

MCCB: SENTRON 3VA

- Rated current: 16A to 1250A
- 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	9575.-	3VA1096-2ED42-0AA0	12415.-
		20	3VA1020-2ED32-0AA0	9575.-	3VA1020-2ED42-0AA0	12415.-
		25	3VA1025-2ED32-0AA0	9575.-	3VA1025-2ED42-0AA0	12415.-
		32	3VA1032-2ED32-0AA0	9575.-	3VA1032-2ED42-0AA0	12415.-
		40	3VA1040-2ED32-0AA0	9575.-	3VA1040-2ED42-0AA0	12415.-
		50	3VA1050-2ED32-0AA0	9575.-	3VA1050-2ED42-0AA0	12415.-
		63	3VA1063-2ED32-0AA0	9575.-	3VA1063-2ED42-0AA0	12415.-
		80	3VA1080-2ED32-0AA0	10475.-	3VA1080-2ED42-0AA0	13605.-
		100	3VA1010-2ED32-0AA0	12125.-	3VA1010-2ED42-0AA0	15790.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	9835.-	3VA1096-3ED42-0AA0	12830.-
		20	3VA1020-3ED32-0AA0	9835.-	3VA1020-3ED42-0AA0	12830.-
		25	3VA1025-3ED32-0AA0	9835.-	3VA1025-3ED42-0AA0	12830.-
		32	3VA1032-3ED32-0AA0	9835.-	3VA1032-3ED42-0AA0	12830.-
		40	3VA1040-3ED32-0AA0	9835.-	3VA1040-3ED42-0AA0	12830.-
		50	3VA1050-3ED32-0AA0	9835.-	3VA1050-3ED42-0AA0	12830.-
		63	3VA1063-3ED32-0AA0	9835.-	3VA1063-3ED42-0AA0	12830.-
		80	3VA1080-3ED32-0AA0	10695.-	3VA1080-3ED42-0AA0	13920.-
		100	3VA1010-3ED32-0AA0	12610.-	3VA1010-3ED42-0AA0	16115.-
3VA11	25kA	125	3VA1112-3ED32-0AA0	21260.-	3VA1112-3ED42-0AA0	27090.-
		160	3VA1116-3ED32-0AA0	24275.-	3VA1116-3ED42-0AA0	31590.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	10380.-	3VA1196-4GD42-0AA0	14365.-
		20	3VA1020-4ED32-0AA0	10380.-	3VA1120-4GD42-0AA0	14365.-
		25	3VA1025-4ED32-0AA0	10380.-	3VA1125-4GD42-0AA0	14365.-
		32	3VA1032-4ED32-0AA0	10380.-	3VA1132-4GD42-0AA0	14365.-
		40	3VA1040-4ED32-0AA0	10380.-	3VA1140-4GD42-0AA0	14365.-
		50	3VA1050-4ED32-0AA0	10380.-	3VA1150-4GD42-0AA0	14365.-
		63	3VA1063-4ED32-0AA0	10380.-	3VA1163-4GD42-0AA0	14365.-
		80	3VA1080-4ED32-0AA0	10890.-	3VA1180-4GD42-0AA0	15750.-
		100	3VA1010-4ED32-0AA0	13115.-	3VA1110-4GD42-0AA0	18195.-
3VA11	36kA	125	3VA1112-4ED32-0AA0	22655.-	3VA1112-4GD42-0AA0	29450.-
		160	3VA1116-4ED32-0AA0	26415.-	3VA1116-4GD42-0AA0	34345.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	12165.-	3VA1196-5GD42-0AA0	15790.-
		20	3VA1120-5ED32-0AA0	12165.-	3VA1120-5GD42-0AA0	15790.-
		25	3VA1125-5ED32-0AA0	12165.-	3VA1125-5GD42-0AA0	15790.-
		32	3VA1132-5ED32-0AA0	12165.-	3VA1132-5GD42-0AA0	15790.-
		40	3VA1140-5ED32-0AA0	12165.-	3VA1140-5GD42-0AA0	15790.-
		50	3VA1150-5ED32-0AA0	12165.-	3VA1150-5GD42-0AA0	15790.-
		63	3VA1163-5ED32-0AA0	12400.-	3VA1163-5GD42-0AA0	15790.-
		80	3VA1180-5ED32-0AA0	13345.-	3VA1180-5GD42-0AA0	17340.-
		100	3VA1110-5ED32-0AA0	15450.-	3VA1110-5GD42-0AA0	20040.-
		125	3VA1112-5ED32-0AA0	24895.-	3VA1112-5GD42-0AA0	32355.-
		160	3VA1116-5ED32-0AA0	29030.-	3VA1116-5GD42-0AA0	37775.-

[^] 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	12485.-	3VA1196-3GE42-0AA0	17880.-	
		20	3VA1120-3EE32-0AA0	12485.-	3VA1120-3GE42-0AA0	17880.-	
		25	3VA1125-3EE32-0AA0	12485.-	3VA1125-3GE42-0AA0	17880.-	
		32	3VA1132-3EE32-0AA0	12485.-	3VA1132-3GE42-0AA0	17880.-	
		40	3VA1140-3EE32-0AA0	12485.-	3VA1140-3GE42-0AA0	17880.-	
		50	3VA1150-3EE32-0AA0	12485.-	3VA1150-3GE42-0AA0	17880.-	
		63	3VA1163-3EE32-0AA0	12485.-	3VA1163-3GE42-0AA0	17880.-	
		80	3VA1180-3EE32-0AA0	12485.-	3VA1180-3GE42-0AA0	17880.-	
		100	3VA1110-3EE32-0AA0	13345.-	3VA1110-3GE42-0AA0	17880.-	
		125	3VA1112-3EE32-0AA0	22655.-	3VA1112-3GE42-0AA0	27895.-	
		160	3VA1116-3EE32-0AA0	24990.-	3VA1116-3GE42-0AA0	32405.-	
3VA11	36kA	16	3VA1196-4EE32-0AA0	15415.-	3VA1196-4GE42-0AA0	20175.-	
		20	3VA1120-4EE32-0AA0	15415.-	3VA1120-4GE42-0AA0	20175.-	
		25	3VA1125-4EE32-0AA0	15415.-	3VA1125-4GE42-0AA0	20175.-	
		32	3VA1132-4EE32-0AA0	15415.-	3VA1132-4GE42-0AA0	20175.-	
		40	3VA1140-4EE32-0AA0	15415.-	3VA1140-4GE42-0AA0	20175.-	
		50	3VA1150-4EE32-0AA0	15415.-	3VA1150-4GE42-0AA0	20175.-	
		63	3VA1163-4EE32-0AA0	15415.-	3VA1163-4GE42-0AA0	20175.-	
		80	3VA1180-4EE32-0AA0	15415.-	3VA1180-4GE42-0AA0	20175.-	
		100	3VA1110-4EE32-0AA0	15415.-	3VA1110-4GE42-0AA0	20175.-	
		125	3VA1112-4EE32-0AA0	23720.-	3VA1112-4GE42-0AA0	30220.-	
		160	3VA1116-4EE32-0AA0	27145.-	3VA1116-4GE42-0AA0	35230.-	
3VA12	36kA	200	3VA1220-4EE32-0AA0	34245.-	3VA1220-4GE42-0AA0	42195.-	
3VA13		250	3VA1225-4EE32-0AA0	36305.-	3VA1225-4GE42-0AA0	45580.-	
		320	3VA1332-4EE32-0AA0	48680.-	3VA1332-4GE42-0AA0	63025.-	
3VA14		400	3VA1340-4EE32-0AA0	48680.-	3VA1340-4GE42-0AA0	63025.-	
		500	3VA1450-4EE32-0AA0	62830.-	3VA1450-4GE42-0AA0	81395.-	
3VA11	55kA	630	3VA1463-4EE32-0AA0	62830.-	3VA1463-4GE42-0AA0	81395.-	
		16	3VA1196-5EE32-0AA0	17565.-	3VA1196-5GE42-0AA0	22200.-	
		20	3VA1120-5EE32-0AA0	17565.-	3VA1120-5GE42-0AA0	22200.-	
		25	3VA1125-5EE32-0AA0	17565.-	3VA1125-5GE42-0AA0	22200.-	
		32	3VA1132-5EE32-0AA0	17565.-	3VA1132-5GE42-0AA0	22200.-	
		40	3VA1140-5EE32-0AA0	17565.-	3VA1140-5GE42-0AA0	22200.-	
		50	3VA1150-5EE32-0AA0	17565.-	3VA1150-5GE42-0AA0	22200.-	
		63	3VA1163-5EE32-0AA0	17565.-	3VA1163-5GE42-0AA0	22200.-	
		80	3VA1180-5EE32-0AA0	17565.-	3VA1180-5GE42-0AA0	22200.-	
		100	3VA1110-5EE32-0AA0	17565.-	3VA1110-5GE42-0AA0	22200.-	
		125	3VA1112-5EE32-0AA0	27585.-	3VA1112-5GE42-0AA0	33130.-	
3VA12		160	3VA1116-5EE32-0AA0	29840.-	3VA1116-5GE42-0AA0	38515.-	
		200	3VA1220-5EE32-0AA0	35660.-	3VA1220-5GE42-0AA0	43555.-	
3VA13		250	3VA1225-5EE32-0AA0	37810.-	3VA1225-5GE42-0AA0	47900.-	
		320	3VA1332-5EE32-0AA0	55510.-	3VA1332-5GE42-0AA0	69540.-	
3VA14		400	3VA1340-5EE32-0AA0	55510.-	3VA1340-5GE42-0AA0	69540.-	
		500	3VA1450-5EE32-0AA0	71795.-	3VA1450-5GE42-0AA0	89690.-	
3VA15		630	3VA1463-5EE32-0AA0	71795.-	3VA1463-5GE42-0AA0	89690.-	
		800 [‡]	3VA1580-5EF32-0AA0	107265.-	3VA1580-5GF42-0AA0	139005.-	
3VA15		1000 [‡]	3VA1510-5EF32-0AA0	149850.-	3VA1510-5GF42-0AA0	194450.-	
3VA11	70kA	16	3VA1196-6EE32-0AA0	24030.-	3VA1196-6GE42-0AA0	30210.-	
		20	3VA1120-6EE32-0AA0	24030.-	3VA1120-6GE42-0AA0	30210.-	
		25	3VA1125-6EE32-0AA0	24030.-	3VA1125-6GE42-0AA0	30210.-	
		32	3VA1132-6EE32-0AA0	24030.-	3VA1132-6GE42-0AA0	30210.-	
		40	3VA1140-6EE32-0AA0	24030.-	3VA1140-6GE42-0AA0	30210.-	
		50	3VA1150-6EE32-0AA0	24030.-	3VA1150-6GE42-0AA0	30210.-	
		63	3VA1163-6EE32-0AA0	24030.-	3VA1163-6GE42-0AA0	30210.-	
		80	3VA1180-6EE32-0AA0	24030.-	3VA1180-6GE42-0AA0	30210.-	
		100	3VA1110-6EE32-0AA0	24030.-	3VA1110-6GE42-0AA0	30210.-	
		125	3VA1112-6EE32-0AA0	44680.-	3VA1112-6GE42-0AA0	47915.-	
		160	3VA1116-6EE32-0AA0	44680.-	3VA1116-6GE42-0AA0	47915.-	
3VA12		200	3VA1220-6EE32-0AA0	48090.-	3VA1220-6GE42-0AA0	61880.-	
		250	3VA1225-6EE32-0AA0	53895.-	3VA1225-6GE42-0AA0	61880.-	
3VA13		320	3VA1332-6EE32-0AA0	60845.-	3VA1332-6GE42-0AA0	78660.-	
		400	3VA1340-6EE32-0AA0	60845.-	3VA1340-6GE42-0AA0	78660.-	
3VA14		500	3VA1450-6EE32-0AA0	86490.-	3VA1450-6GE42-0AA0	112135.-	
		630	3VA1463-6EE32-0AA0	86490.-	3VA1463-6GE42-0AA0	112135.-	
3VA15		800 [‡]	3VA1580-6EF32-0AA0	118120.-	3VA1580-6GF42-0AA0	153070.-	
		1000 [‡]	3VA1510-6EF32-0AA0	164715.-	3VA1510-6GF42-0AA0	214125.-	

