



3VA moulded case circuit breakers

Discover the perfect system

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SIEMENS

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	11835.-	3VA1096-2ED42-0AA0	15345.-
		20	3VA1020-2ED32-0AA0	11835.-	3VA1020-2ED42-0AA0	15345.-
		25	3VA1025-2ED32-0AA0	11835.-	3VA1025-2ED42-0AA0	15345.-
		32	3VA1032-2ED32-0AA0	11835.-	3VA1032-2ED42-0AA0	15345.-
		40	3VA1040-2ED32-0AA0	11835.-	3VA1040-2ED42-0AA0	15345.-
		50	3VA1050-2ED32-0AA0	11835.-	3VA1050-2ED42-0AA0	15345.-
		63	3VA1063-2ED32-0AA0	11835.-	3VA1063-2ED42-0AA0	15345.-
		80	3VA1080-2ED32-0AA0	12945.-	3VA1080-2ED42-0AA0	16815.-
		100	3VA1010-2ED32-0AA0	14985.-	3VA1010-2ED42-0AA0	19515.-
3VA10	25kA	16	3VA1096-3ED32-0AA0	12155.-	3VA1096-3ED42-0AA0	15855.-
		20	3VA1020-3ED32-0AA0	12155.-	3VA1020-3ED42-0AA0	15855.-
		25	3VA1025-3ED32-0AA0	12155.-	3VA1025-3ED42-0AA0	15855.-
		32	3VA1032-3ED32-0AA0	12155.-	3VA1032-3ED42-0AA0	15855.-
		40	3VA1040-3ED32-0AA0	12155.-	3VA1040-3ED42-0AA0	15855.-
		50	3VA1050-3ED32-0AA0	12155.-	3VA1050-3ED42-0AA0	15855.-
		63	3VA1063-3ED32-0AA0	12155.-	3VA1063-3ED42-0AA0	15855.-
		80	3VA1080-3ED32-0AA0	13220.-	3VA1080-3ED42-0AA0	17200.-
		100	3VA1010-3ED32-0AA0	15585.-	3VA1010-3ED42-0AA0	19915.-
3VA11		125	3VA1112-3ED32-0AA0	26275.-	3VA1112-3ED42-0AA0	33480.-
		160	3VA1116-3ED32-0AA0	30005.-	3VA1116-3ED42-0AA0	39045.-
3VA10	36kA	16	3VA1096-4ED32-0AA0	12830.-	3VA1196-4GD42-0AA0	17750.-
		20	3VA1020-4ED32-0AA0	12830.-	3VA1120-4GD42-0AA0	17750.-
		25	3VA1025-4ED32-0AA0	12830.-	3VA1125-4GD42-0AA0	17750.-
		32	3VA1032-4ED32-0AA0	12830.-	3VA1132-4GD42-0AA0	17750.-
		40	3VA1040-4ED32-0AA0	12830.-	3VA1140-4GD42-0AA0	17750.-
		50	3VA1050-4ED32-0AA0	12830.-	3VA1150-4GD42-0AA0	17750.-
		63	3VA1063-4ED32-0AA0	12830.-	3VA1163-4GD42-0AA0	17750.-
		80	3VA1080-4ED32-0AA0	13460.-	3VA1180-4GD42-0AA0	19465.-
		100	3VA1010-4ED32-0AA0	16205.-	3VA1110-4GD42-0AA0	22485.-
3VA11		125	3VA1112-4ED32-0AA0	27995.-	3VA1112-4GD42-0AA0	36395.-
		160	3VA1116-4ED32-0AA0	32645.-	3VA1116-4GD42-0AA0	42445.-
3VA11	55kA	16	3VA1196-5ED32-0AA0	15035.-	3VA1196-5GD42-0AA0	19515.-
		20	3VA1120-5ED32-0AA0	15035.-	3VA1120-5GD42-0AA0	19515.-
		25	3VA1125-5ED32-0AA0	15035.-	3VA1125-5GD42-0AA0	19515.-
		32	3VA1132-5ED32-0AA0	15035.-	3VA1132-5GD42-0AA0	19515.-
		40	3VA1140-5ED32-0AA0	15035.-	3VA1140-5GD42-0AA0	19515.-
		50	3VA1150-5ED32-0AA0	15035.-	3VA1150-5GD42-0AA0	19515.-
		63	3VA1163-5ED32-0AA0	15320.-	3VA1163-5GD42-0AA0	19515.-
		80	3VA1180-5ED32-0AA0	16495.-	3VA1180-5GD42-0AA0	21430.-
		100	3VA1110-5ED32-0AA0	19095.-	3VA1110-5GD42-0AA0	24765.-
		125	3VA1112-5ED32-0AA0	30770.-	3VA1112-5GD42-0AA0	39985.-
		160	3VA1116-5ED32-0AA0	35875.-	3VA1116-5GD42-0AA0	46690.-

