**8250.-** **8250.-**
Castell Lock Mounting Kit *(to prevent unauthorized closing of the circuit breaker)*			**3WT9863-6JE00**	**6300.-**
Castell Lock			**3WX3663-6JEL_#**	**3535.-**
Door Sealing Frame *(Also suitable for 3WL ACB)*			**3WX3686-0JA00**	**2245.-**
External Current Sensor for N-conductor (For 3P ACB with Neutral or E/F Protection)	Size I		**3WL9111-0AA21-0AA0**	**17930.-**
	Size II		**3WL9111-0AA22-0AA0**	**20835.-**
External Current Sensor for N-conductor with copper connectors (for 3P ACB with Neutral or E/F protection)	Size I		**3WL9111-0AA31-0AA0**	**19675.-**
	Size II		**3WL9111-0AA32-0AA0**	**22585.-**

Types of castell locks shall be of type A, B, C, D, AB, AC; _ to be replaced by the type no.

For fitment of motor/ shunt/ closing coil/ UV release/ addl. auxiliary contacts please order necessary Auxiliary terminal blocks as per circuit diagram.

Retrofit solution

Description	Unit LP* ₹
Ready to fit kit for upgrading from our old or other make conventional Air Circuit Breaker to modern SENTRON range of ACBs. • Minimum Shut Down Time • No change in the existing panel except door cut out • No change in the existing panel bus-bars • Proven Siemens Design • No over heating • Cost Effective & Quality Solution	**Upon enquiry**

For more details write to us at: ics.india@siemens.com

SENTRON Auto transfer controllers

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

ATC 3100		ATC 6300 NEW	
	Rated supply voltage up to 400V AC		Rated supply voltage up to 480V AC
	Trafo to Trafo and Trafo to generator configurations		Trafo to Trafo, Trafo to generator and generator to generator configurations
	Generator control with output signal to start and stop generator		Communication capable over MODBUS RTU / MODBUS TCP with expansion module
	Selectable operating modes and monitoring of fire alarm signal		Easy parameterization through powerconfig
	Monitoring and display of status of normal and replacement supply		Programmable DI/ DOs for enhanced flexibility

Description	Type	Unit LP* ₹	Std. pkg. (nos.)
ATC 3100$	**3KC9000-8EL10**	**54990.-**	**1**
Connection cable 3KC ATC3100 to MCCBs / ACBs	**3KC9000-8EL62**	**11120.-**	**1**
ATC 6300	**3KC9000-8TL40**	**82175.-**	**1**

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

Std. Pkg. = 1 unit

* LP - List Price

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Power distribution network planning

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

SIMARIS curves

Visualization & evaluation:

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

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MCCB: SENTRON 3VT1...5

Type 2 Co-ordination available

- Rated current - 16A to 1600A
- 3 and 4 pole versions
- Breaking capacity from 25kA to 65kA
- Thermal magnetic and Microprocessor based trip unit
- Switch disconnector for complete range
- Special purpose trip unit for motor & generator protection
- Under voltage & shunt release with multiple voltage settings
- Fixed mounted, plug-in and draw-out versions

3VT1, Thermal Magnetic trip unit, Icu = 25kA, 415 V AC, 50 Hz MCCB (Fixed Overload & Fixed Short Circuit Settings) for line protection

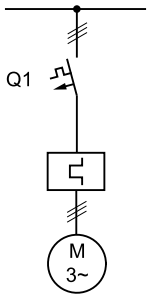
Rated current I_n (A)	3 Pole		4 Pole		Std. pkg. (nos.)
	Type	Unit LP* ₹	Type	Unit LP* ₹	
40	3VT1704-2DA36-0AA0	7720.-	3VT1704-2EA46-0AA0	10425.-	1
63	3VT1706-2DA36-0AA0	7720.-	3VT1706-2EA46-0AA0	10425.-	1
80	3VT1708-2DA36-0AA0	7720.-	3VT1708-2EA46-0AA0	10425.-	1
100	3VT1710-2DA36-0AA0	7720.-	3VT1710-2EA46-0AA0	10425.-	1
125	3VT1712-2DA36-0AA0	10215.-	3VT1712-2EA46-0AA0	14130.-	1
160	3VT1716-2DA36-0AA0	13960.-	3VT1716-2EA46-0AA0	17675.-	1

3VT1, Thermal Magnetic trip unit, Icu = 25kA, 415 V AC, 50 Hz MCCB (Adjustable Overload & Adjustable Short Circuit Settings) for line protection

Rated current I_n (A)	3 Pole		4 Pole		Std. pkg. (nos.)
	Type	Unit LP* ₹	Type	Unit LP* ₹	
16	3VT1701-2DC36-0AA0	8480.-	3VT1701-2EC46-0AA0	12785.-	1
25	3VT1792-2DC36-0AA0	8480.-	3VT1792-2EC46-0AA0	12785.-	1
32	3VT1703-2DC36-0AA0	8480.-	3VT1703-2EC46-0AA0	12785.-	1
40	3VT1704-2DC36-0AA0	8480.-	3VT1704-2EC46-0AA0	12785.-	1
63	3VT1706-2DC36-0AA0	8480.-	3VT1706-2EC46-0AA0	12785.-	1
80	3VT1708-2DC36-0AA0	8480.-	3VT1708-2EC46-0AA0	12785.-	1
100	3VT1710-2DC36-0AA0	8480.-	3VT1710-2EC46-0AA0	12785.-	1
125	3VT1712-2DC36-0AA0	10950.-	3VT1712-2EC46-0AA0	14975.-	1
160	3VT1716-2DC36-0AA0	15065.-	3VT1716-2EC46-0AA0	19175.-	1

3VT1, Thermal Magnetic trip unit for Motor Protection, Icu = 25kA, 415 V AC, 50 Hz MCCB (Adjustable Overload & Fixed Short Circuit Settings)

Rated current I_n (A)	3 Pole Type	Unit LP* ₹	Std. pkg. (nos.)
16	3VT1701-2DM36-0AA0	8345.-	1
20	3VT1702-2DM36-0AA0	8345.-	1
25	3VT1792-2DM36-0AA0	8345.-	1
32	3VT1703-2DM36-0AA0	8345.-	1
40	3VT1704-2DM36-0AA0	8345.-	1
50	3VT1705-2DM36-0AA0	8345.-	1
63	3VT1706-2DM36-0AA0	8345.-	1
80	3VT1708-2DM36-0AA0	8345.-	1
100	3VT1710-2DM36-0AA0	8345.-	1



Switch disconnector

Rated current I_n (A)	3 Pole		4 Pole		Std. pkg. (nos.)
	Type	Unit LP* ₹	Type	Unit LP* ₹	
160	3VT1716-2DE36-0AA0	11850.-	3VT1716-2EE46-0AA0	14925.-	1

Std. Pkg. = 1 unit

* LP - List Price

Main switching unit without Trip Unit (ETU)

To be ordered along with trip unit or switch disconnector unit

Frame Size	Breaking capacity (Icu, 415V AC, 50Hz)	Rated current I_n (A)	3 pole		4 pole		Std. pkg. (nos.)
			Type	Unit LP* ₹	Type	Unit LP* ₹	
3VT2	36 kA	250	3VT2725-2AA36-0AA0	8210.-	3VT2725-2AA46-0AA0	12760.-	1
3VT3		630	3VT3763-2AA36-0AA0	20045.-	3VT3763-2AA46-0AA0	28235.-	1
3VT2	65 kA	250	3VT2725-3AA36-0AA0	10250.-	3VT2725-3AA46-0AA0	15910.-	1
3VT3		630	3VT3763-3AA36-0AA0	22970.-	3VT3763-3AA46-0AA0	30490.-	1
3VT4		1000	3VT4710-3AA30-0AA0	38110.-			1
3VT5	55 kA	1600	3VT5716-3AA30-0AA0	57170.-			1

+

Microprocessor based Trip Unit (ETU)

To be ordered along with the MCCB Main switching unit

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

Frame size	Rated current I_n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	160	3VT9216-6AB00	7280.-	1
	200	3VT9220-6AB00	10920.-	1
	250	3VT9225-6AB00	17305.-	1
3VT3	315	3VT9331-6AB00	14570.-	1
	400	3VT9340-6AB00	15485.-	1
	630	3VT9363-6AB00	19040.-	1

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

Frame size	Rated current I_n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	100	3VT9210-6AC00	6430.-	1
	160	3VT9216-6AC00	9020.-	1
	250	3VT9225-6AC00	19075.-	1
3VT3	250	3VT9325-6AC00	16480.-	1
	400	3VT9340-6AC00	16480.-	1
	630	3VT9363-6AC00	21675.-	1
3VT4	800	3VT9480-6AC00	18040.-	1
	1000	3VT9410-6AC00	56820.-	1
3VT5	1250	3VT9512-6AC00	61540.-	1
	1600	3VT9516-6AC00	104150.-	1

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

Frame size	Rated current I_n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	100	3VT9210-6AP00	8655.-	1
	160	3VT9216-6AP00	9110.-	1
	250	3VT9225-6AP00	19125.-	1
3VT3	400	3VT9340-6AP00	19125.-	1
	630	3VT9363-6AP00	23685.-	1

Switch Disconnector Unit, 3P / 4P$

Frame size	Rated current I_n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	250	3VT9225-6DT00	4560.-	1
3VT3	630	3VT9363-6DT00	7280.-	1
3VT4	1000	3VT9410-6DT00	25825.-	1
3VT5	1600	3VT9516-6DT00	34435.-	1

Benefits of interchangeable trip units

- Suitable for various applications
- Easy upgradation at site

Note: The ordering of the microprocessor based MCCB would involve

Main switching unit + Trip unit

Main switching unit + Trip unit = Complete unit

$: Please note 3VT4 & 3VT5 trip unit prices are only for 3 pole Std. Pkg. = 1 unit * LP - List Price

Accessories for 3VT1...5

Accessory			3VT1 Type	Unit LP* ₹	3VT2 Type	Unit LP* ₹	3VT3 Type	Unit LP* ₹	3VT4/5 Type	Unit LP* ₹
Auxiliary Switch			**3VT9100-2AB10** (Changeover Switch)	**1325.-**	**3VT9300-2AF10** (1NO+1NC)	**2055.-**	**3VT9300-2AF10** (1NO+1NC)	**2055.-**	**3VT9500-2AF10** (2NO+2NC)	**3410.-**
					3VT9300-2AC10 (1NO)	**1035.-**	**3VT9300-2AC10** (1NO)	**1035.-**		
Alarm Switch			**3VT9100-2AH10** (Changeover Switch)	**1325.-**	**3VT9300-2AD10** (1NC)	**1035.-**	**3VT9300-2AD10** (1NC)	**1035.-**		
Shunt Release		AC 230V/ DC 220V	**3VT9100-1SE00@**	**1795.-**	**3VT9300-1SE00$**	**2325.-**	**3VT9300-1SE00$**	**2325.-**	**3VT9500-1SJ00**	**2570.-**
		AC/DC 110V	**3VT9100-1SD00**	**1795.-**	**3VT9300-1SD00**	**2325.-**	**3VT9300-1SD00**	**2325.-**	**3VT9500-1SH00**	**2570.-**
Under-voltage Release		AC 230V/ DC 220V	**3VT9100-1UE00^**	**2210.-**	**3VT9300-1UE00$**	**2820.-**	**3VT9300-1UE00$**	**2820.-**	**3VT9500-1UJ00**	**2790.-**
Spreader Links[&]		one set = 3 links (3 pole)	**3VT9100-4ED30**	**610.-**	**3VT9200-4ED30-0RC0**	**775.-**	**3VT9300-4ED30-0RC0**	**1045.-**		
		4 pole spreaders (one set = 4 links + 3 phase barriers)	**3VT9100-4ED40-0RC0**	**790.-**	**3VT9200-4ED40-0RC0**	**1035.-**	**3VT9300-4ED40-0RC0**	**1350.-**		
Motorised Drive		AC 230 V/ DC 220 V	**3VT9100-3ME00#**	**7815.-**	**3VT9200-3MQ00**	**25590.-**	**3VT9300-3MQ00**	**26595.-**	**3VT9500-3MQ00**	**49860.-**
		Extension cable[3] for motorized operating mechanism, 12 wires, length 60 cm	**3VT9100-3MF00**	**1470.-**	**3VT93003MF00**	**1470.-**	**3VT9300-3MF00**	**1470.-**		
Phase Barriers		One set = 2 Pcs.	**3VT9100-8CE30**	**555.-**	**3VT9300-8CE30**	**775.-**	**3VT9300-8CE30**	**775.-**	**3VT9500-8CE30**	**855.-**
Panel door mounted rotary operating handles[2]		**1 set ****	**3VT9100-3HQ00**	**1760.-**	**3VT9200-3HQ00**	**2230.-**	**3VT9300-3HQ00**	**2405.-**	**3VT9500-3HQ00**	**5110.-**
Castell Interlock Kit[1]		1 set (1 lock + 1 key)	**8UC60700YQ..**	**3975.-**	**8UC60701YQ..**	**3975.-**	**8UC60701YQ..**	**3975.-**	**8UC60702YQ..**	**4080.-**

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC • Change over contact: 2C/O • Width: 35mm module	**7UG0861-1BU20**	**4145.-**
CBCT for EFR: 160 frame	3P	**7UG09910**	**1485.-**
Suitable for 3VT1	4P	**7UG09911**	**1690.-**
CBCT for EFR: 250 frame	3P	**7UG09912**	**1795.-**
Suitable for 3VT2	4P	**7UG09913**	**2115.-**
CBCT for EFR: 630 frame	3P	**7UG09914**	**2645.-**
Suitable for 3VT3	4P	**7UG09915**	**2855.-**

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

Notes:

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 For direct & lateral mounted handles please contact your nearest Sales Office.

3 Pre wired motorised drive cable to be ordered seperately along with the motorised drive

Std. Pkg. = 1 unit

* LP - List Price

\# Lateral Motorised Drive

@ Also suitable for 400V AC

$ Also suitable for 400/500V AC

^ Not suitable for 220V DC, suitable for 400V AC

& For special version spreader links with higher phase to phase clearance please contact your nearest Sales Office

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

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Ingenuity for life

When it comes to safety, nothing beats SIVACON

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

The SIVACON S8 low-voltage power distribution switchboard sets new standards failproof safety & service. In conformance to the IEC 61439-1&2, SIVACON S8 guarantees high performance, maximum safety and compact modularity.

These switchboards help industries and buildings significantly reduce investment costs and space.