Std. Pkg. = 1 unit

- Adjustable Thermal, Adjustable Magnetic

* LP - List Price

SENTRON 3VA MCCB, Thermal Magnetic Trip Unit, Adj. Thermal Adj. Magnetic (ATAM), 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* ₹
3VA12	36kA	250	3VA1225-4EF32-0AA0	Price on Request	3VA1225-4GF42-0AA0	Price on Request
3VA13		320	3VA1332-4EF32-0AA0		3VA1332-4GF42-0AA0	
		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
3VA14		500	3VA1450-4EF32-0AA0		3VA1450-4GF42-0AA0	
		630	3VA1463-4EF32-0AA0		3VA1463-4GF42-0AA0	
3VA12	55kA	250	3VA1225-5EF32-0AA0		3VA1225-5GF42-0AA0	
3VA13		320	3VA1332-5EF32-0AA0		3VA1332-5GF42-0AA0	
		400	3VA1340-5EF32-0AA0		3VA1340-5GF42-0AA0	
3VA14		500	3VA1450-5EF32-0AA0		3VA1450-5GF42-0AA0	
		630	3VA1463-5EF32-0AA0		3VA1463-5GF42-0AA0	
3VA12	70kA	250	3VA1225-6EF32-0AA0		3VA1225-6GF42-0AA0	
3VA13		320	3VA1332-6EF32-0AA0		3VA1332-6GF42-0AA0	
		400	3VA1340-6EF32-0AA0		3VA1340-6GF42-0AA0	
3VA14		500	3VA1450-6EF32-0AA0		3VA1450-6GF42-0AA0	
		630	3VA1463-6EF32-0AA0		3VA1463-6GF42-0AA0	

For lower ratings, kindly contact nearest Sales office

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

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)		Breaking Capacity (70kA, 415V, 50Hz)	
		Type	Unit LP* ₹	Type	Unit LP* ₹
3VA11	1	3VA1181-5MG32-0AA0*	16150.-	3VA1181-6MG32-0AA0*	19835.-
	2	3VA1102-5MG32-0AA0*	16150.-	3VA1102-6MG32-0AA0*	19835.-
	4	3VA1104-5MG32-0AA0*	16150.-	3VA1104-6MG32-0AA0*	19835.-
	8	3VA1108-5MG32-0AA0*	16150.-	3VA1108-6MG32-0AA0*	19835.-
	12.5	3VA1192-5MG32-0AA0*	16150.-	3VA1192-6MG32-0AA0*	19835.-
	20	3VA1120-5MH32-0AA0	16150.-	3VA1120-6MH32-0AA0	19835.-
	32	3VA1132-5MH32-0AA0	19295.-	3VA1132-6MH32-0AA0	20790.-
	40	3VA1140-5MH32-0AA0	19295.-	3VA1140-6MH32-0AA0	20790.-
	50	3VA1150-5MH32-0AA0	19295.-	3VA1150-6MH32-0AA0	20790.-
	63	3VA1163-5MH32-0AA0	19295.-	3VA1163-6MH32-0AA0	20790.-
	80	3VA1180-5MH32-0AA0	19295.-	3VA1180-6MH32-0AA0	20790.-
	100	3VA1110-5MH32-0AA0	19295.-	3VA1110-6MH32-0AA0	20790.-
3VA12	125	3VA1112-5MH32-0AA0	27675.-	3VA1112-6MH32-0AA0	29915.-
	160	3VA1216-5MH32-0AA0	29040.-	3VA1216-6MH32-0AA0	41385.-
3VA13	200	3VA1220-5MH32-0AA0	39940.-	3VA1220-6MH32-0AA0	49015.-
	250	3VA1325-5MH32-0AA0	43580.-	3VA1325-6MH32-0AA0	49605.-
3VA14	320	3VA1332-5MH32-0AA0	59805.-	3VA1332-6MH32-0AA0	68150.-
	400	3VA1440-5MH32-0AA0	68460.-	3VA1440-6MH32-0AA0	71525.-
3VA15	500	3VA1450-5MH32-0AA0	78810.-	3VA1450-6MH32-0AA0	89475.-
	630	3VA1563-5MH32-0AA0	90855.-	3VA1563-6MH32-0AA0	98975.-
3VA15	800	3VA1580-5MH32-0AA0	120680.-	3VA1580-6MH32-0AA0	132885.-

Std. Pkg. = 1 unit

* LP - List Price

& Fixed magnetic trip unit

SETRON 3VA MCCB, Switch Disconnecter (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	13555.-	3VA1163-1AA42-0AA0	20030.-
		100	3VA1110-1AA32-0AA0	13555.-	3VA1110-1AA42-0AA0	20030.-
		125	3VA1112-1AA32-0AA0	27730.-	3VA1112-1AA42-0AA0	36970.-
		160	3VA1116-1AA32-0AA0	27730.-	3VA1116-1AA42-0AA0	36970.-
3VA12	NA	250	3VA1225-1AA32-0AA0	27730.-	3VA1225-1AA42-0AA0	36970.-
3VA13	NA	400	3VA1340-1AA32-0AA0	35770.-	3VA1340-1AA42-0AA0	46505.-

NA - Not Applicable

Earth fault and Earth leakage protection for SETRON 3VA moulded case circuit breaker

Earth fault monitoring relay

Description	Type	Unit LP* ₹
Earth fault monitoring relay	7UG0861-1BU20	5375.-
CBCT for EFR: 160 frame	3P	7UG09910
Suitable for 3VA1 up to 160A	4P	7UG09911
CBCT for EFR: 250 frame	3P	7UG09912
Suitable for 3VA1 250A, 3VA2 up to 250A	4P	7UG09913
CBCT for EFR: 630 frame	3P	7UG09914
Suitable for 3VA2 400A/ 630A	4P	7UG09915



Earth leakage monitoring relay

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



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



MCCB
with O/L & S/C protection

+



Shunt release

+



Ext. Earth fault / Ext. Earth
Leakage Relay & CBCT

=



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

Condition monitoring with the 3VA moulded case circuit breaker. **As simple as that.**

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Thanks to optimally scheduled maintenance times, you can prevent equipment and plant failures due to uncoordinated maintenance of individual devices and optimize the health of your entire plant.



Predictive maintenance



Improved organization of personnel
and material costs



Optimized energy availability



Reduced time and costs for
maintenance



When time savings go hand in hand with
optimized plant reliability



With condition monitoring directly on the 3VA and remotely on the end device, you get reliable information about the health of your system and the remaining service life of your circuit breaker.



SENTRON 3VA - Flying on the wings of technology

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	28875.-	3VA2025-4HL42-0AA0	37225.-
		40	3VA2040-4HL32-0AA0	28875.-	3VA2040-4HL42-0AA0	37225.-
		63	3VA2063-4HL32-0AA0	28875.-	3VA2063-4HL42-0AA0	37225.-
		100	3VA2010-4HL32-0AA0	28875.-	3VA2010-4HL42-0AA0	37225.-
		160	3VA2116-4HL32-0AA0	39035.-	3VA2116-4HL42-0AA0	54480.-
		250	3VA2225-4HL32-0AA0	53570.-	3VA2225-4HL42-0AA0	72640.-
		400	3VA2340-4HL32-0AA0	71575.-	3VA2340-4HL42-0AA0	94210.-
3VA21	55kA	630	3VA2463-4HL32-0AA0	74415.-	3VA2463-4HL42-0AA0	98605.-
3VA22		25	3VA2025-5HL32-0AA0	36720.-	3VA2025-5HL42-0AA0	50300.-
3VA23		40	3VA2040-5HL32-0AA0	36720.-	3VA2040-5HL42-0AA0	50300.-
3VA24		63	3VA2063-5HL32-0AA0	36720.-	3VA2063-5HL42-0AA0	50300.-
		100	3VA2010-5HL32-0AA0	36720.-	3VA2010-5HL42-0AA0	50300.-
		160	3VA2116-5HL32-0AA0	46540.-	3VA2116-5HL42-0AA0	60270.-
		250	3VA2225-5HL32-0AA0	60810.-	3VA2225-5HL42-0AA0	80285.-
3VA25	85kA	400	3VA2340-5HL32-0AA0	77175.-	3VA2340-5HL42-0AA0	101140.-
		630	3VA2463-5HL32-0AA0	94800.-	3VA2463-5HL42-0AA0	105870.-
		800	3VA2580-5HL32-0AA0	138615.-	3VA2580-5HL42-0AA0	177320.-
		1000	3VA2510-5HL32-0AA0	183675.-	3VA2510-5HL42-0AA0	245210.-
3VA26 NEW		1250	3VA2612-5HL32-0AA0	260410.-	3VA2612-5HL42-0AA0	347730.-
		25	3VA2025-6HL32-0AA0	48000.-	3VA2025-6HL42-0AA0	59470.-
		40	3VA2040-6HL32-0AA0	48000.-	3VA2040-6HL42-0AA0	59470.-
3VA20	85kA	63	3VA2063-6HL32-0AA0	48000.-	3VA2063-6HL42-0AA0	59470.-
3VA21		100	3VA2010-6HL32-0AA0	48000.-	3VA2010-6HL42-0AA0	59470.-
3VA22		160	3VA2116-6HL32-0AA0	62940.-	3VA2116-6HL42-0AA0	80350.-
3VA23		250	3VA2225-6HL32-0AA0	69900.-	3VA2225-6HL42-0AA0	101800.-
3VA24		400	3VA2340-6HL32-0AA0	87720.-	3VA2340-6HL42-0AA0	115185.-
		630	3VA2463-6HL32-0AA0	104790.-	3VA2463-6HL42-0AA0	139825.-
		800	3VA2580-6HL32-0AA0	152400.-	3VA2580-6HL42-0AA0	202720.-
3VA25	85kA	1000	3VA2510-6HL32-0AA0	210050.-	3VA2510-6HL42-0AA0	280385.-
3VA26 NEW		1250	3VA2612-6HL32-0AA0	297610.-	3VA2612-6HL42-0AA0	398365.-