[^] 3VA1 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

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

SENTRON 3VA - Flying on the wings of technology

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	15430.-	3VA1196-3GE42-0AA0	22100.-
		20	3VA1120-3EE32-0AA0	15430.-	3VA1120-3GE42-0AA0	22100.-
		25	3VA1125-3EE32-0AA0	15430.-	3VA1125-3GE42-0AA0	22100.-
		32	3VA1132-3EE32-0AA0	15430.-	3VA1132-3GE42-0AA0	22100.-
		40	3VA1140-3EE32-0AA0	15430.-	3VA1140-3GE42-0AA0	22100.-
		50	3VA1150-3EE32-0AA0	15430.-	3VA1150-3GE42-0AA0	22100.-
		63	3VA1163-3EE32-0AA0	15430.-	3VA1163-3GE42-0AA0	22100.-
		80	3VA1180-3EE32-0AA0	15430.-	3VA1180-3GE42-0AA0	22100.-
		100	3VA1110-3EE32-0AA0	16495.-	3VA1110-3GE42-0AA0	22100.-
		125	3VA1112-3EE32-0AA0	27995.-	3VA1112-3GE42-0AA0	34475.-
3VA11	36kA	160	3VA1116-3EE32-0AA0	30885.-	3VA1116-3GE42-0AA0	40045.-
		16	3VA1196-4EE32-0AA0	19050.-	3VA1196-4GE42-0AA0	24935.-
		20	3VA1120-4EE32-0AA0	19050.-	3VA1120-4GE42-0AA0	24935.-
		25	3VA1125-4EE32-0AA0	19050.-	3VA1125-4GE42-0AA0	24935.-
		32	3VA1132-4EE32-0AA0	19050.-	3VA1132-4GE42-0AA0	24935.-
		40	3VA1140-4EE32-0AA0	19050.-	3VA1140-4GE42-0AA0	24935.-
		50	3VA1150-4EE32-0AA0	19050.-	3VA1150-4GE42-0AA0	24935.-
		63	3VA1163-4EE32-0AA0	19050.-	3VA1163-4GE42-0AA0	24935.-
		80	3VA1180-4EE32-0AA0	19050.-	3VA1180-4GE42-0AA0	24935.-
		100	3VA1110-4EE32-0AA0	19050.-	3VA1110-4GE42-0AA0	24935.-
3VA12		125	3VA1112-4EE32-0AA0	29315.-	3VA1112-4GE42-0AA0	37345.-
		160	3VA1116-4EE32-0AA0	33550.-	3VA1116-4GE42-0AA0	43545.-
		200	3VA1220-4EE32-0AA0	42325.-	3VA1220-4GE42-0AA0	52145.-
3VA13		250	3VA1225-4EE32-0AA0	44865.-	3VA1225-4GE42-0AA0	56330.-
		320	3VA1332-4EE32-0AA0	60165.-	3VA1332-4GE42-0AA0	77890.-
3VA14		400	3VA1340-4EE32-0AA0	60165.-	3VA1340-4GE42-0AA0	77890.-
		500	3VA1450-4EE32-0AA0	77650.-	3VA1450-4GE42-0AA0	100590.-
3VA11	55kA	630	3VA1463-4EE32-0AA0	77650.-	3VA1463-4GE42-0AA0	100590.-
		16	3VA1196-5EE32-0AA0	21705.-	3VA1196-5GE42-0AA0	27435.-
		20	3VA1120-5EE32-0AA0	21705.-	3VA1120-5GE42-0AA0	27435.-
		25	3VA1125-5EE32-0AA0	21705.-	3VA1125-5GE42-0AA0	27435.-
		32	3VA1132-5EE32-0AA0	21705.-	3VA1132-5GE42-0AA0	27435.-