Benefits

- Superior safety, performance reliability and unmatched space saving
- SIVACON Assurance - Maintenance-free for life

Features

- The only 'Arc Free' switchboards in the world
- SIVACON patented double front PCCs upto 7000A, 150kA
- Patented holeless technology for connections
- Patented ventilation technique
- Combination of fixed, plugin & drawout feeders in the same vertical
- State-of-the-art technology, innovation in design and unmatched performance

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MCCB: SENTRON 3VL

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

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

Frame size	Rated current I_n (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL160X VL160X = 3VL1	16	3VL1796-1DA36-0AA0	12495.-	3VL1796-1EH46-0AA0	16305.-	1
	20	3VL1702-1DA36-0AA0	12495.-	3VL1702-1EH46-0AA0	16305.-	1
	32	3VL1703-1DA36-0AA0	12495.-	3VL1703-1EH46-0AA0	16305.-	1
	63	3VL1706-1DA36-0AA0	12495.-	3VL1706-1EH46-0AA0	16305.-	1
	100	3VL1710-1DA36-0AA0	13070.-	3VL1710-1EH46-0AA0	17035.-	1
	125	3VL1712-1DA36-0AA0	18375.-	3VL1712-1EH46-0AA0	21495.-	1
	160	3VL1716-1DA36-0AA0	22880.-	3VL1716-1EH46-0AA0	27210.-	1

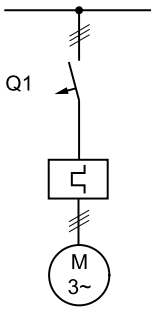
3VL MCCB, Thermal-magnetic trip unit (adjustable overload and short circuit), Icu = 55kA, 415V AC, 50 Hz

Frame size	Rated current I_n (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL160X / VL160 VL160X = 3VL1 VL160 = 3VL2	20	3VL1702-1DD36-0AA0	17840.-	3VL1702-1EA46-0AA0#	23790.-	1
	32	3VL1703-1DD36-0AA0	17840.-	3VL1703-1EA46-0AA0#	23790.-	1
	63	3VL1706-1DD36-0AA0	17840.-	3VL2706-1EM46-0AA0	23790.-	1
	100	3VL1710-1DD36-0AA0	18660.-	3VL2710-1EM46-0AA0	24880.-	1
	125	3VL1712-1DD36-0AA0	21320.-	3VL2712-1EM46-0AA0	27095.-	1
	160	3VL1716-1DD36-0AA0	26770.-	3VL2716-1EM46-0AA0	35040.-	1
VL 250	200	3VL3720-1DC36-0AA0	37390.-	3VL3720-1EM46-0AA0	52170.-	1
	250	3VL3725-1DC36-0AA0	40560.-	3VL3725-1EM46-0AA0	52170.-	1
VL 400	315	3VL4731-1DC36-0AA0	53560.-	3VL4731-1EM46-0AA0	65360.-	1
	400	3VL4740-1DC36-0AA0	53560.-	3VL4740-1EM46-0AA0	65360.-	1
VL 630	500	3VL5750-1DC36-0AA0	61305.-	3VL5750-1EM46-0AA0	72900.-	1
	630	3VL5763-1DC36-0AA0	61305.-	3VL5763-1EM46-0AA0	72900.-	1

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

Frame size	Rated current I_n (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL160X / VL160 VL160X = 3VL1 VL160 = 3VL2	20	3VL1702-2DD36-0AA0	28570.-	3VL1702-2EA46-0AA0#	36450.-	1
	32	3VL1703-2DD36-0AA0	28570.-	3VL1703-2EA46-0AA0#	36450.-	1
	63	3VL1706-2DD36-0AA0	28570.-	3VL2706-2EM46-0AA0	36450.-	1
	100	3VL1710-2DD36-0AA0	28570.-	3VL2710-2EM46-0AA0	36450.-	1
	125	3VL1712-2DD36-0AA0	40720.-	3VL2712-2EM46-0AA0	53040.-	1
	160	3VL1716-2DD36-0AA0	42495.-	3VL2716-2EM46-0AA0	54470.-	1
VL 250	200	3VL3720-2DC36-0AA0	46065.-	3VL3720-2EM46-0AA0	62665.-	1
	250	3VL3725-2DC36-0AA0	50135.-	3VL3725-2EM46-0AA0	62665.-	1
VL 400	315	3VL4731-2DC36-0AA0	53820.-	3VL4731-2EM46-0AA0	69965.-	1
	400	3VL4740-2DC36-0AA0	53820.-	3VL4740-2EM46-0AA0	69965.-	1
VL 630	500	3VL5750-2DC36-0AA0	67375.-	3VL5750-2EM46-0AA0	88280.-	1
	630	3VL5763-2DC36-0AA0	67375.-	3VL5763-2EM46-0AA0	88280.-	1

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



Frame size	Rated current I_n (A)	standard breaking capacity (55 kA, 415V, 50 Hz)		high breaking capacity (70 kA, 415V, 50 Hz)		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL160	63 A	3VL2706-1DK36-0AA0	21545.-	3VL2706-2DK36-0AA0	26860.-	1
	100 A	3VL2710-1DK36-0AA0	21545.-	3VL2710-2DK36-0AA0	26860.-	1
	160 A	3VL2716-1DK36-0AA0	32465.-	3VL2716-2DK36-0AA0	41655.-	1
VL250	250 A	3VL3725-1DK36-0AA0	43660.-	3VL3725-2DK36-0AA0	49565.-	1
VL400	315 A	3VL4731-1DK36-0AA0	51220.-	3VL4731-2DK36-0AA0	53445.-	1
VL630	500 A	3VL5750-1DK36-0AA0	58985.-	3VL5750-2DK36-0AA0	61615.-	1

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

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

Frame size	Rated current (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL 160	63	3VL2706-1SB36-0AA0	32995.-	3VL2706-1TA46-0AA0	43025.-	1
	100	3VL2710-1SB36-0AA0	32995.-	3VL2710-1TA46-0AA0	43025.-	1
	160	3VL2716-1SB36-0AA0	41875.-	3VL2716-1TA46-0AA0	57800.-	1
VL 250	200	3VL3720-1SB36-0AA0	55740.-	3VL3720-1TA46-0AA0	71575.-	1
	250	3VL3725-1SB36-0AA0	55740.-	3VL3725-1TA46-0AA0	71575.-	1
VL 400	315	3VL4731-1SB36-0AA0	60385.-	3VL4731-1TA46-0AA0	79930.-	1
	400	3VL4740-1SB36-0AA0	60385.-	3VL4740-1TA46-0AA0	79930.-	1
VL 630	630	3VL5763-1SB36-0AA0	67865.-	3VL5763-1TA46-0AA0	107445.-	1
VL 800	800	3VL6780-1SB36-0AA0	95540.-	3VL6780-1TA46-0AA0	136045.-	1
VL 1250	1000	3VL7710-1SB36-0AA0	130845.-	3VL7710-1TA46-0AA0	200890.-	1
	1250	3VL7712-1SB36-0AA0	167870.-	3VL7712-1TA46-0AA0	257610.-	1
VL 1600	1600	3VL8716-1SB30-0AA0	222870.-	3VL8716-1TA40-0AA0	302460.-	1

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

Frame size	Rated current (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL 160	63	3VL2706-2SB36-0AA0	39585.-	3VL2706-2TA46-0AA0	49040.-	1
	100	3VL2710-2SB36-0AA0	39585.-	3VL2710-2TA46-0AA0	49040.-	1
	160	3VL2716-2SB36-0AA0	51910.-	3VL2716-2TA46-0AA0	66265.-	1
VL 250	200	3VL3720-2SB36-0AA0	57645.-	3VL3720-2TA46-0AA0	83950.-	1
	250	3VL3725-2SB36-0AA0	57645.-	3VL3725-2TA46-0AA0	83950.-	1
VL 400	315	3VL4731-2SB36-0AA0	63225.-	3VL4731-2TA46-0AA0	96370.-	1
	400	3VL4740-2SB36-0AA0	63225.-	3VL4740-2TA46-0AA0	96370.-	1
VL 630	630	3VL5763-2SB36-0AA0	75155.-	3VL5763-2TA46-0AA0	119630.-	1
VL 800	800	3VL6780-2SB36-0AA0	113470.-	3VL6780-2TA46-0AA0	149065.-	1
VL 1250	1000	3VL7710-2SB36-0AA0	173680.-	3VL7710-2TA46-0AA0	256155.-	1
	1250	3VL7712-2SB36-0AA0	205500.-	3VL7712-2TA46-0AA0	287995.-	1
VL 1600	1600	3VL8716-2SB30-0AA0	248935.-	3VL8716-2TA40-0AA0	304605.-	1

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

Frame size	Rated current (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL 160	63	3VL2706-1SL36-0AA0	39835.-	3VL2706-1TN46-0AA0	50535.-	1
	100	3VL2710-1SL36-0AA0	39835.-	3VL2710-1TN46-0AA0	50535.-	1
	160	3VL2716-1SL36-0AA0	49065.-	3VL2716-1TN46-0AA0	65850.-	1
VL 250	200	3VL3720-1SL36-0AA0	67635.-	3VL3720-1TN46-0AA0	84710.-	1
	250	3VL3725-1SL36-0AA0	67635.-	3VL3725-1TN46-0AA0	84710.-	1
VL 400	315	3VL4731-1SL36-0AA0	72985.-	3VL4731-1TN46-0AA0	95190.-	1
	400	3VL4740-1SL36-0AA0	72985.-	3VL4740-1TN46-0AA0	95190.-	1
VL 630	630	3VL5763-1SL36-0AA0	79230.-	3VL5763-1TN46-0AA0	118075.-	1
VL 800	800	3VL6780-1SL36-0AA0	108460.-	3VL6780-1TN46-0AA0	148340.-	1
VL 1250	1000	3VL7710-1SL36-0AA0	143520.-	3VL7710-1TN46-0AA0	213510.-	1
	1250	3VL7712-1SL36-0AA0	179210.-	3VL7712-1TN46-0AA0	268175.-	1
VL 1600	1600	3VL8716-1SL30-0AA0	232210.-	3VL8716-1TN40-0AA0	311415.-	1

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

Frame size	Rated current (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL 160	63	3VL2706-2SL36-0AA0	42435.-	3VL2706-2TN46-0AA0	56775.-	1
	100	3VL2710-2SL36-0AA0	46680.-	3VL2710-2TN46-0AA0	56775.-	1
	160	3VL2716-2SL36-0AA0	59480.-	3VL2716-2TN46-0AA0	86775.-	1
VL 250	200	3VL3720-2SL36-0AA0	69640.-	3VL3720-2TN46-0AA0	97715.-	1
	250	3VL3725-2SL36-0AA0	69640.-	3VL3725-2TN46-0AA0	97715.-	1
VL 400	315	3VL4731-2SL36-0AA0	77585.-	3VL4731-2TN46-0AA0	111820.-	1
	400	3VL4740-2SL36-0AA0	77585.-	3VL4740-2TN46-0AA0	111820.-	1
VL 630	630	3VL5763-2SL36-0AA0	86255.-	3VL5763-2TN46-0AA0	129840.-	1
VL 800	800	3VL6780-2SL36-0AA0	125760.-	3VL6780-2TN46-0AA0	160885.-	1
VL 1250	1000	3VL7710-2SL36-0AA0	184795.-	3VL7710-2TN46-0AA0	267580.-	1
	1250	3VL7712-2SL36-0AA0	215465.-	3VL7712-2TN46-0AA0	297465.-	1
VL 1600	1600	3VL8716-2SL30-0AA0	257295.-	3VL8716-2TN40-0AA0	328125.-	1

L: Overload protection I: Short circuit protection G: Ground fault protection

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

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

Frame size	Rated current I_n (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL400	400	3VL4740-1DE36-0AA0	43685.-	3VL4740-1EE46-0AA0	53445.-	1
VL630	630	3VL5763-1DE36-0AA0	48890.-	3VL5763-1EE46-0AA0	56760.-	1
VL800	800	3VL6780-1DE36-0AA0	77785.-	3VL6780-1EE46-0AA0	93355.-	1
VL1250	1250	3VL7712-1DE36-0AA0	129680.-	3VL7712-1EE46-0AA0	197415.-	1
VL1600	1600	3VL8716-1DE30-0AA0	207495.-	3VL8716-1EE40-0AA0	262505.-	1

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

Frame size	Rated current I_n (A)	3 pole		4 pole		Std. pkg. (nos.)
		Type	Unit LP* ₹	Type	Unit LP* ₹	
VL400	400	3VL4740-2DE36-0AA0	49515.-	3VL4740-2EE46-0AA0	59885.-	1
VL630	630	3VL5763-2DE36-0AA0	56585.-	3VL5763-2EE46-0AA0	69470.-	1
VL800	800	3VL6780-2DE36-0AA0	93530.-	3VL6780-2EE46-0AA0	124810.-	1
VL1250	1250	3VL7712-2DE36-0AA0	169270.-	3VL7712-2EE46-0AA0	210640.-	1
VL1600	1600	3VL8716-2DE30-0AA0	214560.-	3VL8716-2EE40-0AA0	270370.-	1

Accessories for 3VL

Frame	VL 160 X / VL 160 / VL 250 / VL 400		VL 630 / VL 800 / VL 1250 / VL 1600		Std. pkg. (nos.)
Accessory	Type	Unit LP* ₹	Type	Unit LP* ₹	
Auxiliary switch	3VL9400-2AB00 (1NO + 1NC)	2040.-	3VL9800-2AC00 (2NO + 2NC)	3745.-	1
Auxiliary switch + Alarm switch	3VL9400-2AD00 (1NO + 1NC & 1NO)	3140.-	3VL9800-2AE00 (1NO + 1NC & 1NO)	4355.-	1
Under voltage release 110 V AC 220 - 250 V AC 415 V AC 110 V DC	 3VL9400-1UG00 3VL9400-1UH00 3VL9400-1UJ00 3VL9400-1UR00	 4805.- 4805.- 4805.- 4805.-	 3VL9800-1UG00 3VL9800-1UH00 3VL9800-1UJ00 3VL9800-1UR00	 5695.- 5695.- 5695.- 5695.-	 1 1 1 1
Shunt release 24 V DC 110 - 127 V DC 110 - 127 V AC 208 - 277 V AC	 3VL9400-1SC00 3VL9400-1SK00 3VL9400-1SR00 3VL9400-1ST00	 3615.- 3615.- 3615.- 3615.-	 3VL9800-1SC00 3VL9800-1SK00 3VL9800-1SR00 3VL9800-1ST00	 4815.- 4815.- 4815.- 4815.-	 1 1 1 1
Rotary drive kit (including 8UC handle with door interlock defeat & padlocking facility)	3VL9.00-3HQ00 ↓ 1 (For VL 160X)	2885.-	3VL9600-3HQ00 (VL630-VL800)	4720.-	1
	3 (For VL 160/250)	2920.-	3VL9800-3HF05 (VL1250-VL1600)	10725.-	1
	4 (For VL 400)	3900.-			
Castell interlock kit# (To interlock two or more circuit breakers)	8UC6070-1YQ.. (For VL160X/VL160/VL250)	3975.-	8UC6070-2YQ.. (For VL630/VL800)	4080.-	1
	8UC6070-2YQ.. (For VL400)	4080.-			
Motorised drive (Motorised operator-MO) 230-250V AC/DC	3VL9.00-3ME10 ↓ 1 (For VL160X)	20830.-	Factory fitted assembly with MCCB for VL630/800 with Z option Z-M23 (MCCB prices additional)	29980.-	1
	3 (For VL160/250)	22500.-			
	4 (For VL 400)	25830.-			
Motorised drive (Stored Energy Operator -SEO) 220-250V AC/DC	3VL9.00-3MQ00 ↓ 3 (For VL160X/VL160/VL250)	34615.-	3VL9.00-3MQ00 ↓ 6 (For VL630-VL800)	58520.-	1
	4 (For VL 400)	46565.-	8 (For VL1250-VL1600)	68705.-	1
Spreader links (with phase barriers)	3VL9216-4ED30 (VL160X/VL160-3P) 3VL9216-4ED40 (VL160X/VL160-4P) 3VL9300-4ED30 (VL250-3P) 3VL9300-4ED40 (VL250-4P) 3VL9400-4ED30 (VL400-3P) 3VL9400-4ED40 (VL400-4P)	1220.- 1490.- 1620.- 2085.- 1960.- 2235.-	3VL9500-4ED30 (VL630-3P) 3VL9500-4ED40$^{\$\$}$ (VL630-4P) 3VL9600-4ED30 (VL800-3P) 3VL9600-4ED40$^{\$\$}$ (VL800-4P) NA (for VL1250 / VL1600)	2145.- 2375.- 2610.- 2955.-	1 1 1 1

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

Spreader link 1 set = 3 nos. links and 2 nos. phase barriers in case of 3 pole and 5 nos. links and 3 nos. phase barriers in case of 4 pole, $^{\$\$}$ - 4 nos. links and 3 nos. phase barriers in case of 4 pole.