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	39770.-	3VA2025-4HM42-0AA0	49025.-
		40	3VA2040-4HM32-0AA0	39770.-	3VA2040-4HM42-0AA0	49025.-
		63	3VA2063-4HM32-0AA0	39770.-	3VA2063-4HM42-0AA0	49025.-
		100	3VA2010-4HM32-0AA0	39770.-	3VA2010-4HM42-0AA0	49025.-
		160	3VA2116-4HM32-0AA0	50300.-	3VA2116-4HM42-0AA0	62645.-
		250	3VA2225-4HM32-0AA0	63565.-	3VA2225-4HM42-0AA0	79900.-
		400	3VA2340-4HM32-0AA0	85490.-	3VA2340-4HM42-0AA0	107835.-
3VA21	55kA	630	3VA2463-4HM32-0AA0	94045.-	3VA2463-4HM42-0AA0	118600.-
3VA22		25	3VA2025-5HM32-0AA0	45330.-	3VA2025-5HM42-0AA0	51940.-
3VA23		40	3VA2040-5HM32-0AA0	45330.-	3VA2040-5HM42-0AA0	51940.-
3VA24		63	3VA2063-5HM32-0AA0	45330.-	3VA2063-5HM42-0AA0	51940.-
		100	3VA2010-5HM32-0AA0	46265.-	3VA2010-5HM42-0AA0	54290.-
		160	3VA2116-5HM32-0AA0	62330.-	3VA2116-5HM42-0AA0	74795.-
		250	3VA2225-5HM32-0AA0	76015.-	3VA2225-5HM42-0AA0	94865.-
3VA25	85kA	400	3VA2340-5HM32-0AA0	91785.-	3VA2340-5HM42-0AA0	115775.-
		630	3VA2463-5HM32-0AA0	100980.-	3VA2463-5HM42-0AA0	127335.-
		800	3VA2580-5HM32-0AA0	146540.-	3VA2580-5HM42-0AA0	190510.-
		1000	3VA2510-5HM32-0AA0	196860.-	3VA2510-5HM42-0AA0	258405.-
3VA26 NEW		1250	3VA2612-5HM32-0AA0	275395.-	3VA2612-5HM42-0AA0	363750.-
		25	3VA2025-6HM32-0AA0	56600.-	3VA2025-6HM42-0AA0	68835.-
		40	3VA2040-6HM32-0AA0	56600.-	3VA2040-6HM42-0AA0	68835.-
3VA20	85kA	63	3VA2063-6HM32-0AA0	56600.-	3VA2063-6HM42-0AA0	68835.-
3VA21		100	3VA2010-6HM32-0AA0	56600.-	3VA2010-6HM42-0AA0	68835.-
3VA22		160	3VA2116-6HM32-0AA0	72110.-	3VA2116-6HM42-0AA0	90515.-
3VA23		250	3VA2225-6HM32-0AA0	84455.-	3VA2225-6HM42-0AA0	118490.-
3VA24		400	3VA2340-6HM32-0AA0	102330.-	3VA2340-6HM42-0AA0	129795.-
		630	3VA2463-6HM32-0AA0	112560.-	3VA2463-6HM42-0AA0	142790.-
		800	3VA2580-6HM32-0AA0	165110.-	3VA2580-6HM42-0AA0	215910.-
3VA25	85kA	1000	3VA2510-6HM32-0AA0	222750.-	3VA2510-6HM42-0AA0	293570.-
3VA26 NEW		1250	3VA2612-6HM32-0AA0	313110.-	3VA2612-6HM42-0AA0	414380.-

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VA - Accessories

Frame	3VA1 100A/ 160A/ 250A/ 400A/ 630A/ 800A/ 1000A	Unit LP* ₹	3VA2 100A / 160A / 250A 3VA2 400A/630A/800A/1000A/1250A	Unit LP* ₹
Accessory	Type		Type	
Auxiliary switch (AUX)	3VA99880AA12 (1 C/O)	2190.-	3VA99880AA12 (1 C/O)	2190.-
Alarm switch (TAS)	3VA99880AB12 (1 C/O)	3380.-	3VA99880AB12 (1 C/O)	3380.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA99880AB32 (for 3VA10/ 11 100A/ 160A) 3VA99880AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	1805.- 1805.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA99880AB22	1805.-
Under voltage release (UVR)				
120-127 V AC 50/60 Hz	3VA99080BB24	5175.-	3VA99080BB24	5175.-
208-230 V AC 50/60 Hz	3VA99080BB25	5175.-	3VA99080BB25	5175.-
380-400 V AC 50/60 Hz	3VA99080BB26	5175.-	3VA99080BB26	5175.-
Shunt release flexible (STF)				
110-127 V AC 50/60 Hz	3VA99880BA22	3900.-	3VA99880BA22	3900.-
208-277 V AC 50/60 Hz	3VA99880BA23	3900.-	3VA99880BA23	3900.-
380-500 V AC 50/60 Hz	3VA99880BA24	3900.-	3VA99880BA24	3900.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz	3VA99880BL32	3900.-	3VA99880BL32	3900.-
208-277 V AC 50/60 Hz	3VA99880BL33	3900.-	3VA99880BL33	3900.-
380-500 V AC 50/60 Hz	3VA99880BL20	3900.-	3VA99880BL20	3900.-
Extended Door Mounted Rotary Operator (including 8UC handle)	3VA9157-0FK51 (for 3VA10/ 11 100A/160A) 3VA9257-0FK51 (for 3VA12 250A) 3VA9467-0FK51 (for 3VA13/ 14 400A/ 630A)	2805.- 2950.- 4625.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A) -	2950.- 4625.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	11185.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	11185.-
Illuminated - Door mounted rotary operator 24V DC	3VA9157-0FK23 (for 3VA10/ 11 100A/160A) 3VA9257-0FK23 (for 3VA12 250A) 3VA9467-0FK23 (for 3VA13/ 14 400A/ 630A) 3VA9687-0FK23 (for 3VA15 800A/1000A)	6675.- 7340.- 9330.- 13260.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	7340.- 9330.- 13260.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. (for 3VA10/ 11/ 12/ 13/ 14)	5590.-	8UC60701YQ.. (for 3VA20/ 21/ 22/ 23/ 24)	5590.-
Sliding Bar Interlock (for same size breakers with Toggle Lever)	3VA91580VF30 (for 3VA10/ 11 100A/160A) 3VA92580VF30 (for 3VA12 250A) 3VA93680VF30 (for 3VA13/ 14 400A/ 630A)	6675.- 6930.- 7825.-	3VA91680VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA93680VF30 (for 3VA23/ 24 400A/ 630A)	7340.- 7825.-
Locking device for breaker with Toggle lever	3VA90880LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A) 3VA93880LB10 (for 3VA13/ 14 400A/ 630A) 3VA95880LB10 (3VA15 800/ 1000A)	2040.- 2685.- 5795.-	3VA93880LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA95880LB10 (3VA25/26 800/ 1000/ 1250A)	2685.- 5795.-
Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC	3VA91570HA20 (for 3VA11 160A) 3VA92570HA20 (for 3VA12 250A) 3VA94670HA20 (for 3VA13/ 14 400A/ 630A)	22410.- 29235.- 34625.-	3VA92670HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA94670HA20 (for 3VA23/ 24 400A/ 630A)	29325.- 34625.-
Spreader links - Broadened (with phase barriers)	3VA91530QC50 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA91540QC50 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA92530QC50 (for 3pole, 3VA12 250A) 3VA92540QC50 (for 4pole, 3VA12 250A) 3VA94830QC50 (for 3pole 3VA13/ 14 400A/ 630A) 3VA94840QC50 (for 4pole 3VA13/ 14 400A/ 630A)	1155.- 1480.- 1445.- 1920.- 1940.- 2510.-	3VA92630QC50 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA92640QC50 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA94830QC50 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA94840QC50 (for 4pole, 3VA23/ 24 400A/ 630A)	1560.- 2040.- 1940.- 2510.-
Busbar extensions (with phase barriers)	3VA96030QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA96040QB00 (for 4pole, 3VA15 800A/ 1000A)	6150.- 8215.-	3VA96030QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA96040QB00 (for 4pole, 3VA25 800A/ 1000A)	6150.- 8215.-
Rear Terminals - Flat (1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole))	3VA91130QE00 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA91140QE00 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA92130QE00 (for 3pole, 3VA12 250A) 3VA92140QE00 (for 4pole, 3VA12 250A) 3VA94030QE00 (for 3pole, 3VA13/ 14 400A/ 630A) 3VA94040QE00 (for 4pole, 3VA13/ 14 400A/ 630A)	2290.- 3095.- 2925.- 3920.- 4750.- 6335.-	3VA92030QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA92040QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA94030QE00 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA94040QE00 (for 4pole, 3VA23/ 24 400A/ 630A)	2925.- 3920.- 4750.- 6335.-
Phase Barriers (1 set = 2 phase barriers)	3VA91520WA00 (for 3VA10/ 11 100A/ 160A) 3VA92520WA00 (for 3VA12 250A) 3VA94820WA00 (for 3VA13/ 14 400A/ 630A) 3VA96020WA00 (for 3VA15 800A/ 1000A)	435.- 435.- 1025.- 1030.-	3VA92620WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA94820WA00 (for 3VA23/ 24 400A/ 630A) 3VA96020WA00 (for 3VA25/26 800A/1000A/1250A)	435.- 1025.- 1030.-
3VA Adapter for mounting on 8US 60mm busbar system	8US1213-4AU01 (for 3pole, 3VA10/ 11) 8US1213-4AP03 (for 3-pole, 3VA12) 8US1213-4AH04 (for 3pole, 3VA13/ 14)	Price on request	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	Price on request

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/1250A, extended rotary operator imported version (with 8UD handles)

Standard packing of 3VA26 1250A MCCB includes spreaders & phase barriers

Std. Pkg. = 1 unit

* LP - List Price



SENTRON 3VA27 moulded case circuit breakers



- 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	278055.-	3VA2712-5AB13-0AA0	373980.-
		1600	3VA2716-5AB03-0AA0	384820.-	3VA2716-5AB13-0AA0	517860.-
	85kA	1250	3VA2712-6AB03-0AA0	305460.-	3VA2712-6AB13-0AA0	411085.-
		1600	3VA2716-6AB03-0AA0	422505.-	3VA2716-6AB13-0AA0	569240.-