		40	3VA1140-5EE32-0AA0	21705.-	3VA1140-5GE42-0AA0	27435.-
		50	3VA1150-5EE32-0AA0	21705.-	3VA1150-5GE42-0AA0	27435.-
		63	3VA1163-5EE32-0AA0	21705.-	3VA1163-5GE42-0AA0	27435.-
		80	3VA1180-5EE32-0AA0	21705.-	3VA1180-5GE42-0AA0	27435.-
		100	3VA1110-5EE32-0AA0	21705.-	3VA1110-5GE42-0AA0	27435.-
3VA12		125	3VA1112-5EE32-0AA0	34090.-	3VA1112-5GE42-0AA0	40945.-
		160	3VA1116-5EE32-0AA0	36880.-	3VA1116-5GE42-0AA0	47600.-
		200	3VA1220-5EE32-0AA0	44070.-	3VA1220-5GE42-0AA0	53825.-
3VA13		250	3VA1225-5EE32-0AA0	46725.-	3VA1225-5GE42-0AA0	59200.-
		320	3VA1332-5EE32-0AA0	68605.-	3VA1332-5GE42-0AA0	85940.-
3VA14		400	3VA1340-5EE32-0AA0	68605.-	3VA1340-5GE42-0AA0	85940.-
		500	3VA1450-5EE32-0AA0	88730.-	3VA1450-5GE42-0AA0	110845.-
3VA15		630	3VA1463-5EE32-0AA0	88730.-	3VA1463-5GE42-0AA0	110845.-
		800*	3VA1580-5EF32-0AA0	132560.-	3VA1580-5GF42-0AA0	171790.-
3VA11	70kA	1000*	3VA1510-5EF32-0AA0	185190.-	3VA1510-5GF42-0AA0	240310.-
		16	3VA1196-6EE32-0AA0	29700.-	3VA1196-6GE42-0AA0	37330.-
		20	3VA1120-6EE32-0AA0	29700.-	3VA1120-6GE42-0AA0	37330.-
		25	3VA1125-6EE32-0AA0	29700.-	3VA1125-6GE42-0AA0	37330.-
		32	3VA1132-6EE32-0AA0	29700.-	3VA1132-6GE42-0AA0	37330.-
		40	3VA1140-6EE32-0AA0	29700.-	3VA1140-6GE42-0AA0	37330.-
		50	3VA1150-6EE32-0AA0	29700.-	3VA1150-6GE42-0AA0	37330.-
		63	3VA1163-6EE32-0AA0	29700.-	3VA1163-6GE42-0AA0	37330.-
		80	3VA1180-6EE32-0AA0	29700.-	3VA1180-6GE42-0AA0	37330.-
		100	3VA1110-6EE32-0AA0	29700.-	3VA1110-6GE42-0AA0	37330.-
3VA12		125	3VA1112-6EE32-0AA0	55225.-	3VA1112-6GE42-0AA0	59215.-
		160	3VA1116-6EE32-0AA0	55225.-	3VA1116-6GE42-0AA0	59215.-
		200	3VA1220-6EE32-0AA0	59435.-	3VA1220-6GE42-0AA0	76480.-
3VA13		250	3VA1225-6EE32-0AA0	66610.-	3VA1225-6GE42-0AA0	76480.-
		320	3VA1332-6EE32-0AA0	75195.-	3VA1332-6GE42-0AA0	97210.-
3VA14		400	3VA1340-6EE32-0AA0	75195.-	3VA1340-6GE42-0AA0	97210.-
		500	3VA1450-6EE32-0AA0	106890.-	3VA1450-6GE42-0AA0	138585.-
3VA15		630	3VA1463-6EE32-0AA0	106890.-	3VA1463-6GE42-0AA0	138585.-
		800*	3VA1580-6EF32-0AA0	145975.-	3VA1580-6GF42-0AA0	189170.-
		1000*	3VA1510-6EF32-0AA0	203560.-	3VA1510-6GF42-0AA0	264625.-