NA - Not Available

Std. Pkg. = 1 unit

* LP - List Price

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SMART 7KT: Smart metering solutions for load feeders

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

PAC 3100: Cost Effective Solution for digital measurement

- Display of instantaneous, maximum and minimum values
- Measurement of Active & Reactive Power (Import / Export / Net)
- CT polarity reversal correction from the device

PAC 3200: Specialist solution for precise energy data capture

- Dual Metering function
- Integrated ethernet interface for MODBUS TCP communication
- Optional communication over PROFIBUS DP and PROFINET

PAC 4200: Professional solution for communication and monitoring

- Integrated gateway functionality for MODBUS RTU devices
- Reliable event recording with battery backup
- Sliding window for maximum demand

Description	Type	Unit LP* ₹
SMART 7KT Multifunction Meter	7KT0310	13100.-

Description	Type	Unit LP* ₹
PAC 3100 with integrated RS 485 port for MODBUS RTU Class 1 accuracy, screw terminals AC/DC wide voltage power supply 110...240V AC ±10%, 50/60Hz, 110...250V DC ±10%	7KM3133-0BA00-3AA0	25655.-
PAC 3200 with integrated ethernet port for MODBUS TCP Class 0.5s accuracy, screw terminals With AC/DC wide voltage power supply 95...240V AC ±10%, 50/60Hz, 110...340V DC ±10%	7KM2112-0BA00-3AA0#	41540.-
PAC 4200 with integrated ethernet port for MODBUS TCP Class 0.2s accuracy, screw terminals With AC/DC wide voltage power supply 95...240V AC ±10%, 50/60Hz, 110...340V DC ±10%	7KM4212-0BA00-3AA0#	Upon Enquiry

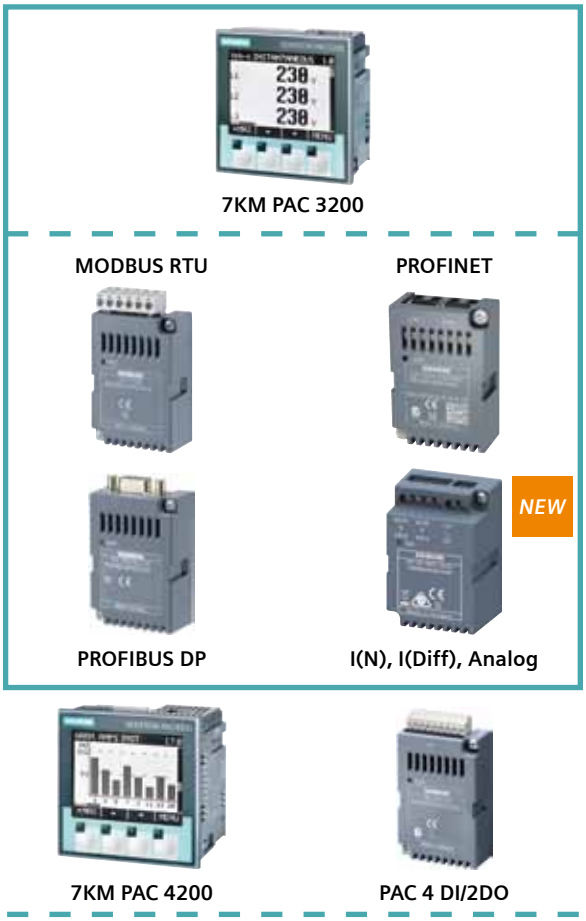
Expansion Modules (for PAC3200 and PAC4200)

Description	Type	Unit LP * ₹
PROFIBUS DP expansion module	7KM9300-0AB01-0AA0	14170.-
RS485 expansion module for MODBUS RTU	7KM9300-0AM00-0AA0	11210.-
Switched Ethernet PROFINET expansion module	7KM9300-0AE01-0AA0	Upon Enquiry
Digital Expansion Module 4DI/2DO$	7KM9200-0AB00-0AA0	Upon Enquiry

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

$ To be used only with PAC 4200. Maximum 2 no.s can be connected if communication expansion module is not connected.
For exact configuration, please contact the nearest Sales Office.

PAC EXPANSION Modules



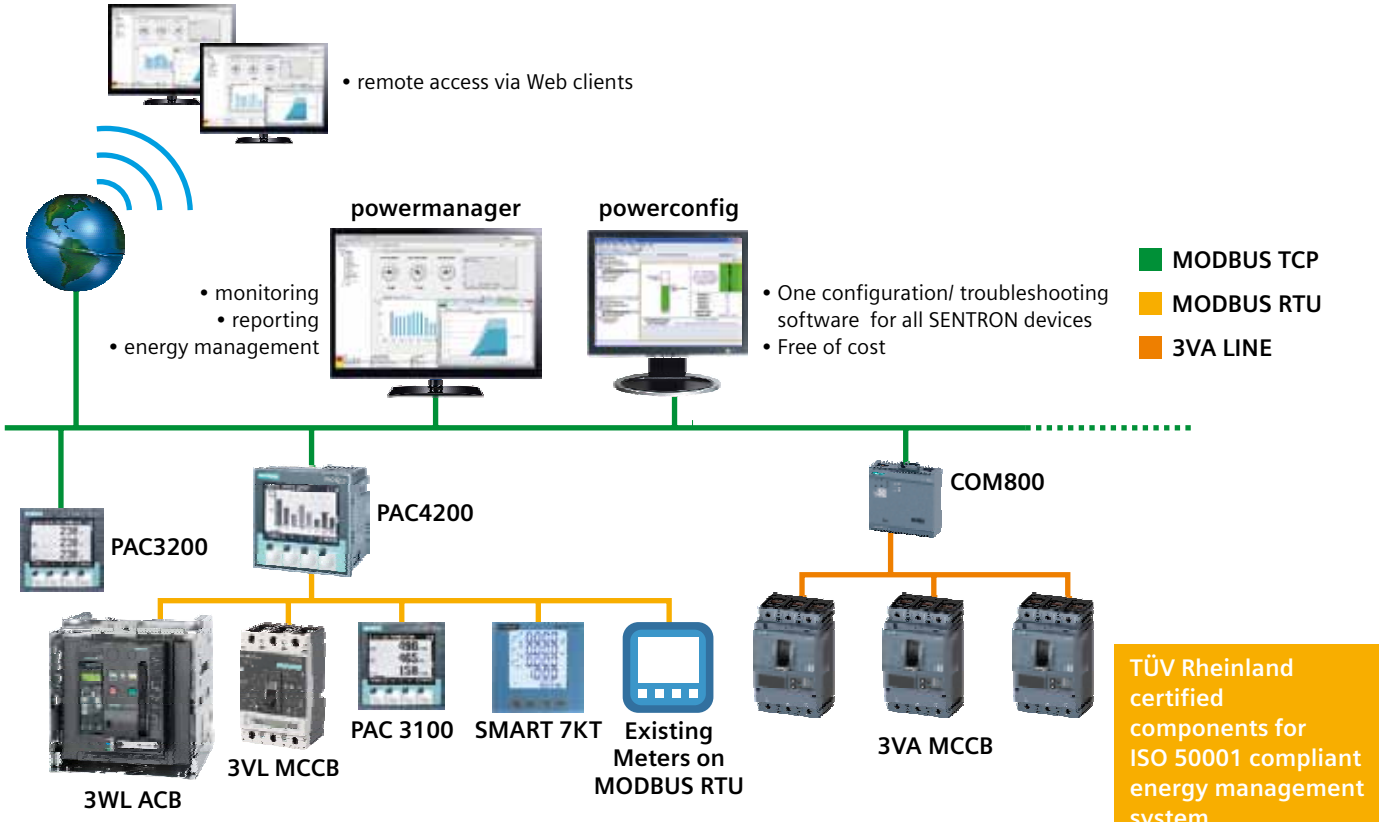
(B) Software Solution

Description	Unit LP* ₹
SENTRON powermanager: Complete Energy Management Software	Upon Enquiry

Std. Pkg. = 1 unit

* LP - List Price

Single Platform Energy Management Solution for LV power distribution



TÜV Rheinland certified components for ISO 50001 compliant energy management system

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SENTRON 7KM PAC 5100/5200

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- Measured value capture in accordance with power quality standard IEC 61000-4-30
- Recording of power quality anomalies like sag, swell and interruption
- Integrated web server to set parameters and display measured values on HTML pages

For more details, contact your nearest Siemens partner.

DIN Rail Mounted Meters for energy monitoring in Infra and Building Applications

Description	Type	Unit LP* ₹
PAC 2200 DIN rail meter with integrated RS 485 port for MODBUS RTU 65A direct connection Class 1 accuracy	**7KM2200-2EA40-1DA1**	**22150.-**
PAC 2200 DIN rail meter with integrated ethernet port for MODBUS TCP 65A direct connection Class 1 accuracy	**7KM2200-2EA40-1EA1**	**Upon Enquiry**
PAC3200T DIN rail meter with integrated ethernet port for MODBUS TCP High accuracy of class 0.5 Without display	**7KM3200-0CA01-1AA0**	**Upon Enquiry**

PAC 2200 and PAC 3200T:

Reliable and Easy energy monitoring for DIN rail Applications

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

- PAC 1600 range of single phase and three phase meters
- Space saving mounting by very slim construction
- Energy counters for active, reactive and apparent energy
- THD | Harmonics up to 15.

SIEMENS

Ingenuity for life

NEW

SENTRON

3KC (MTSE) Manual Transfer Switching Equipment

End-to-end safety for user and systems

Confirms to IEC 60947-6-1 & 60947-3
Manual Transfer Switching Equipment (MTSE) up to 1600A
3/4 pole version
Wide range of accessories

www.siemens.com/lowvoltage

3NP1 Fuse Switch Disconnector up to 630A

- 160-630A in 3- pole versions
- Rated voltage of 690V AC/440V DC
- Suitable for floor & busbar mounting
- With mechanical & electronic fuse monitoring

Application:

Machine Protection

Frequency Converter Protection

Compensation Systems (Capacitor Panels)

Distribution Boards and Switchboards

Benefits:

- Cost and space savings thanks to the compact design
- Selection charts with semiconductor fuses in accordance with IEC 60269-2
- Direct connection of stripped conductors supports considerably faster mounting / installation
- Ease of mounting with direct bus bar mounting option
- Leading auxiliary switches with respect to main contacts available

Floor mounting

Rated current (A)	Suitable for DIN fuse size	Connection	Type	Unit LP* ₹
100[1)]	000	Box terminal	**3NP1123-1CA20**	**5130.-**
160 160	00 / 000 00 / 000	Flat connector Box terminal	**3NP1133-1CA10** **3NP1133-1CA20**	**5340.-** **6405.-**
250 250	1 and 00 1 and 00	Flat connector Box terminal	**3NP1143-1DA10** **3NP1143-1DA20**	**15570.-** **18320.-**
400	2 and 1	Flat connector	**3NP1153-1DA10**	**21380.-**
630	3 and 2	Flat connector	**3NP1163-1DA10**	**28740.-**

3NP1 with in built mechanical fuse monitoring

Rated current (A)	Suitable for DIN fuse size	Connection	Type	Unit LP* ₹
160	000/00	Flat Terminals	**3NP1133-1CA11**	**18335.-**
250	1 and 00	Flat Terminals	**3NP1143-1DA11**	**27885.-**
400	2 and 1	Flat Terminals	**3NP1153-1DA11**	**33355.-**
630	3 and 2	Flat Terminals	**3NP1163-1DA11**	**40410.-**

40 mm busbar system

Rated current (A)	Suitable for DIN fuse size	Connection	Type	Unit LP* ₹
100[1)]	000	Box terminal	**3NP1123-1BB20**	**7175.-**
160 160	00 / 000 00 / 000	Flat connector Box terminal	**3NP1133-1BB10** **3NP1133-1BB20**	**8125.-** **8655.-**

3NP1 with electronic fuse monitoring

Rated current (A)	Suitable for DIN fuse size	Connection[2)]	Type	Unit LP* ₹
160	000/00	Flat terminals	**3NP1133-1CA12**	**Upon enquiry**
250	1 and 00	Flat terminals	**3NP1143-1DA12**	
400	2 and 1	Flat terminals	**3NP1153-1DA12**	
630	3 and 2	Flat terminals	**3NP1163-1DA12**	

60 mm busbar system

Rated current (A)	Suitable for DIN fuse size	Connection[2)]	Type	Unit LP* ₹
160	000/00	Flat terminals	**3NP1133-1BC10**	**Upon enquiry**
250	1 and 00	Flat terminals	**3NP1143-1BC10**	
400	2 and 1	Flat terminals	**3NP1153-1BC10**	
630	3 and 2	Flat terminals	**3NP1163-1BC10**	

Auxillary Contact (1 C/O type)

Size	Type	Unit LP* ₹
000	**3NP1920-1FA00**	**1040.-**
00	**3NP1930-1FA00**	**1040.-**
1	**3NP1940-1FA00**	**1140.-**
2	**3NP1940-1FA00**	**1140.-**
3	**3NP1940-1FA00**	**1140.-**