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	300895.-	3VA2712-5AD13-0AA0	396240.-
		1600	3VA2716-5AD03-0AA0	407090.-	3VA2716-5AD13-0AA0	540120.-
	85kA	1250	3VA2712-6AD03-0AA0	327725.-	3VA2712-6AD13-0AA0	433925.-
		1600	3VA2716-6AD03-0AA0	444775.-	3VA2716-6AD13-0AA0	593790.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	5050.-	1
	Alarm switch (TAS)	3VW9011-0AH14	2495.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	11620.-	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	12580.-	1
	Extended Door Mounted Rotary Operator [^] (Standard - Gray)	3VW9727-0FK21	11185.-	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



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Integrated and Safe planning of complete power distribution system

SIMARIS design

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 of:

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

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SIMARIS Suite



SIMARIS design 10.0



SIMARIS curves 6.2

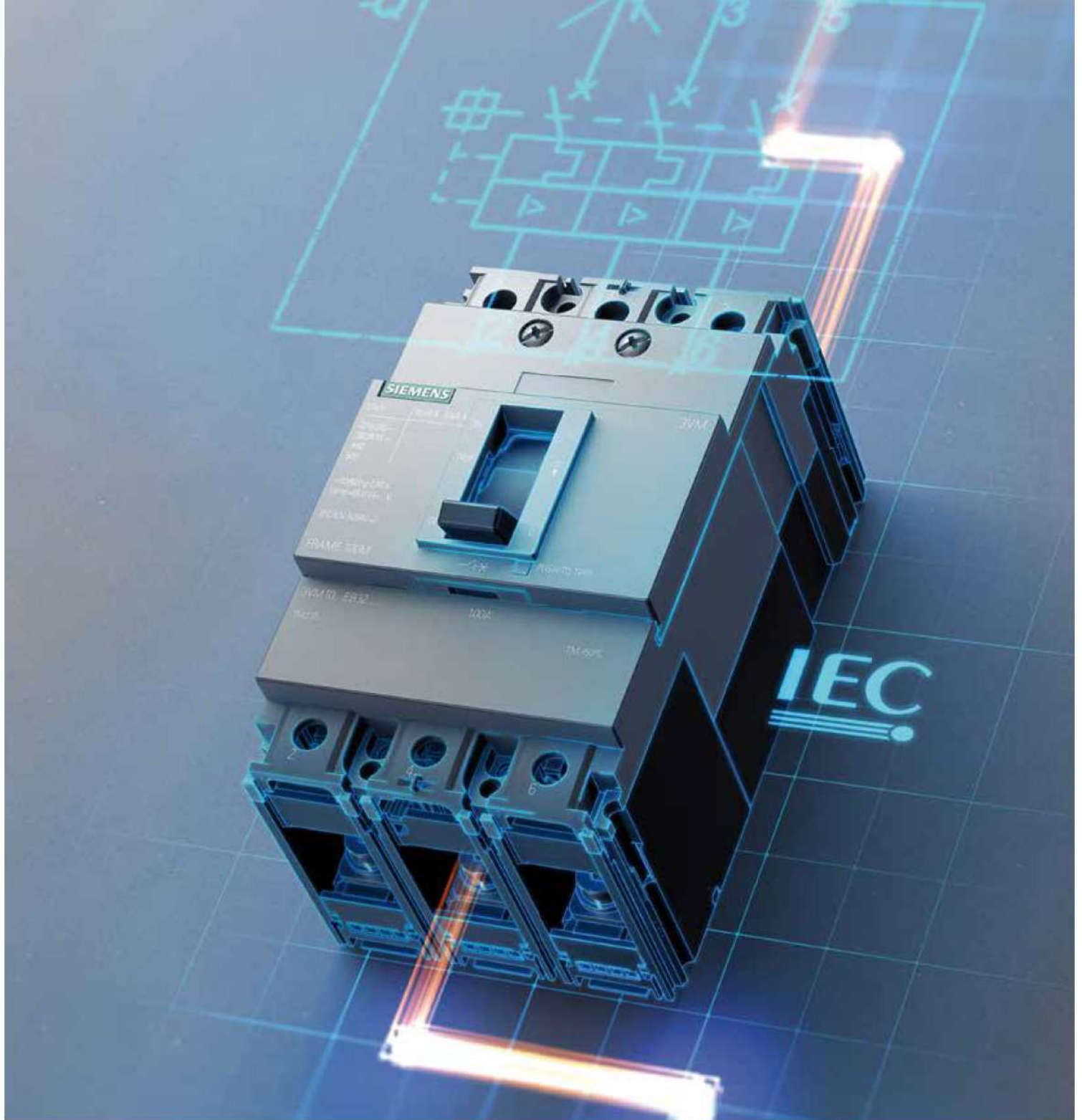


SIMARIS project 6.3



SIMARIS Online
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3VM moulded case circuit breaker

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MCCB: SENTRON 3VM

- Rated current: 16A to 630A
- 1 pole^, 2 pole^, 3 pole & 4 pole versions
- Breaking capacity: 16kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM, AM, FM)
- Switch disconnectors
- Common Internal accessories for the entire range
- Knowledge Manager (QR Code)



SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit MRP [®] ₹	4 Pole Type	Unit MRP [®] ₹
3VM10	16kA	16	3VM10962ED320AA0	8595.-	3VM10962ED420AA0	11140.-
		20	3VM10202ED320AA0	8595.-	3VM10202ED420AA0	11140.-
		25	3VM10252ED320AA0	8595.-	3VM10252ED420AA0	11140.-
		32	3VM10322ED320AA0	8595.-	3VM10322ED420AA0	11140.-
		40	3VM10402ED320AA0	8595.-	3VM10402ED420AA0	11140.-
		50	3VM10502ED320AA0	8595.-	3VM10502ED420AA0	11140.-
		63	3VM10632ED320AA0	8595.-	3VM10632ED420AA0	11140.-
		80	3VM10802ED320AA0	9395.-	3VM10802ED420AA0	12200.-
		100	3VM10102ED320AA0	10195.-	3VM10102ED420AA0	13280.-
3VM10	25kA	16	3VM10963ED320AA0	8910.-	3VM10963ED420AA0	11630.-
		20	3VM10203ED320AA0	8910.-	3VM10203ED420AA0	11630.-
		25	3VM10253ED320AA0	8910.-	3VM10253ED420AA0	11630.-
		32	3VM10323ED320AA0	8910.-	3VM10323ED420AA0	11630.-
		40	3VM10403ED320AA0	8910.-	3VM10403ED420AA0	11630.-
		50	3VM10503ED320AA0	8910.-	3VM10503ED420AA0	11630.-
		63	3VM10633ED320AA0	8910.-	3VM10633ED420AA0	11630.-
		80	3VM10803ED320AA0	9700.-	3VM10803ED420AA0	12615.-
		100	3VM10103ED320AA0	10415.-	3VM10103ED420AA0	13555.-
3VM11		125	3VM11123ED320AA0	13350.-	3VM11123ED420AA0	17625.-
		160	3VM11163ED320AA0	17415.-	3VM11163ED420AA0	22050.-

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM11964ED320AA0	9400.-	3VM11964GD420AA0	13015.-
		20	3VM11204ED320AA0	9400.-	3VM11204GD420AA0	13015.-
		25	3VM11254ED320AA0	9400.-	3VM11254GD420AA0	13015.-
		32	3VM11324ED320AA0	9400.-	3VM11324GD420AA0	13015.-
		40	3VM11404ED320AA0	9400.-	3VM11404GD420AA0	13015.-
		50	3VM11504ED320AA0	9400.-	3VM11504GD420AA0	13015.-
		63	3VM11634ED320AA0	9400.-	3VM11634GD420AA0	13015.-
		80	3VM11804ED320AA0	9870.-	3VM11804GD420AA0	14270.-
		100	3VM11104ED320AA0	11455.-	3VM11104GD420AA0	16490.-
		125	3VM11124ED320AA0	20110.-	3VM11124GD420AA0	26140.-
160		3VM11164ED320AA0	22215.-	3VM11164GD420AA0	28885.-	
3VM12		200	3VM12204ED320AA0	23865.-	3VM12204GD420AA0	29540.-
		250	3VM12254ED320AA0	31830.-	3VM12254GD420AA0	37505.-
3VM13		320	3VM13324ED320AA0	43180.-	3VM13324GD420AA0	53395.-
		400	3VM13404ED320AA0	44320.-	3VM13404GD420AA0	54535.-
3VM14		500	3VM14504ED320AA0	48755.-	3VM14504GD420AA0	58975.-
		630	3VM14634ED320AA0	48755.-	3VM14634GD420AA0	58975.-

^ 3VM11 TMTU up to 160A

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

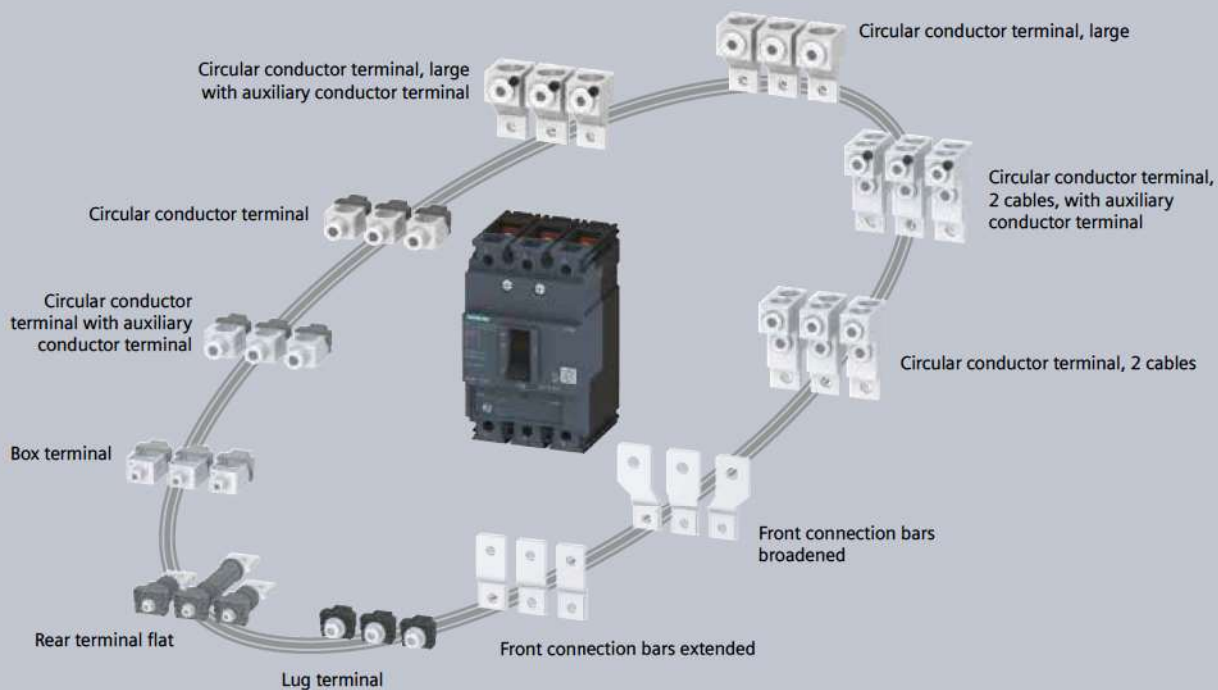
* LP - List Price

® MRP - Max. Retail Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM), 415VAC, 50Hz (Contd.)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	55kA	16	3VM11965ED320AA0	10805.-	3VM11965GD420AA0	14020.-
		20	3VM11205ED320AA0	10805.-	3VM11205GD420AA0	14020.-
		25	3VM11255ED320AA0	10805.-	3VM11255GD420AA0	14020.-
		32	3VM11325ED320AA0	10805.-	3VM11325GD420AA0	14020.-
		40	3VM11405ED320AA0	10805.-	3VM11405GD420AA0	14020.-
		50	3VM11505ED320AA0	10805.-	3VM11505GD420AA0	14020.-
		63	3VM11635ED320AA0	10805.-	3VM11635GD420AA0	14020.-
		80	3VM11805ED320AA0	11840.-	3VM11805GD420AA0	15390.-
		100	3VM11105ED320AA0	13715.-	3VM11105GD420AA0	17800.-
		125	3VM11125ED320AA0	22100.-	3VM11125GD420AA0	28730.-
		160	3VM11165ED320AA0	24415.-	3VM11165GD420AA0	31770.-
3VM12	55kA	200	3VM12205ED320AA0	26410.-	3VM12205GD420AA0	33465.-
		250	3VM12255ED320AA0	34375.-	3VM12255GD420AA0	41435.-
3VM13		320	3VM13325ED320AA0	46825.-	3VM13325GD420AA0	56210.-
		400	3VM13405ED320AA0	47975.-	3VM13405GD420AA0	57355.-
3VM14		500	3VM14505ED320AA0	52400.-	3VM14505GD420AA0	61780.-
		630	3VM14635ED320AA0	52400.-	3VM14635GD420AA0	61780.-

An extensive portfolio of connection components....



..to meet ALL installation requirements.

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Thermal Magnetic Trip Unit, Adj. Thermal Fixed Magnetic (ATFM), 415VAC, 50Hz

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	25kA	16	3VM11963EE320AA0	10580.-	3VM11963GE420AA0	15950.-
		20	3VM11203EE320AA0	10580.-	3VM11203GE420AA0	15950.-
		25	3VM11253EE320AA0	10580.-	3VM11253GE420AA0	15950.-
		32	3VM11323EE320AA0	10580.-	3VM11323GE420AA0	15950.-
		40	3VM11403EE320AA0	10580.-	3VM11403GE420AA0	15950.-
		50	3VM11503EE320AA0	10580.-	3VM11503GE420AA0	15950.-
		63	3VM11633EE320AA0	10580.-	3VM11633GE420AA0	15950.-
		80	3VM11803EE320AA0	10580.-	3VM11803GE420AA0	15950.-
		100	3VM11103EE320AA0	10580.-	3VM11103GE420AA0	15950.-
		125	3VM11123EE320AA0	13660.-	3VM11123GE420AA0	18685.-
		160	3VM11163EE320AA0	18790.-	3VM11163GE420AA0	23920.-
3VM11	36kA	16	3VM11964EE320AA0	13685.-	3VM11964GE420AA0	17915.-
		20	3VM11204EE320AA0	13685.-	3VM11204GE420AA0	17915.-
		25	3VM11254EE320AA0	13685.-	3VM11254GE420AA0	17915.-
		32	3VM11324EE320AA0	13685.-	3VM11324GE420AA0	17915.-
		40	3VM11404EE320AA0	13685.-	3VM11404GE420AA0	17915.-
		50	3VM11504EE320AA0	13685.-	3VM11504GE420AA0	17915.-
		63	3VM11634EE320AA0	13685.-	3VM11634GE420AA0	17915.-
		80	3VM11804EE320AA0	13685.-	3VM11804GE420AA0	17915.-
		100	3VM11104EE320AA0	13685.-	3VM11104GE420AA0	17915.-
		125	3VM11124EE320AA0	21065.-	3VM11124GE420AA0	26825.-
3VM12	36kA	160	3VM11164EE320AA0	22825.-	3VM11164GE420AA0	29630.-
		200	3VM12204EE320AA0	33015.-	3VM12204GE420AA0	38525.-
3VM13	36kA	250	3VM12254EE320AA0	33015.-	3VM12254GE420AA0	38525.-
		320	3VM13324EE320AA0	44195.-	3VM13324GE420AA0	54110.-
3VM14	36kA	400	3VM13404EE320AA0	44605.-	3VM13404GE420AA0	54110.-
		500	3VM14504EE320AA0	50485.-	3VM14504GE420AA0	60395.-
		630	3VM14634EE320AA0	50485.-	3VM14634GE420AA0	60395.-
3VM11	55kA	16	3VM11965EE320AA0	15595.-	3VM11965GE420AA0	19705.-
		20	3VM11205EE320AA0	15595.-	3VM11205GE420AA0	19705.-
		25	3VM11255EE320AA0	15595.-	3VM11255GE420AA0	19705.-
		32	3VM11325EE320AA0	15595.-	3VM11325GE420AA0	19705.-
		40	3VM11405EE320AA0	15595.-	3VM11405GE420AA0	19705.-
		50	3VM11505EE320AA0	15595.-	3VM11505GE420AA0	19705.-
		63	3VM11635EE320AA0	15595.-	3VM11635GE420AA0	19705.-
		80	3VM11805EE320AA0	15595.-	3VM11805GE420AA0	19705.-
		100	3VM11105EE320AA0	15595.-	3VM11105GE420AA0	19705.-
		125	3VM11125EE320AA0	24485.-	3VM11125GE420AA0	29410.-
3VM12	55kA	160	3VM11165EE320AA0	25105.-	3VM11165GE420AA0	32395.-
		200	3VM12205EE320AA0	35480.-	3VM12205GE420AA0	42330.-
3VM13	55kA	250	3VM12255EE320AA0	35480.-	3VM12255GE420AA0	42330.-
		320	3VM13325EE320AA0	47735.-	3VM13325GE420AA0	56835.-
3VM14	55kA	400	3VM13405EE320AA0	48180.-	3VM13405GE420AA0	56835.-
		500	3VM14505EE320AA0	54015.-	3VM14505GE420AA0	63120.-
		630	3VM14635EE320AA0	54015.-	3VM14635GE420AA0	63120.-

Std. Pkg. = 1 unit

* LP - List Price

SENTRON 3VM, Motor Starter Protection, 3pole, Adjustable Magnetic (AM) trip unit

Frame Size	Rated Current In (A)	Breaking Capacity (55kA, 415V, 50Hz)	Unit LP* ₹
3VM11	8 ¹⁾	3VM11085MG320AA0	13585.-
	12.5 ¹⁾	3VM11925MG320AA0	13585.-
	20	3VM11205MH320AA0	13585.-
	32	3VM11325MH320AA0	16225.-
	40	3VM11405MH320AA0	16225.-
	50	3VM11505MH320AA0	16225.-
	63	3VM11635MH320AA0	16225.-
	80	3VM11805MH320AA0	16225.-
	100	3VM11105MH320AA0	16225.-
	125	3VM11125MH320AA0	24155.-
3VM12	160	3VM12165MH320AA0	24155.-
	200	3VM12205MH320AA0	36645.-
3VM13	250	3VM13255MH320AA0	36645.-
	320	3VM13325MH320AA0	52510.-
3VM14	400	3VM14405MH320AA0	52510.-
	500	3VM14505MH320AA0	58200.-



SENTRON 3VM, Switch Disconnecter (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM11631AA320AA0	10135.-	3VM11631AA420AA0	14975.-
	100	3VM11101AA320AA0	10135.-	3VM11101AA420AA0	14975.-
	125	3VM11121AA320AA0	14785.-	3VM11121AA420AA0	18615.-
	160	3VM11161AA320AA0	14785.-	3VM11161AA420AA0	18615.-
3VM12	250	3VM12251AA320AA0	24615.-	3VM12251AA420AA0	32825.-
3VM13	400	3VM13401AA320AA0	31755.-	3VM13401AA420AA0	41290.-

¹⁾ Fixed magnetic

3VM Plug in Portfolio

16A-630A, 3P & 4P



3VM MCCB



Plug in kit

Plug in technology



Easy to handle



Quick Replacement



Safe Installation

Available as complete kit and/or conversion kit. Kindly contact nearest Sales office for further information.

SENTRON 3VM, Thermal Magnetic Trip Unit, Fixed Thermal Fixed Magnetic (FTFM)

Frame Size	Breaking Capacity	Rated Current In (A)	1 Pole Type	Unit LP* ₹	2 Pole Type	Unit LP* ₹
3VM11	25kA ¹⁾	16	3VM11963ED120AA0	3955.-	3VM11963ED220AA0	7090.-
		20	3VM11203ED120AA0	3955.-	3VM11203ED220AA0	7090.-
		25	3VM11253ED120AA0	3955.-	3VM11253ED220AA0	7090.-
		32	3VM11323ED120AA0	3955.-	3VM11323ED220AA0	7090.-
		40	3VM11403ED120AA0	3955.-	3VM11403ED220AA0	7090.-
		50	3VM11503ED120AA0	3955.-	3VM11503ED220AA0	7090.-
		63	3VM11633ED120AA0	3955.-	3VM11633ED220AA0	7090.-
		80	3VM11803ED120AA0	4350.-	3VM11803ED220AA0	7770.-
		100	3VM11103ED120AA0	5020.-	3VM11103ED220AA0	9105.-
		125	3VM11123ED120AA0	8110.-	3VM11123ED220AA0	14730.-
3VM11	36kA ¹⁾	160	3VM11163ED120AA0	9445.-	3VM11163ED220AA0	17010.-
		16	3VM11964ED120AA0	4280.-	3VM11964ED220AA0	7770.-
		20	3VM11204ED120AA0	4280.-	3VM11204ED220AA0	7770.-
		25	3VM11254ED120AA0	4280.-	3VM11254ED220AA0	7770.-
		32	3VM11324ED120AA0	4280.-	3VM11324ED220AA0	7770.-
		40	3VM11404ED120AA0	4280.-	3VM11404ED220AA0	7770.-
		50	3VM11504ED120AA0	4280.-	3VM11504ED220AA0	7770.-
		63	3VM11634ED120AA0	4280.-	3VM11634ED220AA0	7770.-
		80	3VM11804ED120AA0	4755.-	3VM11804ED220AA0	8575.-
		100	3VM11104ED120AA0	5120.-	3VM11104ED220AA0	9910.-
		125	3VM11124ED120AA0	8780.-	3VM11124ED220AA0	15795.-
		160	3VM11164ED120AA0	10240.-	3VM11164ED220AA0	18480.-