1) Can be used for upto 160A in combination with feeder terminal 3NP1923-1BD00 (to be ordered seperately)

2) Box type terminal variants available

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

Superswitch 3KL/3KA

- Wide range : Upto 800A in SDF and 1600A in SDs
- Available in DP,TP,TPN & TPSN variants
- Suitable for isolation as per IS/IEC 60947
- Unique positive off indication
- Suitable for AC23 Duty
- Roller contacts with high operating life
- IP65 handle with door interlock
- Wide range of accessories
- Suitable for power distribution as well as motor protection

DP

TP

TPN

TPSN

Switch Disconnector fuse, 3KL8[1) 4)], 2 Pole (in Open Execution)

Rated Current Ie @ 690V 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
100A	3KL8211-2TA00	5910.-	1
125A	3KL8221-2TA00	7505.-	1
160A	3KL8231-2TA00	7805.-	1
200A	3KL8311-2UA00	9925.-	1
250A	3KL8321-2UA00	11795.-	1
315A	3KL8331-2UA00	15030.-	1
400A$	3KL8341-2UA00	17915.-	1
500A	3KL8411-2UA00	24665.-	1
630A	3KL8421-2UA00	28930.-	1
800A$	3KL8431-2UA00	33385.-	1

Switch Disconnector fuse, 3KL8[1)], 3 Pole[3)], for Motor Feeder Protection (in Open Execution)

Rated current I_e @ 690V AC, 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-1TA00	2140.-	1
32A	3KL8121-1TA00	2175.-	1
63A	3KL8151-1TA00	3100.-	1
100A	3KL8211-1TA00	6065.-	1
125A	3KL8221-1TA00	7665.-	1
160A	3KL8231-1TA00	8485.-	1
200A	3KL8311-1UA00	11505.-	1
250A	3KL8321-1UA00	13655.-	1
315A	3KL8331-1UA00	16875.-	1
400A$	3KL8341-1UA00	20325.-	1
500A	3KL8411-1UA00	31215.-	1
630A	3KL8421-1UA00	32660.-	1
800A$	3KL8431-1UA00	35385.-	1

Switch Disconnector fuse: 3KL8[1)] for power distribution and motor protection (in Open Execution TPN) ^[3)] NEW

Rated current I_e @ 690V AC 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	2155.-	3KL8111-5TJ00	2145.-	3KL8111-5TC00	2105.-	1
32A	3KL8121-5TA00	2215.-	3KL8121-5TJ00	2205.-	3KL8121-5TC00	2150.-	1
63A	■ 3KL8151-5TA00	3125.-	3KL8151-5TJ00	3080.-	3KL8151-5TC00	2985.-	1
100A	■ 3KL8211-5TA00	6175.-	3KL8211-5TJ00	6230.-	–	–	1
125A	■ 3KL8221-5TA00	8150.-	3KL8221-5TJ00	8190.-	–	–	1
160A	■ 3KL8231-5TA00	8810.-	3KL8231-5TJ00	8940.-	–	–	1
200A	3KL8311-5UA00	11565.-	3KL8311-5UJ00	11910.-	–	–	1
250A	3KL8321-5UA00	13735.-	3KL8321-5UJ00	14115.-	–	–	1
315A	3KL8331-5UA00	16975.-	3KL8331-5UJ00	17415.-	–	–	1
400A$	3KL8341-5UA00	20455.-	3KL8341-5UJ00	20955.-	–	–	1
500A	3KL8411-5UA00	31700.-	3KL8411-5UJ00	32425.-	–	–	1
630A	3KL8421-5UA00	32870.-	3KL8421-5UJ00	33600.-	–	–	1
800A$	3KL8431-5UA00	35610.-	3KL8431-5UJ00	36405.-	–	–	1

Switch Disconnector fuse, 3KL8[1)], TPSN[2) #) 4)] (in Open Execution)

Rated current I_e @ 690V AC, 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
200A	3KL8311-4UA00	13505.-	1
250A	3KL8321-4UA00	15735.-	1
315A	3KL8331-4UA00	19435.-	1
400A$	3KL8341-4UA00	23425.-	1
500A	3KL8411-4UA00	36310.-	1
630A	3KL8421-4UA00	37640.-	1
800A$	3KL8431-4UA00	40790.-	1

^ TPN is 3 Pole with neutral link

\# TPSN is 3 Pole with switched neutral

$ Rating AC23A @ 550V, this can be utilised to AC23B @ 690V.

1) 3KL8 is rated for 690V, 50Hz, AC23A Utilisation Category.

2) For ratings upto 160A, add on switched neutral kit to be used.

3) 3KL8 TP/TPN SDFs: Unit MRP's are inclusive of front drive (Handle) kit and phase barriers

4) 3KL8 DP/TPSN SDFs: Unit MRP's are inclusive of front drive (Handle) kit, fuse cover, terminal cover and phase barriers

Notes: All SDF Unit MRPs are without fuses
All Superswitch's are supplied with Front drive (Handle) as standard

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

Superswitch 3KL/3KA

Switch Disconnector fuse: 3KL8^ for power distribution and motor protection (in Open Execution TPN)[3)4)]

Rated current I_e @ 690V AC, 50Hz	SDF suitable for DIN type HRC Fuses	Unit MRP* ₹	SDF suitable for BS type HRC Fuses	Unit MRP* ₹	SDF suitable for cylindrical type HRC Fuses	Unit MRP* ₹	Std. pkg. (nos.)
20A	3KL8111-3TA00	2440.-	3KL8111-3TJ00	2365.-	3KL8111-3TC00	2405.-	1
32A	3KL8121-3TA00	2505.-	3KL8121-3TJ00	2445.-	3KL8121-3TC00	2480.-	1
63A	3KL8151-3TA00	3535.-	3KL8151-3TJ00	3420.-	3KL8151-3TC00	3445.-	1
100A	3KL8211-3TA00	7060.-	3KL8211-3TJ00	6925.-			1
125A	3KL8221-3TA00	9230.-	3KL8221-3TJ00	9105.-			1
160A	3KL8231-3TA00	10065.-	3KL8231-3TJ00	9935.-			1
200A	3KL8311-3UA00	12865.-	3KL8311-3UJ00	12990.-			1
250A	3KL8321-3UA00	15130.-	3KL8321-3UJ00	15400.-			1
315A	3KL8331-3UA00	18700.-	3KL8331-3UJ00	19005.-			1
400A$	3KL8341-3UA00	22535.-	3KL8341-3UJ00	22870.-			1
500A	3KL8411-3UA00	35250.-	3KL8411-3UJ00	35380.-			1
630A	3KL8421-3UA00	36215.-	3KL8421-3UJ00	36660.-			1
800A$	3KL8431-3UA00	39230.-	3KL8431-3UJ00	39730.-			1

Factory fitted CYL type SDFs in SS Enclosure now available

Switch disconnector fuse in SS Enclosure[1)^]: 3KL8 (TPN)[2)] NEW

Rated current I_e @ 690V AC, 50Hz	Suitable fuse type	Switch Disconnector Fuse	Unit MRP* ₹	Std. pkg. (nos.)
20A	DIN	3KL8111-5TA10	4550.-	1
	BS	3KL8111-5TJ10	4475.-	1
	CYL	3KL8111-5TC10	4395.-	1
32A	DIN	3KL8121-5TA10	4670.-	1
	BS	3KL8121-5TJ10	4615.-	1
	CYL	3KL8121-5TC10	4530.-	1
63A	DIN	3KL8151-5TA10	5550.-	1
	BS	3KL8151-5TJ10	5425.-	1
	CYL	3KL8151-5TC10	5295.-	1
100A	DIN	3KL8211-5TA10	9040.-	1
	BS	3KL8211-5TJ10	8915.-	1
125A	DIN	3KL8221-5TA10	10720.-	1
	BS	3KL8221-5TJ10	10615.-	1
160A	DIN	3KL8231-5TA10	11500.-	1
	BS	3KL8231-5TJ10	11390.-	1
200A	DIN	3KL8311-5UA10	15745.-	1
	BS	3KL8311-5UJ10	15865.-	1
250A	DIN	3KL8321-5UA10	17850.-	1
	BS	3KL8321-5UJ10	17970.-	1
315A	DIN	3KL8331-5UA10	21230.-	1
	BS	3KL8331-5UJ10	21350.-	1
400A[$]	DIN	3KL8341-5UA10	24695.-	1
	BS	3KL8341-5UJ10	24805.-	1
500A	DIN	3KL8411-5UA10	37720.-	1
	BS	3KL8411-5UJ10	37840.-	1
630A	DIN	3KL8421-5UA10	40055.-	1
	BS	3KL8421-5UJ10	40175.-	1
800A[$]	DIN	3KL8431-5UA10	43005.-	1
	BS	3KL8431-5UJ10	43120.-	1

Switch disconnector: 3KA8^ (in Open Execution TPN)

Rated current I_e @ 690V AC, 50Hz	Switch Disconnector	Unit MRP* ₹	Std. pkg. (nos.)
63A	3KA8151-3TE00	3640.-	1
100A	3KA8211-3TE00	6235.-	1
125A	3KA8221-3TE00	7785.-	1
160A	3KA8231-3TE00	7840.-	1
200A	3KA8311-3UE00	10975.-	1
250A	3KA8321-3UE00	13490.-	1
400A	3KA8341-3UE00	19875.-	1
630A	3KA8351-3UE00	29060.-	1
800A	3KA843□-3UE00	32500.-	1
1000A@	3KA844□-3UE00	38775.-	1
1250A@	3KA845□-3UE00	52670.-	1
1600A@	3KA846□-3UE00	67240.-	1

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

NEW

SS Enclosure [1)] for 3KL/3KA

Current rating	Type	Unit MRP* ₹	Std. pkg. (nos.)
20A- 80A	3KX8155-4AC	2475.-	1
100A-160A	3KX8235-4AC	2895.-	1
200A-400A	3KX8345-4AC	3850.-	1
500A-800A	3KX8435-4AC[$$]	6315.-	1

Please note: SDF/SD to be ordered separately.

$$ For applications above 800A, recommended to be used along with gland box 3KX8435-4DC

Note:

1) SS Stands for Sheet Steel
SS Enclosures are supplied without gland plates as standard
2) TPN is 3 Pole with neutral link.
3) TPN is 3 Pole with isolable neutral
4) 3KL8 TPN SDFs: Unit MRP's are inclusive of front drive (Handle) kit, fuse cover, terminal cover, isolable neutral cover, and phase barriers.

Std. Pkg. = 1 unit

* MRP - Maximum Retail Price

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

@ Rating AC21 at 500V, 50Hz

$ Rating AC23A @ 550V, this can be utilised to AC23B @ 690V

All SDF Unit MRPs are without fuses

All Superswitch's are supplied with Front drive (Handle) as standard

3KL8 TPN SDF in SS Enclosure execution: Unit MRP's are inclusive of front drive (Handle) kit and phase barriers.

Accessories for Superswitch 3KL8/3KA8

Description	3KL811/12/15 3KA815	Unit MRP* ₹	3KL821/22/23 3KA821/22/23	Unit MRP* ₹	3KL831/32/33/34 3KA831/32/34/35	Unit MRP* ₹	3KL841/42/43 3KA843/44/45/46	Unit MRP* ₹	Std. pkg. (nos.)
Fuse Cover	3KX8150-0AC	310.-	3KX8230-0AC	440.-	3KX8340-0AC	645.-	3KX8430-0AC	910.-	1
Terminal Cover (1 set)	–	–	3KX8231-0AC	370.-	3KX8341-0AC	710.-	3KX8431-0AC	825.-	1
Isolable Neutral cover	–	–	3KX8232-0AC	185.-	3KX8342-0AC	305.-	3KX8432-0AC	370.-	1
Phase Barrier$	3KX8153-0AC	130.-	3KX8233-0AC	130.-	3KX8343-0AC	180.-	3KX8433-0AC	235.-	1
Auxiliary Switch (1NO+1NC)	3SB5400-0A^	165.-	3KX3522-1YC	565.-	3KX3552-1YC	680.-	3KX3582-1YC	825.-	1
Auxiliary Switch (2NO+2NC)	–	–	3KX3522-1YD	1020.-	3KX3552-1YD	1475.-	3KX3582-1YD	1595.-	1
Auxiliary switch cover	3KX8154-0AC	60.-	3KX8234-0AC	60.-	–	–	–	–	1
Front Drive (Handle)	8UC616	760.-	8UC626	860.-	8UC6314-1BB00	1300.-	8UC6414-1BB00	1900.-	1
Operating shaft (300mm)	8UC60-31	210.-	8UC60-32	255.-	8UC60-34	495.-	8UC60-34	495.-	1
Add on Switched 4th Pole	3KX8155-5AC	1405.-	3KX3528-1YN	1465.-	–	–	–	–	1
Add-on Isolable neutral	3KX8125-6AC (3KL811/ 3KL812)	270.-	3KX8225-6AC (3KL821/ 822) (3KA821/ 822)	390.-	3KX8315-6AC (3KL831) (3KA831)	715.-	3KX8425-6AC (3KL841/42) (3KA835)	1135.-	1
					3KX8335-6AC (3KL832/3) (3KA832)	715.-	3KX8435-6AC (3KL843) (3KA843/4/5/6)	1405.-	1
	3KX8155-6AC (3KL815/3KA815)	270.-	3KX8235-6AC (3KL823) (3KA823)	435.-	3KX8345-6AC (3KL834)(3KA834)	925.-			1
Castell interlock[1^]	8UC6070-0YQ..	3975.-	8UC6070-1YQ..	3975.-	8UC6070-2YQ..	4080.-	8UC6070-2YQ..	4080.-	1
Key interlock	–	–	–	–	3KX3588-1YP(.)#	1850.-	3KX3588-1YP(.)#	1850.-	1
Depth setting template	8UC6046-2	45.-	8UC6046-2	45.-	8UC6046-2	45.-	8UC6046-2	45.-	1
DIN Rail mounting kit	3KX8155-3AC	1505.-	–	–	–	–	–	–	1
Fuse Monitor^	3VU1340-1MS00	4215.-	3VU1340-1MS00	4215.-	3VU1340-1MS00	4215.-	3VU1340-1MS00	4215.-	1
Adapter Plate to replace old 3KL with 3KL8	3KX8155-1AC	415.-	–	–	–	–	–	–	1
Fuse safety Barrier	3KX81501AC	95.-	3KX82301AC	130.-	–	–	–	–	1
Gland box@ NEW	3KX8235-4DC	3355.-	3KX8235-4DC	3355.-	3KX8345-4DC	4640.-	3KX8435-4DC	6825.-	1
Gland plate (1no.) NEW	3KX8235-4GC	690.-	3KX8235-4GC	690.-	3KX8345-4GC	870.-	3KX8435-4GC	1025.-	1

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

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

$ For phase barriers of BS type switches contact nearest Siemens sales office.