¹⁾ 1pole : Icu 25kA/ 36kA @ 240VAC, 2pole : Icu 25kA/ 36kA @ 415VAC

Earth fault protection for SENTRON 3VM moulded case circuit breaker

Description		Type	Unit LP* ₹
Earth fault monitoring relay	- Auxiliary voltage: 85-270V AC/DC - Change over contact: 2C/O - Width: 35mm module	7UG0861-1BU20	5375.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	1855.-
	4P	7UG09911	2115.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	2240.-
	4P	7UG09913	2640.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	3300.-
	4P	7UG09915	3570.-

Earth leakage protection for SENTRON 3VM moulded case circuit breaker

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	5200.-
	230VAC	7UG0842-1CD20	5250.-
CBCT for ELR	35 mm dia	7UG0996	1895.-
	70 mm dia	7UG0997	2160.-
	120 mm dia	7UG0999	3680.-
	210 mm dia	7UG0994	7085.-
	310 mm dia	7UG0995	10555.-

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

Std. Pkg. = 1 unit

* LP - List Price

Internal accessories for SENTRON 3VM10/11/12/13/14 100A-630A

MLFB	Description	Unit LP*₹
Auxiliary Switches and Alarm Switches (1 C/O)		
3VM9988-0AA12	Auxiliary Switch AUX (1 C/O)	1700.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	1700.-
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	3795.-
3VM9908-0BB12	UVR 48V DC	3795.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	3795.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	3795.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	3795.-
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	3075.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	3075.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	3075.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	3075.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	3075.-

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles ¹⁾		
3VM9117-0FK51*	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	2080.-
3VM9217-0FK51*	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	2630.-
3VM9417-0FK51*	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	2840.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	2140.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	2810.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	3100.-
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	1155.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	1480.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	1445.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	1920.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	1940.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	2510.-
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	970.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	1295.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	1310.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	1705.-
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	715.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	995.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	995.-
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	1895.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	2490.-
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ..*	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	5590.-



AUX



TAS



UVR



STL

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

* 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⁾ Rotary handles are not available for 1pole/ 2pole 3VM1 MCCBs

Std. Pkg. = 1 unit

* LP - List Price

3VT2..3

Main switching unit without Trip Unit (ETU)

To be ordered along with trip unit

Frame Size	Breaking capacity (I _{cu} , 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	12540.-	3VT2725-2AA46-0AA0	19490.-	1
3VT3		630	3VT3763-2AA36-0AA0	30625.-	3VT3763-2AA46-0AA0	43135.-	1
3VT2	65 kA	250	3VT2725-3AA36-0AA0	15655.-	3VT2725-3AA46-0AA0	24300.-	1
3VT3		630	3VT3763-3AA36-0AA0	35085.-	3VT3763-3AA46-0AA0	46575.-	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	11435.-	1
	200	3VT9220-6AB00	17150.-	1
	250	3VT9225-6AB00	27190.-	1
3VT3	315	3VT9331-6AB00	22890.-	1
	400	3VT9340-6AB00	24330.-	1
	630	3VT9363-6AB00	29915.-	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	160	3VT9216-6AP00	14315.-	1
	250	3VT9225-6AP00	30050.-	1
3VT3	400	3VT9340-6AP00	30050.-	1
	630	3VT9363-6AP00	37215.-	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	10105.-	1
	160	3VT9216-6AC00	14170.-	1
	250	3VT9225-6AC00	29975.-	1
3VT3	400	3VT9340-6AC00	25900.-	1
	630	3VT9363-6AC00	34060.-	1

Benefits of interchangeable trip units

- Suitable for various applications
- Easy upgradation at site

Accessories for 3VT2..3

Accessory		3VT2 Type	Unit LP* ₹	3VT3 Type	Unit LP* ₹
Auxiliary Switch		3VT9300-2AF10 (1NO+1NC)	3140.-	3VT9300-2AF10 (1NO+1NC)	3140.-
		3VT9300-2AC10 (1NO)	1580.-	3VT9300-2AC10 (1NO)	1580.-
Alarm Switch		3VT9300-2AD10 (1NC)	1580.-	3VT9300-2AD10 (1NC)	1580.-
Shunt Release	AC 230V/DC 220V	3VT9300-1SE00\$	3555.-	3VT9300-1SE00\$	3555.-
Under-voltage Release	AC 230V/DC 220V	3VT9300-1UE00\$	4305.-	3VT9300-1UE00\$	4305.-
Spreader Links [§]	3 pole (1 set = 3 links + 2 phase barriers)	3VT9200-4ED30-ORC1	1445.-	3VT9300-4ED30-ORC1	1940.-
	4 pole (1 set = 4 links + 3 phase barriers)	3VT9200-4ED40-ORC1	1920.-	3VT9300-4ED40-ORC1	2510.-
Panel door mounted rotary operating handles ²	1 set **	3VT9200-3HQ00	2895.-	3VT9300-3HQ00	3120.-

Available till stocks last 3VT2..3 (Main Switching Unit + ETU) & accessories

\$ Also suitable for 400/500V AC

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

§ spreaders with higher phase-to-phase clearance

MCCB: SENTRON 3VT4...5

- Rated current - 800A to 1600A
- Microprocessor based trip unit
- Adjustable settings
- Suitable for various applications
- Inbuilt extended terminals
- Higher clearances



Main switching unit without Trip Unit (ETU)

To be ordered along with trip unit

Microprocessor based Trip Unit (ETU)

To be ordered along with the MCCB Main switching unit

Trip unit for system protection ETU DP, LI function
(Adj Overload & Adj Short Circuit)

Frame Size	Breaking capacity (Icu, 415V AC, 50Hz)	Rated current I _n (A)	3 pole	
			Type	Unit LP* ₹
3VT4	65 kA	1000	3VT4710-3AA30-0AA0	58210.-
3VT5	55 kA	1600	3VT5716-3AA30-0AA0	87330.-

Frame size	Rated current I _n (A)	Type	Unit LP* ₹
3VT4	800	3VT9480-6AC00	28345.-
	1000	3VT9410-6AC00	89265.-
3VT5	1250	3VT9512-6AC00	96690.-
	1600	3VT9516-6AC00	163635.-

Accessories for 3VT4...5

Accessory		3VT4/5 Type	Unit LP* ₹
Auxiliary Switch		3VT9500-2AF10 (2NO+2NC)	5210.-
Alarm Switch		3VT9500-2AF10 (2NO+2NC)	5210.-
Shunt Release AC 230V/ DC 220V		3VT9500-1SJ00	3925.-

Accessory		3VT4/5 Type	Unit LP* ₹
Under-voltage Release AC 230V/ DC 220V		3VT9500-1UJ00	4265.-
Panel door mounted rotary operating handles 1 set **		3VT9500-3HQ00	6630.-
Castell Interlock Kit ¹ 1 set (1 lock + 1 key)		8UC60702YQ..	5740.-

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

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.

Main switching unit + Trip unit



Main switching unit

+

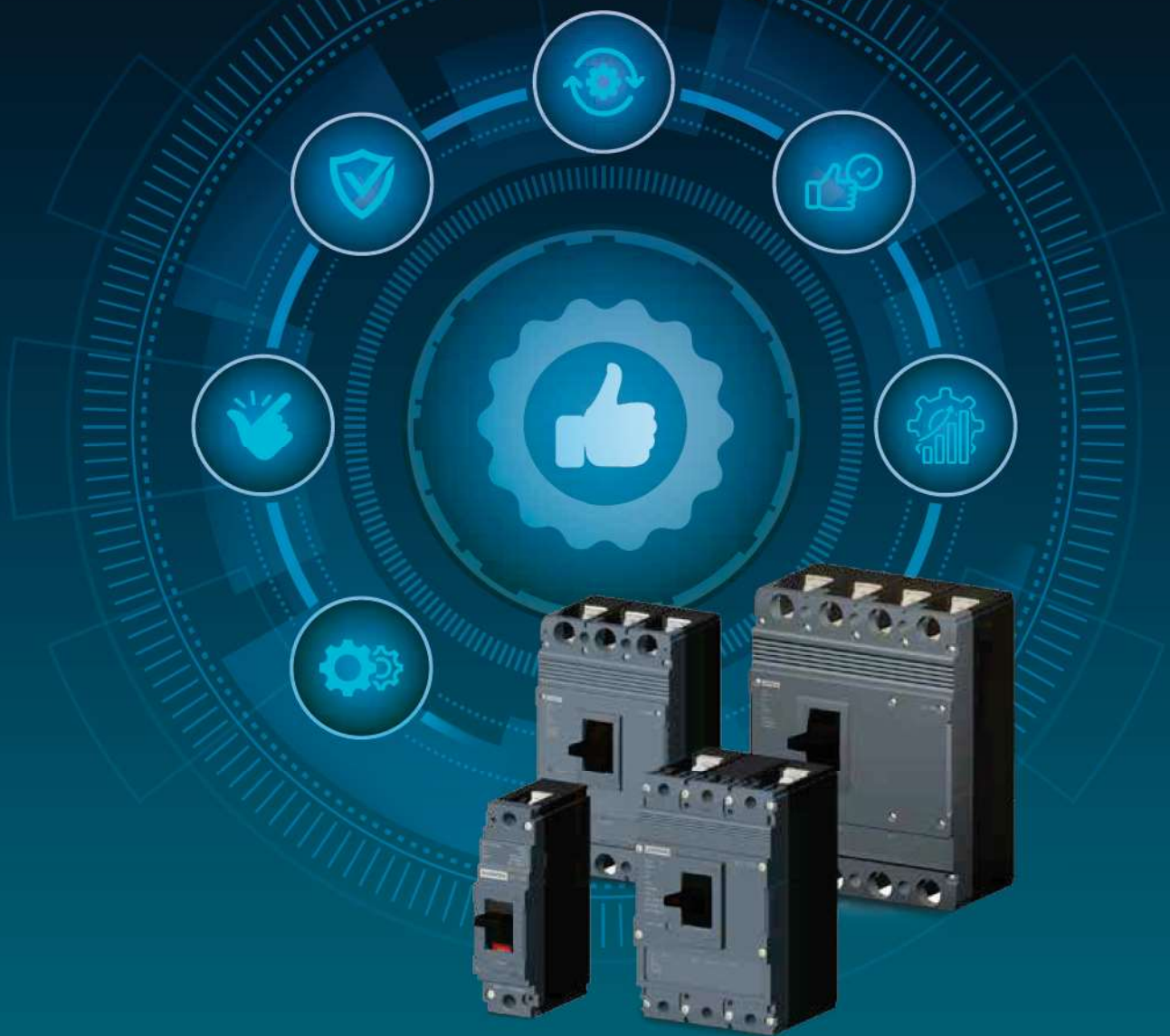


Trip unit

=



Complete unit



SINOVA

3VJ Moulded Case Circuit Breakers

Simply Efficient

- Rated current: 20A to 400A
- 1 pole, 2 pole, 3 pole & 4 pole versions
- Breaking capacity: 10kA to 55kA
- Thermal magnetic trip unit (FTFM, ATFM)
- Range of internal and external accessories