@ Gland box includes one gland plate.

Fuse selection guide for Superswitch

Rated current in (A)	SDF type	DIN fuse size	DIN fuse type	BS fuse size	BS fuse type	NFC fuse size
20A	3KL8111	00/000	3NA78	A2	TSA/TIA	14X51
32A	3KL8121	00/000	3NA78	A2	TSA/TIA	14X51
63A	3KL8151	00/000	3NA78	A3	TIS/TSS	14X51
100A	3KL8211	00/000	3NA78	A4	TCP	–
125A	3KL8221	00/000	3NA78	A4	TCP/TSFP	–
160A	3KL8231	00/000	3NA78	A4	TCP/TSFP	–
200A	3KL8311	1 - 2	3NA71, 72	B2	TSF/TF	–
250A	3KL8321	1 - 2	3NA71, 72	B2/B3/B4	TSF/TF/TKF/TSK	–
315A	3KL8331	1 - 2	3NA72	B2/B3/B4	TSF/TF/TKF/TSK	–
400A	3KL8341	1 - 2	3NA72	B2/B3/B4	TSF/TF/TKF/TSK/TMF	–
500A	3KL8411	3	3NA33	C1/C2	TTM	–
630A	3KL8421	3	3NA33	C1/C2	TTM	–
800A	3KL8431	3	3NA33	C1/C2	TSLS	–

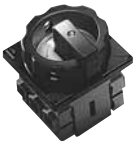
Std. Pkg. = 1 unit * MRP - Maximum Retail Price ^ - List Price

Main control and EMERGENCY STOP switches 3LD

- Rated current range: 16A-250A
- Conforms to IEC 60947-3 / UL508
- Can be used for motor & power distribution application

Main and EMERGENCY-STOP switches with rotary operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65



No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2003-0TK5□	2185.-
	25	9.5	3LD2103-0TK5□	2415.-
	32	11.5	3LD2203-0TK5□	2695.-
	63	22	3LD2504-0TK5□	4610.-
	100	37	3LD2704-0TK5□	6995.-
	125	45	3LD2804-0TK5□	8910.-
	160	75	3LD2305-0TK1□	Upon enquiry
	250	132	3LD2405-0TK1□	Upon enquiry

□ - 1: Black OR
□ - 3: Red/yellow

Main control and EMERGENCY-STOP switches with selector switch operating mechanism

Front mounting - Four hole mounting
Lockable in OFF position with upto 2 padlocks,
Degree of Protection IP65,
Including terminal cover for incoming side

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2022-0TK1□	1950.-
	25	9.5	3LD2122-0TK1□	2140.-
	32	11.5	3LD2222-0TK1□	2590.-

□ - 1: Black OR
□ - 3: Red/yellow

Changeover switches with selector switch operating mechanism

Front mounting - Four hole mounting
Selector switch cannot be locked
Degree of Protection IP65
Black Actuator

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	25	9.5	3LD2123-7UK01	4780.-
	32	11.5	3LD2223-7UK01	5235.-
	63	22	3LD2524-7UK01	8655.-
	100	37	3LD2724-7UK01	16095.-
	160	75	3LD2305-7UK01	Upon enquiry
	250	132	3LD2405-7UK01	Upon enquiry

Main control and EMERGENCY-STOP switches

In Moulded plastic enclosures
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65,
with centre hole mounting
with N and/or PE ground terminals

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2064-0TB5□	3110.-
	25	9.5	3LD2164-0TB5□	3375.-
	32	11.5	3LD2264-0TB5□	4010.-
	63	22	3LD2565-0TB5□	6640.-
	100	37	3LD2766-0TB5□	15090.-
	125	45	3LD2866-0TB5□	27315.-

□ - 1: Black OR
□ - 3: Red/yellow

Main and EMERGENCY-STOP switches with door coupling rotary operating mechanism

Panel mounting with 300mm switch shaft -
Four hole mounting
Lockable in OFF position with upto 3 padlocks,
Degree of Protection IP65
Including terminal cover for incoming side

No of Poles	Rated current (A) Ie AC21A	Motor KW AC 23A, 380....440V, 50/60Hz	Type	Unit LP* ₹
3	16	7.5	3LD2013-0TK5□	3495.-
	25	9.5	3LD2113-0TK5□	3885.-
	32	11.5	3LD2213-0TK5□	4280.-
	63	22	3LD2514-0TK5□	5135.-
	100	37	3LD2714-0TK5□	8435.-
	125	45	3LD2814-0TK5□	10535.-
	160	75	3LD2318-0TK1□	Upon enquiry
	250	132	3LD2418-0TK1□	Upon enquiry

□ - 1: Black OR
□ - 3: Red/yellow

Note: 3LD23/24 knob operated mechanism

Std. Pkg. = 1 unit

* LP - List Price

Accessories for 3LD

Mounting	Description	For Switch	Type	Unit LP* ₹	Std. pkg. (nos.)
For front mounting	Add on switched 4th pole (N Conductor Leading switch ON, delayed switch OFF)	3LD21 and 3LD22	**3LD9220-0B**	**980.-**	**1**
		3LD25	**3LD9250-0BA**	**1440.-**	**1**
		3LD27 and 3LD28	**3LD9280-0B**	**1790.-**	**1**
	N or PE terminal Continous	3LD20	**3LD9200-2B**	**655.-**	**1**
		3LD21 and 3LD22	**3LD9220-2B**	**750.-**	**1**
		3LD25	**3LD9250-2BA**	**985.-**	**1**
		3LD27 and 3LD28	**3LD9280-2B**	**1200.-**	**1**
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27 and 3LD28	**3LD9200-5B**	**1090.-**	**1**
For floor mounting or 3LD moulded plastic enclosures	Add on switched 4th pole (N Conductor Leadingswitch ON, delayed switch OFF)	3LD21 and 3LD22	**3LD9220-0C**	**980.-**	**1**
		3LD25	**3LD9250-0CA**	**1440.-**	**1**
		3LD27 and 3LD28	**3LD9280-0C**	**1790.-**	**1**
	N or PE terminal Continous	3LD20	**3LD9200-2C**	**890.-**	**1**
		3LD21 and 3LD22	**3LD9220-2C**	**750.-**	**1**
		3LD25	**3LD9250-2CA**	**985.-**	**1**
		3LD27 and 3LD28	**3LD9280-2C**	**1200.-**	**1**
	Auxiliary switches For mounting on left and/or right 1NO+1NC	3LD20, 3LD21, 3LD22, 3LD25, 3LD27 and 3LD28	**3LD9200-5C**	**1035.-**	**1**
Terminal cover for touch protection can be snapped on at top & bottom for front and floor mounting	4 pole	3LD20	**3LD9201-1A**	**335.-**	**4**
	3 pole	3LD21 and 3LD22	**3LD9221-0A**	**310.-**	**4**
	3 pole	3LD25	**3LD9251-0A**	**345.-**	**4**
	1 pole	3LD7 and 3LD28	**3LD9281-2A**	**165.-**	**4**

Also available: 3LD for Solar Photo voltaic applications. Please contact your nearest Siemens partner for more details.

Motor control switches 3LA0

Description		Motor output 415V, 50Hz, 3Ph kW	Type	Unit LP* ₹	Std. pkg. (nos.)
Open execution	On/Off	7.5	■ **3LA0201-1YA**	**1695.-**	**10**
		30	■ **3LA0601-1YB**	**3940.-**	**5**
	System selector	5.5	■ **3LA0202-1YA**	**1935.-**	**10**
		30	**3LA0602-1YB**	**5515.-**	**5**
	Reversing	5.5	■ **3LA0203-1YA**	**1935.-**	**10**
		30	■ **3LA0603-1YB**	**5515.-**	**5**
	Star-delta	12	**3LA0204-5YA**	**2730.-**	**10**
		30	**3LA0604-1YB**	**7505.-**	**5**
	2 speed pole changing i) Separate windings ii) Dahlander	5.5 5.5	**3LA0205-2YA** **3LA0205-1YA**	**1935.-** **2610.-**	**10** **10**
	Reversing pole changing	5.5	**3LA0205-3YA**	**3740.-**	**10**
In sheet steel housing	On/Off	7.5	■ **3LA0221-1YA**	**2295.-**	**1**
		30	■ **3LA0621-1YB**	**5930.-**	**1**
	System selector	5.5	**3LA0222-1YA**	**2660.-**	**1**
	Reversing	5.5	■ **3LA0223-1YA**	**3150.-**	**1**

Spares & accessories for motor control switches**

Description	Type	Unit LP* ₹	Std. pkg. (nos.)
Ball handle – Black	■ **3LX0 211-1YA**	**100.-**	**10**
Machine handle – Black	**3LX0 611-2YA**	**280.-**	**10**
Indicating dial for size 2	■ **3LX0 220-1YA**	**80.-**	**10**
Indicating dial for size 6	■ **3LX0 620-1YA**	**80.-**	**10**
Catching lever for the drive mechanism of size 2switch (2 nos. reqd. per switch)	**3LY0 220-2YA**	**80.-**	**10**
Tension spring for the drive mechanism of size 2 switch	**3LY0 210-1YA**	**70.-**	**10**

** All parts supplied loose in polythene bags.

Heavy duty switches 3LA0

No. of poles	Rated current		Open execution		
	AC 22A	AC 23A	Type	Unit LP* ₹	Std. pkg. (nos.)
2	25	16	■ **3LA0205-4YA**	**1160.-**	**10**
	63	52	**3LA0605-1YB**	**2790.-**	**5**
4	25	16	■ **3LA0205-5YA**	**1935.-**	**10**
	63	52	■ **3LA0605-2YB**	**5095.-**	**5**

Control switches 3ST

Switch	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
2-Pole On-Off [1), 2)] **3-Pole On-Off** [1), 2)]	415V, 50Hz/8.5A	■ **3ST1 400-0AF08** ■ **3ST1 400-1AH08**	**585.-** **710.-**	**10** **10**
Ammeter selector **Voltmeter selector**	0–L1–L2–L3 0–L1L2–L2L3–L3L1	■ **3ST1 400-2RQ08** ■ **3ST1 400-1RK08**	**1060.-** **745.-**	**10** **10**

1) 12th place code '8' represents black knob. Replace it by '9' for red knob.
2) 9th place code 'A' represents rotation < 360°. For 360° rotation, replace it by 'B'

■ **Stock items** * LP - List Price

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NEW

Betagard 5SL7
Miniature Circuit Breaker

The new 5SL7 Miniature Circuit breaker from Siemens conforms to IS/IEC 60898-1 and is available in "C" and "D" characteristics with breaking capacity upto 15kA

Key features :

- Terminal covers for protection
- Patented SLR feature
- Enhanced mechanical and electrical endurance
- Uniform busbar concept in line with Betagard MCBs
- Tested for Shock and Resistance to vibration as per IS/IEC 60068

www.siemens.com

Betagard Miniature Circuit Breakers
Type 5SL6 and 5SL4

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

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

	I_n A	MW#	7500A		10000A	Std. Pkg. (Nos.)
			Characteristic B	Characteristic C		
1P, 240/415 V AC	0.5	1	--	5SL61057RC	5SL41057RC	1/12
	1		--	5SL61017RC	--	1/12
	2		--	5SL61027RC	5SL41027RC	1/12
	3		--	5SL61037RC	5SL41037RC	1/12
	4		--	5SL61047RC	5SL41047RC	1/12
	6		5SL61066RC	5SL61067RC	5SL41067RC	1/12
	8		--	5SL61087RC	5SL41087RC	1/12
	10		5SL61106RC	5SL61107RC	5SL41107RC	1/12
	13		--	5SL61137RC	5SL41137RC	1/12
	16		5SL61166RC	5SL61167RC	5SL41167RC	1/12
	20		5SL61206RC	5SL61207RC	5SL41207RC	1/12
	25		5SL61256RC	5SL61257RC	5SL41257RC	1/12
	32		5SL61326RC	5SL61327RC	5SL41327RC	1/12
	40		5SL61406RC	5SL61407RC	5SL41407RC	1/12
	50		5SL61506RC	5SL61507RC	5SL41507RC	1/12
	63		5SL61636RC	5SL61637RC	5SL41637RC	1/12
2P, 415 V AC	0.5	2	--	5SL62057RC	5SL42057RC	1/6
	1		--	5SL62017RC	--	1/6
	2		--	5SL62027RC	5SL42027RC	1/6
	3		--	5SL62037RC	5SL42037RC	1/6
	4		--	5SL62047RC	5SL42047RC	1/6
	6		5SL62066RC	5SL62067RC	5SL42067RC	1/6
	8		--	5SL62087RC	5SL42087RC	1/6
	10		5SL62106RC	5SL62107RC	5SL42107RC	1/6
	13		--	5SL62137RC	5SL42137RC	1/6
	16		5SL62166RC	5SL62167RC	5SL42167RC	1/6
	20		5SL62206RC	5SL62207RC	5SL42207RC	1/6
	25		5SL62256RC	5SL62257RC	5SL42257RC	1/6
	32		5SL62326RC	5SL62327RC	5SL42327RC	1/6
	40		5SL62406RC	5SL62407RC	5SL42407RC	1/6
	50		5SL62506RC	5SL62507RC	5SL42507RC	1/6
	63		5SL62636RC	5SL62637RC	5SL42637RC	1/6
3P, 415 V AC	0.5	3	--	5SL63057RC	5SL43057RC	1/4
	1		--	5SL63017RC	--	1/4
	2		--	5SL63027RC	5SL43027RC	1/4
	3		--	--	5SL43037RC	1/4
	4		--	5SL63047RC	5SL43047RC	1/4
	6		5SL63066RC	5SL63067RC	5SL43067RC	1/4
	8		--	--	5SL43087RC	1/4
	10		5SL63106RC	5SL63107RC	5SL43107RC	1/4
	13		--	--	5SL43137RC	1/4
	16		5SL63166RC	5SL63167RC	5SL43167RC	1/4
	20		5SL63206RC	5SL63207RC	5SL43207RC	1/4
	25		5SL63256RC	5SL63257RC	5SL43257RC	1/4
	32		5SL63326RC	5SL63327RC	5SL43327RC	1/4
	40		5SL63406RC	5SL63407RC	5SL43407RC	1/4
	50		5SL63506RC	5SL63507RC	5SL43507RC	1/4
	63		5SL63636RC	5SL63637RC	5SL43637RC	1/4
4P, 415 V AC	0.5	4	--	5SL64057RC	5SL44057RC	1/3
	1		--	5SL64017RC	--	1/3
	2		--	5SL64027RC	5SL44027RC	1/3
	3		--	--	5SL44037RC	1/3
	4		--	5SL64047RC	5SL44047RC	1/3
	6		5SL64066RC	5SL64067RC	5SL44067RC	1/3
	8		--	--	5SL44087RC	1/3
	10		5SL64106RC	5SL64107RC	5SL44107RC	1/3
	13		--	--	5SL44137RC	1/3
	16		5SL64166RC	5SL64167RC	5SL44167RC	1/3
	20		5SL64206RC	5SL64207RC	5SL44207RC	1/3
	25		5SL64256RC	5SL64257RC	5SL44257RC	1/3
	32		5SL64326RC	5SL64327RC	5SL44327RC	1/3
	40		5SL64406RC	5SL64407RC	5SL44407RC	1/3
	50		5SL64506RC	5SL64507RC	5SL44507RC	1/3
	63		5SL64636RC	5SL64637RC	5SL44637RC	1/3

1 MW (Module Width) = 18 mm & subject to application specific circuit connections. Kindly contact nearest sales office

Refer latest Elecrical Installations from A to Z MRP for prices

Betagard Circuit Breakers

NEW

5SL7 Miniature circuit breaker

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

IS/IEC 60898 - 1

CM/L No. 2255548

5SL5 Circuit Breakers

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

	Rated current I_n (A)	MW#				10000A		Std. Pkg. (Nos)
				Characteristic C	Characteristic D	Characterestic C, DC		
	0.5	1	1P, 240/415V AC	--	--	1P, 220V DC	5SL51057RC	1/12
	1			--	--		5SL51017RC	1/12
	2			5SL71027RC	5SL71028RC		5SL51027RC	1/12
	4			5SL71047RC	5SL71048RC		5SL51047RC	1/12
	6			5SL71067RC	5SL71068RC		5SL51067RC	1/12
	10			5SL71107RC	5SL71108RC		5SL51107RC	1/12
	16			5SL71167RC	5SL71168RC		5SL51167RC	1/12
	20			5SL71207RC	5SL71208RC		5SL51207RC	1/12
	25			5SL71257RC	5SL71258RC		5SL51257RC	1/12
	32			5SL71327RC	5SL71328RC		5SL51327RC	1/12
	40			5SL71407RC	5SL71408RC		5SL51407RC	1/12
	50			5SL71507RC	5SL71508RC		5SL51507RC	1/12
	63			5SL71637RC	5SL71638RC		5SL51637RC	1/12
	0.5	2	2P, 415V AC	--	--	2P, 440V DC	5SL52057RC	1/6
	1			--	--		5SL52017RC	1/6
	2			5SL72027RC	5SL72028RC		5SL52027RC	1/6
	4			5SL72047RC	5SL72048RC		5SL52047RC	1/6
	6			5SL72067RC	5SL72068RC		5SL52067RC	1/6
	10			5SL72107RC	5SL72108RC		5SL52107RC	1/6
	16			5SL72167RC	5SL72168RC		5SL52167RC	1/6
	20			5SL72207RC	5SL72208RC		5SL52207RC	1/6
	25			5SL72257RC	5SL72258RC		5SL52257RC	1/6
	32			5SL72327RC	5SL72328RC		5SL52327RC	1/6
	40			5SL72407RC	5SL72408RC		5SL52407RC	1/6
	50			5SL72507RC	5SL72508RC		5SL52507RC	1/6
	63			5SL72637RC	5SL72638RC		5SL52637RC	1/6
	2	3	3P, 415V AC	5SL73027RC	5SL73028RC	--	--	1/4
	4			5SL73047RC	5SL73048RC		--	1/4
	6			5SL73067RC	5SL73068RC		--	1/4
	10			5SL73107RC	5SL73108RC		--	1/4
	16			5SL73167RC	5SL73168RC		--	1/4
	20			5SL73207RC	5SL73208RC		--	1/4
	25			5SL73257RC	5SL73258RC		--	1/4
	32			5SL73327RC	5SL73328RC		--	1/4
	40			5SL73407RC	5SL73408RC		--	1/4
	50			5SL73507RC	5SL73508RC		--	1/4
	63			5SL73637RC	5SL73638RC		--	1/4
	2	4	4P, 415V AC	5SL74027RC	5SL74028RC	--	--	1/3
	4			5SL74047RC	5SL74048RC		--	1/3
	6			5SL74067RC	5SL74068RC		--	1/3
	10			5SL74107RC	5SL74108RC		--	1/3
	16			5SL74167RC	5SL74168RC		--	1/3
	20			5SL74207RC	5SL74208RC		--	1/3
	25			5SL74257RC	5SL74258RC		--	1/3
	32			5SL74327RC	5SL74328RC		--	1/3
	40			5SL74407RC	5SL74408RC		--	1/3
	50			5SL74507RC	5SL74508RC		--	1/3
	63			5SL74637RC	5SL74638RC		--	1/3

1 MW (Module Width) = 18 mm

Refer latest Elecrical Installations from A to Z MRP for prices

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HRC fuses (DIN) 3NA

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

IS 13703 Part 1
CM/L No. 0787470

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

Size	Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
000	2	3NA78020RC	345.-	1/6
	4	3NA78040RC	345.-	1/6
	6	3NA78010RC	345.-	1/6
	10	3NA78030RC	345.-	1/6
	16	3NA78050RC	350.-	1/6
	20	3NA78070RC	350.-	1/6
	25	3NA78100RC	350.-	1/6
	32	3NA78120RC	350.-	1/6
	40	3NA78170RC	375.-	1/6
	50	3NA78200RC	375.-	1/6
	63	3NA78220RC	415.-	1/6
	80	3NA78240RC	445.-	1/6
	100	3NA78300RC	445.-	1/6
00	125	3NA78320RC	545.-	1/6
	160	3NA78360RC	570.-	1/6
1	50	3NA71200RC	740.-	1/3
	63	3NA71220RC	740.-	1/3
	80	3NA71240RC	740.-	1/3
	100	3NA71300RC	740.-	1/3
	125	3NA71320RC	770.-	1/3
	160	3NA71360RC	795.-	1/3
	200	3NA71400RC	795.-	1/3
	224	3NA71420RC	825.-	1/3
	250	3NA71440RC	895.-	1/3
2	200	3NA72400RC	1100.-	1/3
	250	3NA72440RC	1140.-	1/3
	315	3NA72520RC	1185.-	1/3
	400*	3NA72600RC	1185.-	1/3
3	315	3NA33520RC	1685.-	1/3
	400	3NA33600RC	1685.-	1/3
	500	3NA33650RC	1885.-	1/3
	630	3NA33720RC	1925.-	1/3
	800*	3NA33754RC	2345.-	1/3

* 400A & 800A rated at 415V AC

Isolating links (DIN)

Size	Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
00	160	■ 3NG1000	350.-	1
1	250	■ 3NG1250	525.-	1
2	400	■ 3NG1300	855.-	1
3	630	■ 3NG1400	890.-	1

Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Type	Unit MRP* ₹	Std. pkg.** (nos.)
00	160	3NA7 8	■ 3NH3030-0RC (Screw-in connection at both ends)	425.-	1/10
00	160	3NA7 8	■ 3NH3032-0RC (Plug-in connection at both ends)	445.-	1/10
1	250	3NA7 1	■ 3NH3230-0RC	835.-	1/5
2	400	3NA7 2	■ 3NH3330-0RC	1210.-	1/5
3	630	3NA3 3	■ 3NH3430-0RC	1705.-	1/5
3	800	3NA3 3	■ 3NH3430-4RC	2055.-	1/5

Fuse puller

Description	Type	MRP* ₹	Std. pkg.** (nos.)
Suitable for 3KL8/3KT8 and all sizes of fuse links/isolating links	■ 3NX1011	1745.-	1
Suitable only for fuse links and isolating links	3NX1010	870.-	1

Fuse Puller: 3NX1010

Isolating Link

Fuse Base

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

Size	Rated current (A)	Type	Unit MRP* ₹	Std. pkg.** (nos.)
00	40	3NA78176RC	460.-	1/6
	50	3NA78206RC	460.-	1/6
	63	3NA78226RC	495.-	1/6
	80	3NA78246RC	520.-	1/6
	100	3NA78306RC	520.-	1/6
1	125	3NA71326RC	900.-	1/3
	160	3NA71366RC	935.-	1/3
	200	3NA71406RC	935.-	1/3
2	250	3NA72446RC	1240.-	1/3
	315	3NA72526RC	1325.-	1/3
3	400	3NA33606RC	1980.-	1/3
	425	3NA33626RC	1980.-	1/3
	500	3NA33656RC	2110.-	1/3

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

Size	Rated current (A)	Type	Unit MRP*₹
000	2A	3NA78026	Upon enquiry
	4A	3NA78046	Upon enquiry
	6A	3NA78016	Upon enquiry
	10A	3NA78036	Upon enquiry
	16A	3NA78056	Upon enquiry
	20A	3NA78076	Upon enquiry
	25A	3NA78106	Upon enquiry
	32A	3NA78126	Upon enquiry
	35A	3NA78146	Upon enquiry

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

* MRP - Maximum Retail Price

HRC fuses (BS) 3NW

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

Blade tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	■ 3NWNS2	85.-	20
4	■ 3NWNS4	85.-	20
6	■ 3NWNS6	85.-	20
10	■ 3NWNS10	85.-	20
16	■ 3NWNS16	85.-	20
20	■ 3NWNS20	95.-	20
25	■ 3NWNS25	95.-	20
32	3NWNS32	95.-	20

Offset tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
2	3NWTIA2	120.-	20
4	3NWTIA4	120.-	20
6	3NWTIA6	120.-	20
10	■ 3NWTIA10	120.-	20
16	■ 3NWTIA16	120.-	20
20	■ 3NWTIA20	120.-	20
25	■ 3NWTIA25	120.-	20
32	■ 3NWTIA32	120.-	20
40	3NWTIS40	185.-	20
50	■ 3NWTIS50	185.-	20
63	■ 3NWTIS63	185.-	20
80	3NWTCP80	475.-	10
100	■ 3NWTCP100	475.-	10
125	3NWTFP125	725.-	5
160	3NWTFP160	725.-	5
200	3NWTFP200	725.-	5

Central tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTC80	510.-	10
100	3NWTC100	510.-	10
125	3NWTF125	790.-	5
160	3NWTF160	790.-	5
200	3NWTF200	790.-	5
250	3NWTKF250	1130.-	1
315	3NWTKF315	1130.-	1
355	3NWTMF355	1560.-	1
400	3NWTMF400	1560.-	1
500	3NWTTM500	2450.-	1
630	3NWTTM630	3240.-	1
710	3NWTLM710	3695.-	1
800	3NWTLM800	3695.-	1

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

■ **Stock items**

* MRP - Maximum Retail Price

Offset tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
6	3NWTSA6	95.-	20
10	3NWTSA10	95.-	20
16	3NWTSA16	95.-	20
20	3NWTSA20	95.-	20
25	3NWTSA25	95.-	20
32	3NWTSA32	95.-	20
36	3NWTSS36	200.-	20
40	3NWTSS40	200.-	20
50	3NWTSS50	200.-	20
63	3NWTSS63	200.-	20
80	3NWTSDS80	290.-	20
100	3NWTSDS100	290.-	20
125	3NWTSFP125	470.-	5
160	3NWTSFP160	470.-	5
200	3NWTSFP200	470.-	5

Central tag

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
80	3NWTSDC80	350.-	10
100	3NWTSDC100	350.-	10
125	3NWTSF125	475.-	5
160	3NWTSF160	475.-	5
200	3NWTSF200	475.-	5
250	3NWTSK250	855.-	1
315	3NWTSK315	855.-	1
355	3NWTSMS355	1425.-	1
400	3NWTSMS400	1425.-	1
450	3NWTSTS450	1455.-	1
500	3NWTSTS500	1455.-	1
560	3NWTSLS560	2350.-	1
630	3NWTSLS630	2350.-	1
800	3NWTSLS800	3395.-	1

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

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
32	3NWCM32F9	1425.-	10
63	3NWCM63F9	1675.-	10
100	3NWCM100F9	1840.-	10

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

Rated current A	Type	Unit MRP* ₹	Std. pkg.** (nos.)
20	■ 3NW20NNSF	175.-	10
32	■ 3NW32NNSF	215.-	10
32A (Iso. Link)	■ 3NW32NNSL	95.-	10

Please order in multiples of standard packing.

Fuses for semiconductor protection - SITOR 3NE / 3NC

- Current Range upto 2400A
- Operating voltage: 500V - 2500V AC
- Suitable for mounting in fuse base / SDF / busbars

3NE4 type

Rated voltage V	Rated current (A)	Type	Utilization category	DIN size	Unit LP* ₹	Std. pkg.** (nos.)
1000	32	■ 3NE4101	gR	1	1730.-	1
	40	■ 3NE4102	gR	1	1735.-	1
	50	■ 3NE4117	gR	1	1820.-	1
	80	■ 3NE4120	aR	1	1965.-	1
	100	■ 3NE4121	aR	1	2155.-	1
	125	■ 3NE4122	aR	1	2315.-	1
	160	■ 3NE4124	aR	1	2550.-	1
800	250	■ 3NE43276	aR	–	5155.-	1
	315	■ 3NE43306	aR	–	5320.-	1
	450	■ 3NE43336	aR	–	5565.-	1
	500	■ 3NE43346	aR	–	5610.-	1
	710	■ 3NE43376	aR	–	6100.-	1

3NE9 type
600 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
850	3NE94406	gR	–	20290.-	3
1250	3NE9450	aR	–	19120.-	3

3NE8 type[1)]
690 V AC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
25	3NE80151	gR	00	3380.-	3
35	3NE80031	gR	00	3380.-	3
50	3NE80171	gR	00	3380.-	3
63	3NE80181	gR	00	3380.-	3
80	3NE80201	aR	00	3760.-	3
100	3NE80211	aR	00	3930.-	3
125	3NE80221	aR	00	3990.-	3
160	3NE80241	aR	00	4380.-	3

3NE1 type[1)]
690 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
16	3NE18130	gS	000	3990.-	3
20	3NE18140	gS	000	3990.-	3
25	3NE18150	gS	000	3990.-	3
35	3NE18030	gS	000	3990.-	3
40	3NE18020	gS	000	3990.-	3
50	3NE18170	gS	000	3990.-	3
63	3NE18180	gS	000	3990.-	3
80	3NE18200	gS	000	3990.-	3
100	3NE10210	gS	00	5440.-	3
125	3NE10220	gS	00	5440.-	3
160	3NE12240	gS	1	13185.-	3
200	3NE12250	gS	1	13185.-	3
250	3NE12270	gS	1	13845.-	3
315	3NE12300	gS	1	14845.-	3
350	3NE13310	gS	2	18435.-	3
400	3NE13320	gS	2	18600.-	3
450	3NE13330	gS	2	18710.-	3
500	3NE13340	gS	2	18995.-	3
560	3NE14350	gS	3	19095.-	3
630	3NE14360	gS	3	19925.-	3
710	3NE14370	gS	3	20720.-	3
800	3NE14380	gS	3	24275.-	3

3NE8 type
690 V AC / 700V DC

Rated current (A)	Type	Utilization category	Size	Unit LP* ₹	Std. pkg.** (nos.)
20	3NE87141	gR	000	upon enquiry	10
25	3NE87151	gR	000		10
32	3NE87011	gR	000		10
40	3NE87021	gR	000		10
50	3NE87171	gR	000		10
63	3NE87181	aR	000		10
80	3NE87201	aR	000		10
100	3NE87211	aR	000		10
125	3NE87221	aR	000		10
160	3NE87241	aR	000		10
200	3NE87251	aR	000		10
250	3NE87271	aR	000		10
315	3NE87311	aR	000		10

Note: For current ratings > 1600A ,Operating voltage > 2000V AC please contact our nearest sales office.