www.siemens.co.in

SIEMENS

3VJ Moulded Case Circuit Breaker

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 [^] Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	20	3VJ1002-0DA22-0AA0	2765.-	3VJ1002-0DA32-0AA0	3425.-	3VJ1002-0EA42-0AA0	4910.-
		25	3VJ1092-0DA22-0AA0	2765.-	3VJ1092-0DA32-0AA0	3425.-	3VJ1092-0EA42-0AA0	4910.-
		32	3VJ1003-0DA22-0AA0	2765.-	3VJ1003-0DA32-0AA0	3425.-	3VJ1003-0EA42-0AA0	4910.-
		40	3VJ1004-0DA22-0AA0	2765.-	3VJ1004-0DA32-0AA0	3425.-	3VJ1004-0EA42-0AA0	4910.-
		50	3VJ1005-0DA22-0AA0	2765.-	3VJ1005-0DA32-0AA0	3425.-	3VJ1005-0EA42-0AA0	4910.-
		63	3VJ1006-0DA22-0AA0	2765.-	3VJ1006-0DA32-0AA0	3425.-	3VJ1006-0EA42-0AA0	4910.-
		80	3VJ1008-0DA22-0AA0	2765.-	3VJ1008-0DA32-0AA0	3425.-	3VJ1008-0EA42-0AA0	4910.-
		100	3VJ1010-0DA22-0AA0	2765.-	3VJ1010-0DA32-0AA0	3425.-	3VJ1010-0EA42-0AA0	4910.-
		125	3VJ1012-0DA22-0AA0	4265.-	3VJ1012-0DA32-0AA0	5135.-	3VJ1012-0EA42-0AA0	7370.-
	18kA	20	3VJ1002-1DA22-0AA0	3815.-	3VJ1002-1DA32-0AA0	5505.-	3VJ1002-1EA42-0AA0	7065.-
		25	3VJ1092-1DA22-0AA0	3815.-	3VJ1092-1DA32-0AA0	5505.-	3VJ1092-1EA42-0AA0	7065.-
		32	3VJ1003-1DA22-0AA0	3815.-	3VJ1003-1DA32-0AA0	5505.-	3VJ1003-1EA42-0AA0	7065.-
		40	3VJ1004-1DA22-0AA0	3815.-	3VJ1004-1DA32-0AA0	5505.-	3VJ1004-1EA42-0AA0	7065.-
		50	3VJ1005-1DA22-0AA0	3815.-	3VJ1005-1DA32-0AA0	5505.-	3VJ1005-1EA42-0AA0	7065.-
		63	3VJ1006-1DA22-0AA0	3815.-	3VJ1006-1DA32-0AA0	5505.-	3VJ1006-1EA42-0AA0	7065.-
		80	3VJ1008-1DA22-0AA0	3815.-	3VJ1008-1DA32-0AA0	5505.-	3VJ1008-1EA42-0AA0	7065.-
		100	3VJ1010-1DA22-0AA0	3815.-	3VJ1010-1DA32-0AA0	5505.-	3VJ1010-1EA42-0AA0	7065.-
		125	3VJ1012-1DA22-0AA0	4420.-	3VJ1012-1DA32-0AA0	6315.-	3VJ1012-1EA42-0AA0	8215.-
	25kA	20	3VJ1002-3DA22-0AA0	4580.-	3VJ1002-3DA32-0AA0	6010.-	3VJ1002-3EA42-0AA0	7965.-
		25	3VJ1092-3DA22-0AA0	4580.-	3VJ1092-3DA32-0AA0	6010.-	3VJ1092-3EA42-0AA0	7965.-
		32	3VJ1003-3DA22-0AA0	4580.-	3VJ1003-3DA32-0AA0	6010.-	3VJ1003-3EA42-0AA0	7965.-
		40	3VJ1004-3DA22-0AA0	4580.-	3VJ1004-3DA32-0AA0	6010.-	3VJ1004-3EA42-0AA0	7965.-
		50	3VJ1005-3DA22-0AA0	4580.-	3VJ1005-3DA32-0AA0	6010.-	3VJ1005-3EA42-0AA0	7965.-
		63	3VJ1006-3DA22-0AA0	4580.-	3VJ1006-3DA32-0AA0	6010.-	3VJ1006-3EA42-0AA0	7965.-
		80	3VJ1008-3DA22-0AA0	4580.-	3VJ1008-3DA32-0AA0	6010.-	3VJ1008-3EA42-0AA0	7965.-
		100	3VJ1010-3DA22-0AA0	4580.-	3VJ1010-3DA32-0AA0	6010.-	3VJ1010-3EA42-0AA0	7965.-
		125	3VJ1012-3DA22-0AA0	4580.-	3VJ1012-3DA32-0AA0	6865.-	3VJ1012-3EA42-0AA0	8760.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2^ Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	9300.-	3VJ1216-3DA32-0AA0	10790.-	3VJ1216-3EA42-0AA0	14195.-
		200	3VJ1220-3DA22-0AA0	9405.-	3VJ1220-3DA32-0AA0	10955.-	3VJ1220-3EA42-0AA0	15580.-
		250	3VJ1225-3DA22-0AA0	9505.-	3VJ1225-3DA32-0AA0	12325.-	3VJ1225-3EA42-0AA0	16230.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-3DA32-0AA0	24420.-	3VJ1332-3EA42-0AA0	31445.-
		400	-	-	3VJ1340-3DA32-0AA0	24420.-	3VJ1340-3EA42-0AA0	31445.-
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DA22-0AA0	7045.-	3VJ1192-5DA32-0AA0	8385.-	3VJ1192-5EA42-0AA0	11080.-
		32	3VJ1103-5DA22-0AA0	7045.-	3VJ1103-5DA32-0AA0	8385.-	3VJ1103-5EA42-0AA0	11080.-
		40	3VJ1104-5DA22-0AA0	7045.-	3VJ1104-5DA32-0AA0	8385.-	3VJ1104-5EA42-0AA0	11080.-
		50	3VJ1105-5DA22-0AA0	7045.-	3VJ1105-5DA32-0AA0	8385.-	3VJ1105-5EA42-0AA0	11080.-
		63	3VJ1106-5DA22-0AA0	7045.-	3VJ1106-5DA32-0AA0	8385.-	3VJ1106-5EA42-0AA0	11080.-
		80	3VJ1108-5DA22-0AA0	7045.-	3VJ1108-5DA32-0AA0	8635.-	3VJ1108-5EA42-0AA0	11420.-
		100	3VJ1110-5DA22-0AA0	7045.-	3VJ1110-5DA32-0AA0	8635.-	3VJ1110-5EA42-0AA0	11420.-
		125	3VJ1112-5DA22-0AA0	7045.-	3VJ1112-5DA32-0AA0	9495.-	3VJ1112-5EA42-0AA0	12415.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	9815.-	3VJ1216-5DA32-0AA0	12080.-	3VJ1216-5EA42-0AA0	14690.-
		200	3VJ1220-5DA22-0AA0	10335.-	3VJ1220-5DA32-0AA0	14895.-	3VJ1220-5EA42-0AA0	19220.-
		250	3VJ1225-5DA22-0AA0	11665.-	3VJ1225-5DA32-0AA0	17120.-	3VJ1225-5EA42-0AA0	22030.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-5DA32-0AA0	25030.-	3VJ1332-5EA42-0AA0	32060.-
		400	-	-	3VJ1340-5DA32-0AA0	25030.-	3VJ1340-5EA42-0AA0	32060.-
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DA22-0AA0	7420.-	3VJ1192-7DA32-0AA0	10725.-	3VJ1192-7EA42-0AA0	14150.-
		32	3VJ1103-7DA22-0AA0	7420.-	3VJ1103-7DA32-0AA0	10725.-	3VJ1103-7EA42-0AA0	14150.-
		40	3VJ1104-7DA22-0AA0	7420.-	3VJ1104-7DA32-0AA0	10725.-	3VJ1104-7EA42-0AA0	14150.-
		50	3VJ1105-7DA22-0AA0	7420.-	3VJ1105-7DA32-0AA0	10725.-	3VJ1105-7EA42-0AA0	14150.-
		63	3VJ1106-7DA22-0AA0	7420.-	3VJ1106-7DA32-0AA0	10725.-	3VJ1106-7EA42-0AA0	14150.-
		80	3VJ1108-7DA22-0AA0	7420.-	3VJ1108-7DA32-0AA0	10725.-	3VJ1108-7EA42-0AA0	14150.-
		100	3VJ1110-7DA22-0AA0	7420.-	3VJ1110-7DA32-0AA0	10725.-	3VJ1110-7EA42-0AA0	14150.-
		125	3VJ1112-7DA22-0AA0	7420.-	3VJ1112-7DA32-0AA0	11805.-	3VJ1112-7EA42-0AA0	15565.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	10640.-	3VJ1216-7DA32-0AA0	14940.-	3VJ1216-7EA42-0AA0	19735.-
		200	3VJ1220-7DA22-0AA0	10850.-	3VJ1220-7DA32-0AA0	17180.-	3VJ1220-7EA42-0AA0	22690.-
		250	3VJ1225-7DA22-0AA0	11880.-	3VJ1225-7DA32-0AA0	19755.-	3VJ1225-7EA42-0AA0	26095.-
3VJ13 (VJ1 400)		320	-	-	3VJ1332-7DA32-0AA0	25640.-	3VJ1332-7EA42-0AA0	32975.-
		400	-	-	3VJ1340-7DA32-0AA0	25640.-	3VJ1340-7EA42-0AA0	32975.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