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

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

■ **Stock items**

* LP - List Price

Please order in multiples of standard packing.

Fuses for semiconductor protection - SITOR 3NE / 3NC

3NE3 type
1000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
100	3NE3221	aR	1	9470.-	3
125	3NE3222	aR	1	9740.-	3
160	3NE3224	aR	1	9740.-	3
200	3NE3225	aR	1	9905.-	3
250	3NE3227	aR	1	10165.-	3
315	3NE32300B	aR	1	10580.-	3
350	3NE3231	aR	1	12565.-	3
400	3NE32320B	aR	1	13460.-	3
450	3NE3233	aR	1	13935.-	3
400	3NE33320B	aR	2	13585.-	3
450	3NE3333	aR	2	14305.-	3
500	3NE33340B	aR	2	14575.-	3
560	3NE3335	aR	2	15125.-	3
630	3NE3336	aR	2	15845.-	3
710^	3NE33378	aR	2	23500.-	3
800^	3NE33388	aR	2	24150.-	3
900^	3NE33408	aR	2	28765.-	3
100	3NE34210C	aR	3	19280.-	3
224	3NE36260C	aR	3	19380.-	3
315	3NE34300C	aR	3	20735.-	3
400	3NE34320C	aR	3	21950.-	3
450	3NE36350C	aR	3	23290.-	3
500	3NE34340C	aR	3	27870.-	3
630	3NE36360C	aR	3	32245.-	3
710	3NE36370C	aR	3	33425.-	3

^ 710A: 900V AC; 800A: 800V AC; 900A: 690V AC

3NE5 type
1500 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
160	3NE54240C	aR	3	28835.-	2
224	3NE54260C	aR	3	31545.-	2
250	3NE56270C	aR	3	29265.-	3
315	3NE54300C	aR	3	30130.-	2
350	3NE54310C	aR	3	28170.-	2
450	3NE56330C	aR	3	31740.-	3
600	3NE56430C	aR	3	33290.-	3

3NE7 type
2000 V AC

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
200	3NE74250U	aR	3	Upon Enquiry	2
250	3NE74270U	aR	3	Upon Enquiry	2
350	3NE74310U	aR	3	Upon Enquiry	2
400	3NE74320U	aR	3	Upon Enquiry	2
450	3NE76331U	aR	3	Upon Enquiry	2
525	3NE76481U	aR	3	Upon Enquiry	2
630	3NE76361U	aR	3	Upon Enquiry	2
710	3NE76371U	aR	3	Upon Enquiry	2

3NC type
690V AC#

Rated current (A)	Type	Utilization category	DIN Size	Unit LP* ₹	Std. pkg.** (nos.)
150	3NC84233C	gR	3	19235.-	3
200	3NC84253C	gR	3	13415.-	3
250	3NC84273C	gR	3	15350.-	3
350	3NC84313C	gR	3	15825.-	3
500	3NC84343C	gR	3	17100.-	3
1000	3NC84443C	aR	3	31070.-	3

1000A, 600V AC

Also Avaialble

1. Cylindrical fuse range upto 100A, for both general purpose & Semiconductor protection
2. Fuses for Photovoltaic application (DC 1000V / 1500V)
3. D-Type fuse Range upto 100A

For more details please contact your nearest sales office.

Utilization category as per VDE 0636/IEC 60269

Semiconductor	aR, gR, gS
Cable & Conductor	gG
Motor	aM

1st letter
a = Partial range of protection (accompanied fuses)
g = Complete range protection (general purpose fuses)

2nd letter
G(-L) = Cable & conductor protection (general purpose fuses)
M = Motor protection
R, S = Semiconductor protection

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

* LP - List Price

Please order in multiples of standard packing.

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

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- **In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.**
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- MCCB protection setting should be maintained as per below chart.
- For charts with 3VT MCCB for ratings below 75kW, please consult Siemens.
- Recommended selection.

Direct-on-line feeder

Sr No	kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Breaking Capacity Iq	Circuit Breaker				Bi-relay		Contactor	
				MCCB	Rated current In (A)	Overload Setting Ir (A)	S/C Setting .. X Ir	Type	Range (A)	Type	Amp
1	75	131	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9325-6AC00**	250	231	12.5 X Ir	**3RU21 56-5DB10-8K**	110 - 160	**3RT1055**	150
2	90	156	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	315	12.5 X Ir	**3RU21 56-5EB10-8K**	140 - 200	**3RT1056**	185
3	110	189	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	400	12.5 X Ir	**3RU21 66-5FB10-8K**	180 - 250	**3RT1064**	225
4	132	227	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	455	12.5 X Ir	**3RU21 66-5GB10-8K**	220 - 320	**3RT1065**	265
5	160	271	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	550	12.5 X Ir	**3RU21 66-5GB10-8K**	220 - 320	**3RT1066**	300
6	200	339	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	630	12.5 X Ir	**3RU21 76-5HB10-8K**	280 - 400	**3RT1076**	500
7	250	398	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	630	12.5 X Ir	**3RU21 76-5JB10-8K**	350 - 500	**3RT1076**	500

Star-Delta feeder

Sr No	kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Phase Current Iph (A)	Breaking Capacity Iq	Circuit Breaker				Bi-relay		Contactor (Line/Delta)		Contactor (Star)	
					MCCB	Rated current In (A)	Overload Setting Ir (A)	S/C Setting .. X Ir	Type	Range (A)	Type	Amp	Type	Amp
1	75	131	75.6	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9325-6AC00**	250	200	12.5 X Ir	**3RU11 46-4LB0**	70 - 90	**3RT1055**	150	**3RT1044**	65
2	90	156	90.1	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9325-6AC00**	250	231	12.5 X Ir	**3RU11 46-4MB0**	80 - 100	**3RT1056**	185	**3RT1044**	65
3	110	189	109	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	290	12.5 X Ir	**3RU21 56-5CB10-8K**	90 - 125	**3RT1064**	225	**3RT1054**	115
4	132	227	131.1	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	345	12.5 X Ir	**3RU21 56-5DB10-8K**	110 - 160	**3RT1065**	265	**3RT1054**	115
5	160	271	156.5	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	400	12.5 X Ir	**3RU21 56-5EB10-8K**	140 - 200	**3RT1066**	300	**3RT1054**	115
6	200	339	195.7	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	500	12.5 X Ir	**3RU21 56-5FB10-8K**	180 - 250	**3RT1076**	500	**3RT1056**	185
7	250	398	229.8	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	575	12.5 X Ir	**3RU21 56-5GB10-8K**	220 - 320	**3RT1076**	500	**3RT1065**	265

Note: **For ratings below 75kW, with SCPD 3RV MPCB, please refer to LV SGR - Motor Control Products Price list page no. 90 or consult nearest Siemens Office.**
For Type 2 Co-ordination chart with SCPD 3VA MCCB, please refer to LV SGR - Motor Control Products Price list page no. 90 or consult nearest Siemens Office.

Fuseless selection Iq = 50 kA, IS/IEC:60947-4-1
(3VT with 3TF & 3UA)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e MCCB + Contactor + Birelay mentioned below.
- **In case this combination is changed to accommodate another brand / rating of MCCB / contactor / birelay, it shall be the responsibility of the person making such a change to assure the coordination.**
- Selection is for normal starting conditions with starting time ≤ 6 seconds. (For heavy starting applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- MCCB protection setting should be maintained as per below chart.
- For charts with 3VT MCCB for ratings below 75kW, please consult Siemens.
- Recommended selection.

Direct-on-line feeder

Sr No	kW 415V, 3ph, 50/60 Hz	Rated current IL (A)	Breaking Capacity Iq	Circuit Breaker				Bi-relay		Contactor	
				MCCB	Rated current In (A)	Overload Setting Ir (A)	S/C Setting .. X Ir	Type	Range (A)	Type	Amp
1	75	131	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9325-6AC00**	250	231	12.5 X Ir	**3UA62 30-5A**	85 - 135	**3TF52**	170
2	90	156	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	315	12.5 X Ir	**3UA62 30-5B**	115-180	**3TF53**	205
3	110	189	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	400	12.5 X Ir	**3UA62 30-5C**	160 - 250	**3TF53**	205
4	132	227	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	455	12.5 X Ir	**3UA62 30-5C**	160 - 250	**3TF54**	250
5	160	271	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	550	12.5 X Ir	**3UA62 30-5D**	200 - 320	**3TF55**	300
6	200	339	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	630	12.5 X Ir	**3UA62 30-5E**	250 - 400	**3TF57**	475
7	250	398	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	630	12.5 X Ir	**3UA68 30-5F**	320 - 500	**3TF57**	475

Star-Delta feeder

Sr No	kW 415V, 3ph, 50/60 Hz	Rated current I_L (A)	Phase Current Iph (A)	Breaking Capacity Iq	Circuit Breaker				Bi-relay		Contactor (Line/Delta)		Contactor (Star)	
					MCCB	Rated current In (A)	Overload Setting Ir (A)	S/C Setting .. X Ir	Type	Range (A)	Type	Amp	Type	Amp
1	75	131	75.6	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9325-6AC00**	250	200	12.5 X Ir	**3UA58 00-8YZ1**	70 - 95	**3TF52**	170	**3TF47**	63
2	90	156	90.1	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9325-6AC00**	250	231	12.5 X Ir	**3UA58 30-5B**	70 - 95	**3TF53**	205	**3TF47**	63
3	110	189	109	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	290	12.5 X Ir	**3UA58 30-5D**	95 - 120	**3TF53**	205	**3TF50**	110
4	132	227	131.1	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	345	12.5 X Ir	**3UA62 30-5B**	115 - 180	**3TF54**	250	**3TF50**	110
5	160	271	156.5	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9340-6AC00**	400	400	12.5 X Ir	**3UA62 30-5B**	115 - 180	**3TF55**	300	**3TF50**	110
6	200	339	195.7	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	500	12.5 X Ir	**3UA62 30-5C**	160 - 250	**3TF57**	475	**3TF52**	170
7	250	398	229.8	50 / 65kA	**3VT3763-3AA36-0AA0 + 3VT9363-6AC00**	630	575	12.5 X Ir	**3UA62 30-5D**	160 - 250	**3TF57**	475	**3TF54**	250

Note: For ratings below 75kW, with SCPD 3RV MPCB, please refer to LV SGR - Motor Control Products Price list page no. 90 or consult nearest Siemens Office.
For Type 2 Co-ordination chart with SCPD 3VA MCCB, please refer to LV SGR - Motor Control Products Price list page no. 90 or consult nearest Siemens Office.

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3RT & 3RU)

Suitable for IE2 motors

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

Direct-on-line feeder, for Low LCC

SL Motor		SDF		Fuse		Contactor		Bi-Relay	
kW 415V, 3ph, 50/60 Hz	I_L Amps	Type	Amp	Type	Amps	Type	Rating Amps	Type	Set-Range Amp
0.37	1	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-0KB0	0.9 ... 1.25
0.55	1.3	3KL811	20	3NA78040RC	4	3RT2015	7	3RU2116-1AB0	1.1 ... 1.6
0.75	1.9	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1BB0	1.4 ... 2
1.1	2.6	3KL811	20	3NA78010RC	6	3RT2015	7	3RU2116-1DB0	2.2 ... 3.2
1.5	3.7	3KL811	20	3NA78030RC	10	3RT2015	7	3RU2116-1EB0	2.8 ... 4
2.2	4.8	3KL811	20	3NA78050RC	16	3RT2015	7	3RU2116-1GB0	4.5 ... 6.3
3.7	7.8	3KL811	20	3NA78070RC	20	3RT2023	9	3RU2126-1JB0	7...10
5.5	11.2	3KL812	32	3NA78100RC	25	3RT2024	12	3RU2126-1KB0	9 ... 12.5
7.5	16	3KL812	32	3NA78120RC	32	3RT2025	17	3RU2126-4AB0	11 ...16
11	20.8	3KL815	63	3NA78200RC	50	3RT2026	25	3RU2126-4DB0	20 ... 25
15	28	3KL815	63	3NA78220RC	63	3RT2027	32	3RU2126-4EB0	27 ... 32
18.5	34	3KL821	100	3NA78240RC	80	3RT2035	40	3RU2136-4FB0	28 ... 40
22	40	3KL821	100	3NA78240RC	80	3RT2036	50	3RU2136-4GB0	36 ... 45
30	53	3KL821	100	3NA78300RC	100	3RT2037	65	3RU2136-4QB0	47 ... 57
37	65	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4KB0	62 ... 73
45	78	3KL822	125	3NA78320RC	125	3RT2038	80	3RU2136-4RB0	70 ... 80
55	96	3KL823	160	3NA78360RC	160	3RT1054	115	3RU1146-4MB0	80 ... 100
75	132	3KL831	200	3NA71400RC	200	3RT1055	150	3RU2156-5DB10-8K	110 ... 160
90	160	3KL832	250	3NA71440RC	250	3RT1056	185	3RU2156-5EB10-8K	140 ... 200
110	195	3KL832	250	3NA71440RC	250	3RT1064	225	3RU2166-5FB10-8K	180 ... 250
132	230	3KL833	315	3NA72520RC	315	3RT1065	265	3RU2166-5FB10-8K	180 ... 250
160	280	3KL834	400	3NA72600RC	400	3RT1066	300	3RU2166-5GB10-8K	220 ... 320
200	350	3KL841	500	3NA33650RC	500	3RT1075	400	3RU2176-5HB10-8K	280 ... 400
250	430	3KL841	500	3NA33650RC	500	3RT1076	500	3RU2176-5JB10-8K	350 ... 500

Star-Delta feeder, for Low LCC

SL Motor			SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Timer
kW 415V, 3ph, 50/60 Hz	I_L Amps	IPh Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Rating Amps	Type	Set-Range Amp	Type
4	7.8	4.5	3KL811	20	3NA78030RC	10	3RT2023	9	3RT2023	9	3RU2126-1FB0	3.5 ... 5	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3RT2023	9	3RT2023	9	3RU2126-1HB0	5.5 ... 8	3RP15
7.5	16	9.2	3KL811	20	3NA78070RC	20	3RT2024	12	3RT2023	9	3RU2126-1JB0	7 ... 10	3RP15
11	20.8	12	3KL812	32	3NA78100RC	25	3RT2024	12	3RT2023	9	3RU2126-1KB0	9 ... 12.5	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3RT2026	25	3RT2025	17	3RU2126-4BB0	14 ... 20	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3RT2027	32	3RT2026	25	3RU2126-4CB0	17 ... 22	3RP15
22	40	23.2	3KL815	63	3NA78200RC	63	3RT2035	40	3RT2026	25	3RU2136-4DB0	18 ... 25	3RP15
30	53	30.6	3KL821	100	3NA78220RC	80	3RT2035	40	3RT2026	25	3RU2136-4EB0	22 ... 32	3RP15
37	65	37.5	3KL821	100	3NA78240RC	80	3RT2035	40	3RT2027	32	3RU2136-4FB0	28 ... 40	3RP15
45	78	45	3KL821	100	3NA78300RC	100	3RT2036	50	3RT2028	40	3RU2136-4HB0	40 ... 50	3RP15
55	96	55.4	3KL821	100	3NA78300RC	100	3RT2037	65	3RT2035	40	3RU2136-4JB0	54 ... 65	3RP15
75	131	75.6	3KL823	160	3NA78360RC	160	3RT2038	80	3RT2037	65	3RU2136-4RB0	70 ... 80	3RP15
90	156	90.1	3KL823	160	3NA78360RC	160	3RT1046	95	3RT1044	65	3RU1146-4MB0	80 ... 100	3RP15
110	195	113	3KL831	200	3NA71400RC	200	3RT1054	115	3RT1054	115	3RU2156-5CB10-8K	90 ... 125	3RP15
132	230	133	3KL832	250	3NA71440RC	250	3RT1055	150	3RT1054	115	3RU2156-5DB10-8K	110 ... 160	3RP15
160	280	162	3KL833	315	3NA72520RC	315	3RT1056	185	3RT1054	115	3RU2156-5EB10-8K	140 ... 200	3RP15
200	350	202	3KL834	400	3NA72600RC	400	3RT1064	225	3RT1056	185	3RU2166-5FB10-8K	180 ... 250	3RP15
250	430	248	3KL841	500	3NA33650RC	500	3RT1065	265	3RT1065	265	3RU2166-5GB10-8K	220 ... 320	3RP15

Fuse protected selection type 2, Iq = 50kA, IS/IEC:60947-4-1
(3KL with 3TF & 3UA)

Suitable for IE2 motors

- The selection is valid only for complete Siemens combinations i.e. SDF + DIN Fuse + Contactor + Birelay (+ timer).
- **In case this combination is changed to accommodate another brand/rating of SDF/DIN Fuse/Contactor/BMR, it shall be the responsibility of the person making such a change to assure type 2 performance.**
- Selection is for **normal starting** conditions with starting time ≤ 6 seconds. (For **heavy starting** applications e.g. ID/FD fans, reciprocating compressor, ball mills etc., please consult Siemens.)
- At 60°C service temperature the bi-relay has to be derated. The bi-relay can be used upto the maximum current setting indicated. For example - A bi-relay with setting 32-50A, at 60°C can be used only upto 47A. This however does not mean that at 60°C, the 50A setting corresponds to 47A. It means that, the bi-relay should not be set beyond 47A.
- **The electronic star-delta timer type 3RP should be used in star-delta feeders.**
- SDF: Switch Disconnector Fuse. **All fuses are DIN HRC type**.
- Tested Type 2 combinations
- Low LCC = Low Life Cycle Cost

Direct-on-line feeder, for Low LCC

SL Motor	Motor	SDF		HRC Fuse		Contactor		Bi-Relay		Bi-Relay	
kW 415V, 3ph, 50Hz	I_L Amp	Type	Rating	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp
0.37	1	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-0K	0.8 - 1.25	3UA5000-0K	0.8 - 1.17
0.55	1.3	3KL811	20	3NA78040RC	4	3TF30	9	3UA5000-1A	1 - 1.6	3UA5000-1A	1 - 1.5
0.75	1.9	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1B	1.25 - 2	3UA5000-1C	1.6 - 2.3
1.1	2.6	3KL811	20	3NA78010RC	6	3TF30	9	3UA5000-1D	2 - 3.2	3UA5000-1D	2 - 3
1.5	3.7	3KL811	20	3NA78030RC	10	3TF30	9	3UA5000-1E	2.5 - 4	3UA5000-1E	2.5 - 3.7
2.2	4.8	3KL811	20	3NA78050RC	16	3TF30	9	3UA5000-1F	3.2 - 5	3UA5000-1G	4 - 5.9
3.7	7.8	3KL811	20	3NA78070RC	20	3TF30	9	3UA5000-1H	5 - 8	3UA5000-1J	6.3 - 9.4
5.5	11.2	3KL812	32	3NA78100RC	25	3TF31	12	3UA5000-1K	8 - 12.5	3UA5000-1K	8 - 11.7
7.5	16	3KL812	32	3NA78120RC	32	3TF32	16	3UA5200-2A	10 - 16	3UA5200-2B	12.5 - 18.7
9.3	19	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2B	12.5 - 20	3UA5500-2C	16 - 23.4
11	20.8	3KL815	63	3NA78200RC	50	3TF34	32	3UA5500-2C	16 - 25	3UA5500-2C	16 - 23.4
15	28	3KL815	63	3NA78220RC	63	3TF34	32	3UA5500-2D	20 - 32	3UA5500-2D	20 - 30
18.5	34	3KL815	63	3NA78220RC	63	3TF35	38	3UA5500-2Q	25 - 36	3UA5500-2R	32 - 37.4
22	40	3KL821	100	3NA78240RC	80	3TF46	45	3UA5800-2FZ1	32 - 50	3UA5800-2FZ1	32 - 47
30	53	3KL821	100	3NA78300RC	100	3TF47	63	3UA5800-2TZ1	40 - 57	3UA5800-2PZ1	50 - 59
37	65	3KL822	125	3NA78320RC	125	3TF477	70	3UA5800-2VZ2	57 - 70	3UA5800-2VZ2	57 - 65.5
45	78	3KL822	125	3NA78320RC	125	3TF49	85	3UA5800-8YZ1	70 - 95	3UA5800-8YZ1	70 - 88.9
55	96	3KL823	160	3NA78360RC	160	3TF50	110	3UA5830-5C	85 - 105	3UA5830-5C	85 - 98.2
75	131	3KL831	200	3NA71400RC	200	3TF51	140	3UA6230-5A	85 - 135	3UA6230-5B	115 - 168
90	156	3KL832	250	3NA71440RC	250	3TF52	170	3UA6230-5B	115 - 180	3UA6230-5B	115 - 168
110	189	3KL832	250	3NA71440RC	250	3TF53	205	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
132	227	3KL833	315	3NA72520RC	315	3TF54	250	3UA6230-5C	160 - 250	3UA6230-5C	160 - 234
160	271	3KL834	400	3NA72600RC	400	3TF55	300	3UA6230-5D	200 - 320	3UA6230-5D	200 - 299
200	339	3KL841	500	3NA33650RC	500	3TF56	400	3UA6230-5E	250 - 400	3UA6230-5E	250 - 374
250	398	3KL841	500	3NA33650RC	500	3TF57	475	3UA6830-5F	320 - 500	3UA6830-5F	320 - 468

Star-Delta feeder, for Low LCC

SL Motor	Motor		SDF		HRC Fuses		Contactor Line/Delta		Contactor Star		Bi-Relay		Bi-Relay		Timer
kW 415V, 3ph, 50Hz	I_L Amp.	Iph Amp	Type	Rating	Type	Amp	Type	Amp	Type	Amp	Type (50°C)	Set-Range Amp	Type (60°C)	Available Set-Range Amp	Type
3.7	7.8	4.5	3KL811	20	3NA78030RC	10	3TF30	9	3TF30	9	3UA5000-1F	3.2-5	3UA5000-1F	3.2-4.7	3RP15
5.5	11.2	6.5	3KL811	20	3NA78050RC	16	3TF30	9	3TF30	9	3UA5000-1H	5-8	3UA5000-1H	5-7.5	3RP15
7.5	16	9.2	3KL811	20	3NA78070RC	20	3TF31	12	3TF30	9	3UA5000-1J	6.3-10	3UA5000-1J	6.3-9.4	3RP15
9.3	19	11	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-1K	8-11.7	3RP15
11	20.8	12	3KL812	32	3NA78100RC	25	3TF31	12	3TF30	9	3UA5000-1K	8-12.5	3UA5000-2S	10-13.6	3RP15
15	28	16.2	3KL812	32	3NA78120RC	32	3TF33	22	3TF32	16	3UA5200-2B	12.5-20	3UA5200-2B	12.5-18.7	3RP15
18.5	34	19.7	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2B	12.5-20	3UA5500-2C	16-23.4	3RP15
22	40	23.2	3KL815	63	3NA78200RC	50	3TF34	32	3TF34	32	3UA5500-2C	16-25	3UA5500-2D	22-30	3RP15
30	53	30.6	3KL815	63	3NA78220RC	63	3TF34	32	3TF34	32	3UA5500-2D	20-32	3UA5500-2Q	25-33.7	3RP15
37	65	37.5	3KL821	100	3NA78240RC	80	3TF35	38	3TF34	32	3UA5500-2R	32-40	3UA5500-8M	36-45	3RP15
45	78	45	3KL821	100	3NA78300RC	100	3TF46	45	3TF34	32	3UA5800-2FZ1	32-50	3UA5800-2FZ1	32-47	3RP15
55	96	55.4	3KL821	100	3NA78300RC	100	3TF47	63	3TF34	32	3UA5800-2TZ1	40-57	3UA5800-2PZ1	50-59	3RP15
75	131	75.6	3KL823	160	3NA78360RC	160	3TF49	85	3TF47	63	3UA5800-8YZ1	70-95	3UA5800-8YZ1	70-88.9	3RP15
90	156	90.1	3KL823	160	3NA78360RC	160	3TF50	110	3TF47	63	3UA5830-5B	70-95	3UA5830-5C	85-98.2	3RP15
110	189	109	3KL831	200	3NA71400RC	200	3TF50	110	3TF50	110	3UA5830-5D	95-120	3UA5830-5D	95-112	3RP15
132	227	131.1	3KL832	250	3NA71440RC	250	3TF51	140	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
160	271	156.5	3KL833	315	3NA72520RC	315	3TF52	170	3TF50	110	3UA6230-5B	115-180	3UA6230-5B	115-168	3RP15
200	339	195.7	3KL834	400	3NA72600RC	400	3TF54	250	3TF52	170	3UA6230-5C	160-250	3UA6230-5C	160-234	3RP15
250	398	229.8	3KL841	500	3NA72600RC	400	3TF54	250	3TF54	250	3UA6230-5C	160-250	3UA6230-5D	200-299	3RP15

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Frame	Description	Current Type Nos.	New Type Nos.
3VT1	Spreader Links - 4pole	**3VT91004ED48**	**3VT9100-4ED40-0RC0**
3VT2	Spreader Links - 3pole	**3VT92004EG30**	**3VT9200-4ED30-0RC0**
	Spreader Links - 4pole	**3VT92004ED48**	**3VT9200-4ED40-0RC0**
3VT3	Spreader Links - 3pole	**3VT93004EG30**	**3VT9300-4ED30-0RC0**
	Spreader Links - 4pole	**3VT93004ED48**	**3VT9300-4ED40-0RC0**

Fuse bases (DIN)

Size	Rated current (A)	Suitable for fuse link type	Current Type Nos.	Successor Type Nos.
00	160	3NA7 8	**3NH3030**	**3NH3030-0RC**
00	160	3NA7 8	**3NH3032**	**3NH3032-0RC**
1	250	3NA7 1	**3NH3230**	**3NH3230-0RC**
2	400	3NA7 2	**3NH3330**	**3NH3330-0RC**
3	630	3NA3 3	**3NH3430**	**3NH3430-0RC**

Note - This is only a change in the Type nos. All the technical and dimension details are same.

3KC Automatic Transfer Controller

Description	Type	Unit LP* ₹
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* LP - List Price

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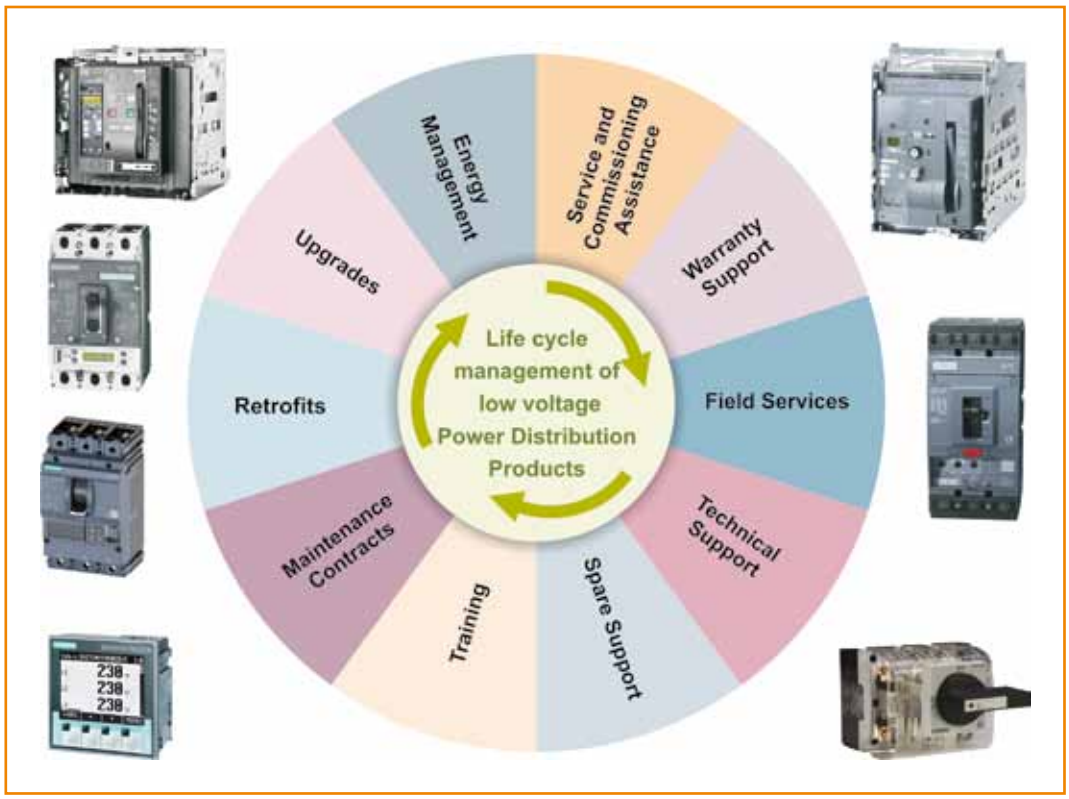

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