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

NEW

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	20	3VJ1002-0DB32-0AA0	4370.-	3VJ1002-0EB42-0AA0	5900.-
		25	3VJ1092-0DB32-0AA0	4370.-	3VJ1092-0EB42-0AA0	5900.-
		32	3VJ1003-0DB32-0AA0	4370.-	3VJ1003-0EB42-0AA0	5900.-
		40	3VJ1004-0DB32-0AA0	4370.-	3VJ1004-0EB42-0AA0	5900.-
		50	3VJ1005-0DB32-0AA0	4370.-	3VJ1005-0EB42-0AA0	5900.-
		63	3VJ1006-0DB32-0AA0	4370.-	3VJ1006-0EB42-0AA0	5900.-
		80	3VJ1008-0DB32-0AA0	4370.-	3VJ1008-0EB42-0AA0	5900.-
		100	3VJ1010-0DB32-0AA0	4370.-	3VJ1010-0EB42-0AA0	5900.-
	18kA	125	3VJ1012-0DB32-0AA0	6285.-	3VJ1012-0EB42-0AA0	8865.-
		20	3VJ1002-1DB32-0AA0	6600.-	3VJ1002-1EB42-0AA0	8475.-
		25	3VJ1092-1DB32-0AA0	6600.-	3VJ1092-1EB42-0AA0	8475.-
		32	3VJ1003-1DB32-0AA0	6600.-	3VJ1003-1EB42-0AA0	8475.-
		40	3VJ1004-1DB32-0AA0	6600.-	3VJ1004-1EB42-0AA0	8475.-
		50	3VJ1005-1DB32-0AA0	6600.-	3VJ1005-1EB42-0AA0	8475.-
		63	3VJ1006-1DB32-0AA0	6600.-	3VJ1006-1EB42-0AA0	8475.-
		80	3VJ1008-1DB32-0AA0	6600.-	3VJ1008-1EB42-0AA0	8475.-
	25kA	100	3VJ1010-1DB32-0AA0	6600.-	3VJ1010-1EB42-0AA0	8475.-
		125	3VJ1012-1DB32-0AA0	7570.-	3VJ1012-1EB42-0AA0	9850.-
		20	3VJ1002-3DB32-0AA0	7585.-	3VJ1002-3EB42-0AA0	10055.-
		25	3VJ1092-3DB32-0AA0	7585.-	3VJ1092-3EB42-0AA0	10055.-
		32	3VJ1003-3DB32-0AA0	7585.-	3VJ1003-3EB42-0AA0	10055.-
		40	3VJ1004-3DB32-0AA0	7585.-	3VJ1004-3EB42-0AA0	10055.-
		50	3VJ1005-3DB32-0AA0	7585.-	3VJ1005-3EB42-0AA0	10055.-
		63	3VJ1006-3DB32-0AA0	7585.-	3VJ1006-3EB42-0AA0	10055.-
		80	3VJ1008-3DB32-0AA0	7585.-	3VJ1008-3EB42-0AA0	10055.-
		100	3VJ1010-3DB32-0AA0	7585.-	3VJ1010-3EB42-0AA0	10055.-
		125	3VJ1012-3DB32-0AA0	8655.-	3VJ1012-3EB42-0AA0	11055.-

Notes:

Phase barriers are included in the standard MCCB packing

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	12165.-	3VJ1216-3EB42-0AA0	14800.-
		200	3VJ1220-3DB32-0AA0	13130.-	3VJ1220-3EB42-0AA0	16530.-
		250	3VJ1225-3DB32-0AA0	14785.-	3VJ1225-3EB42-0AA0	19460.-
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	27655.-	3VJ1332-3EB42-0AA0	35620.-
		400	3VJ1340-3DB32-0AA0	27655.-	3VJ1340-3EB42-0AA0	35620.-
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DB32-0AA0	10055.-	3VJ1192-5EB42-0AA0	13285.-
		32	3VJ1103-5DB32-0AA0	10055.-	3VJ1103-5EB42-0AA0	13285.-
		40	3VJ1104-5DB32-0AA0	10055.-	3VJ1104-5EB42-0AA0	13285.-
		50	3VJ1105-5DB32-0AA0	10055.-	3VJ1105-5EB42-0AA0	13285.-
		63	3VJ1106-5DB32-0AA0	10055.-	3VJ1106-5EB42-0AA0	13285.-
		80	3VJ1108-5DB32-0AA0	10055.-	3VJ1108-5EB42-0AA0	13285.-
		100	3VJ1110-5DB32-0AA0	10055.-	3VJ1110-5EB42-0AA0	13285.-
		125	3VJ1112-5DB32-0AA0	11385.-	3VJ1112-5EB42-0AA0	14445.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	13795.-	3VJ1216-5EB42-0AA0	16775.-
		200	3VJ1220-5DB32-0AA0	17860.-	3VJ1220-5EB42-0AA0	23050.-
		250	3VJ1225-5DB32-0AA0	20535.-	3VJ1225-5EB42-0AA0	26420.-
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	28350.-	3VJ1332-5EB42-0AA0	36310.-
		400	3VJ1340-5DB32-0AA0	28350.-	3VJ1340-5EB42-0AA0	36310.-
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DB32-0AA0	12150.-	3VJ1192-7EB42-0AA0	16025.-
		32	3VJ1103-7DB32-0AA0	12150.-	3VJ1103-7EB42-0AA0	16025.-
		40	3VJ1104-7DB32-0AA0	12150.-	3VJ1104-7EB42-0AA0	16025.-
		50	3VJ1105-7DB32-0AA0	12150.-	3VJ1105-7EB42-0AA0	16025.-
		63	3VJ1106-7DB32-0AA0	12150.-	3VJ1106-7EB42-0AA0	16025.-
		80	3VJ1108-7DB32-0AA0	12150.-	3VJ1108-7EB42-0AA0	16025.-
		100	3VJ1110-7DB32-0AA0	12150.-	3VJ1110-7EB42-0AA0	16025.-
		125	3VJ1112-7DB32-0AA0	13370.-	3VJ1112-7EB42-0AA0	17630.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	15995.-	3VJ1216-7EB42-0AA0	21125.-
		200	3VJ1220-7DB32-0AA0	18395.-	3VJ1220-7EB42-0AA0	24290.-
		250	3VJ1225-7DB32-0AA0	21145.-	3VJ1225-7EB42-0AA0	27935.-
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	29045.-	3VJ1332-7EB42-0AA0	37350.-
		400	3VJ1340-7DB32-0AA0	29045.-	3VJ1340-7EB42-0AA0	37350.-

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth fault monitoring relay	• Auxiliary voltage: 85-270V AC/DC	7UG08611BU20	5375.-
	• Change over contact: 2C/O		
	• Width: 35mm module		
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P	7UG09910	1855.-
	4P	7UG09911	2115.-
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P	7UG09911	2115.-
	4P	7UG09911	2115.-
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P	7UG09912	2240.-
	4P	7UG09913	2640.-

Earth Leakage Protection for 3VJ MCCBs

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG08411CB20	5200.-
	230VAC	7UG08421CD20	5250.-
CBCT for ELR	35 mm dia	7UG0996	1895.-
	70 mm dia	7UG0997	2160.-
	120 mm dia	7UG0999	3680.-
	210 mm dia	7UG0994	7085.-
	310 mm dia	7UG0995	10555.-

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

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

LP = List Price

3VJ Internal accessories

NEW

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹
Accessory									
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1505.-	3VJ9218-0AN11	1555.-	3VJ9218-0AN11	1555.-	3VJ9417-0AN11	1610.-
	Right	–	–	3VJ9218-0AN21	1555.-	3VJ9218-0AN21	1555.-	3VJ9417-0AN21	1610.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1505.-	3VJ9118-0AA11	1505.-	3VJ9218-0AA11	1555.-	3VJ9417-0AA11	1610.-
	Right	–	–	3VJ9118-0AA21	1505.-	3VJ9218-0AA21	1555.-	3VJ9417-0AA21	1610.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2445.-	3VJ9118-0AD11	2445.-	3VJ9218-0AD11	2560.-	3VJ9417-0AD11	2780.-
	Right	–	–	3VJ9118-0AD21	2445.-	3VJ9218-0AD21	2560.-	3VJ9417-0AD21	2780.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	3115.-	3VJ9218-0ST11	3115.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	3335.-
	48V DC	–	–	3VJ9218-0ST12	3115.-	3VJ9218-0ST12	3115.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	3335.-
	110V DC	3VJ9018-0ST15	2265.-	3VJ9218-0ST15	3115.-	3VJ9218-0ST15	3115.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	3335.-
	110V AC	3VJ9018-0ST35	2265.-	3VJ9218-0ST35	3225.-	3VJ9218-0ST35	3225.-	–	–
	220V AC	3VJ9018-0ST36	2455.-	3VJ9218-0ST36	3335.-	3VJ9218-0ST36	3335.-	3VJ9417-0ST36	3670.-
Undervoltage Release (Left) (UVR)	415V AC	3VJ9018-0ST37	2455.-	3VJ9218-0ST37	3335.-	3VJ9218-0ST37	3335.-	3VJ9417-0ST37	3670.-
	24V DC	–	–	3VJ9218-0UV11	4450.-	3VJ9218-0UV11	4450.-	–	–
	48V DC	–	–	3VJ9218-0UV12	4450.-	3VJ9218-0UV12	4450.-	–	–
	220V AC	–	–	3VJ9218-0UV36	4670.-	3VJ9218-0UV36	4670.-	3VJ9417-0UV36	11125.-
	415V AC	–	–	3VJ9218-0UV37	5005.-	3VJ9218-0UV37	5005.-	3VJ9417-0UV37	11125.-

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

3VJ External accessories

NEW

Frame Size	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹
Accessory									
Extended Door Mounted Rotary Operator (Including 8UC handle)@	–	3VJ9018-0HD11	2255.-	3VJ9118-0HD11	2425.-	3VJ9218-0HD11	2840.-	3VJ9417-0HD11	3585.-
Spreader Links^	2P	3VJ9012-0ED00	200.-	3VJ9112-0ED00	220.-	3VJ9212-0ED00	670.-	–	–
	3P	3VJ9013-0ED00	335.-	3VJ9113-0ED00	355.-	3VJ9213-0ED00	1085.-	3VJ9313-0ED00	1890.-
	4P	3VJ9014-0ED00	440.-	3VJ9114-0ED00	460.-	3VJ9214-0ED00	1410.-	3VJ9314-0ED00	2670.-
Phase Barriers#	–	3VJ9018-0CA00	155.-	3VJ9218-0CA00	245.-	3VJ9218-0CA00	245.-	3VJ9417-0CA00	270.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	360.-	3VJ9116-0CJ30	425.-	3VJ9216-0CJ30	615.-	3VJ9413-0CJ30	765.-
	4P	3VJ9014-0CJ40	505.-	3VJ9114-0CJ40	540.-	3VJ9214-0CJ40	715.-	3VJ9414-0CJ40	940.-
Toggle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	610.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	5590.-	8UC60701YQ..	5590.-	8UC60701YQ..	5590.-	8UC60702YQ..	5740.-

Notes:

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

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

Available as a spare; 1 set contains 2 phase barriers

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

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

Std. Pkg. = 1 unit

* MRP - Max. Retail Price