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	POR	3VA1225-4GF42-0AA0	POR
3VA13		320	3VA1332-4EF32-0AA0		3VA1332-4GF42-0AA0	
3VA14		400	3VA1340-4EF32-0AA0		3VA1340-4GF42-0AA0	
		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	
		500	3VA1450-5EF32-0AA0		3VA1450-5GF42-0AA0	
3VA14		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	
		500	3VA1450-6EF32-0AA0		3VA1450-6GF42-0AA0	
3VA14		630	3VA1463-6EF32-0AA0		3VA1463-6GF42-0AA0	

For lower ratings, please contact your nearest Siemens 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*	19960.-	3VA1181-6MG32-0AA0*	24515.-
	2	3VA1102-5MG32-0AA0*	19960.-	3VA1102-6MG32-0AA0*	24515.-
	4	3VA1104-5MG32-0AA0*	19960.-	3VA1104-6MG32-0AA0*	24515.-
	8	3VA1108-5MG32-0AA0*	19960.-	3VA1108-6MG32-0AA0*	24515.-
	12.5	3VA1192-5MG32-0AA0*	19960.-	3VA1192-6MG32-0AA0*	24515.-
	20	3VA1120-5MH32-0AA0	19960.-	3VA1120-6MH32-0AA0	24515.-
	32	3VA1132-5MH32-0AA0	23845.-	3VA1132-6MH32-0AA0	25695.-
	40	3VA1140-5MH32-0AA0	23845.-	3VA1140-6MH32-0AA0	25695.-
	50	3VA1150-5MH32-0AA0	23845.-	3VA1150-6MH32-0AA0	25695.-
	63	3VA1163-5MH32-0AA0	23845.-	3VA1163-6MH32-0AA0	25695.-
	80	3VA1180-5MH32-0AA0	23845.-	3VA1180-6MH32-0AA0	25695.-
	100	3VA1110-5MH32-0AA0	23845.-	3VA1110-6MH32-0AA0	25695.-
	125	3VA1112-5MH32-0AA0	34205.-	3VA1112-6MH32-0AA0	36970.-
3VA12	160	3VA1216-5MH32-0AA0	35890.-	3VA1216-6MH32-0AA0	51145.-
	200	3VA1220-5MH32-0AA0	49360.-	3VA1220-6MH32-0AA0	60575.-
3VA13	250	3VA1325-5MH32-0AA0	53860.-	3VA1325-6MH32-0AA0	61305.-
	320	3VA1332-5MH32-0AA0	73910.-	3VA1332-6MH32-0AA0	84225.-
3VA14	400	3VA1440-5MH32-0AA0	84605.-	3VA1440-6MH32-0AA0	88400.-
	500	3VA1450-5MH32-0AA0	97395.-	3VA1450-6MH32-0AA0	110580.-
3VA15	630	3VA1563-5MH32-0AA0	112280.-	3VA1563-6MH32-0AA0	122320.-
	800	3VA1580-5MH32-0AA0	149145.-	3VA1580-6MH32-0AA0	164230.-

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

& Fixed magnetic trip unit

SETRON 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	16750.-	3VA1163-1AA42-0AA0	24755.-
		100	3VA1110-1AA32-0AA0	16750.-	3VA1110-1AA42-0AA0	24755.-
		125	3VA1112-1AA32-0AA0	34270.-	3VA1112-1AA42-0AA0	45690.-
		160	3VA1116-1AA32-0AA0	34270.-	3VA1116-1AA42-0AA0	45690.-
3VA12	NA	250	3VA1225-1AA32-0AA0	34270.-	3VA1225-1AA42-0AA0	45690.-
3VA13	NA	400	3VA1340-1AA32-0AA0	44200.-	3VA1340-1AA42-0AA0	57475.-

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	- Auxiliary voltage: 85-270V AC/DC - Change over contact: 2C/O - Width: 35mm module	7UG0861-1BU20	6400.-
CBCT for EFR: 160 frame	3P	7UG09910	2210.-
Suitable for 3VA1 up to 160A	4P	7UG09911	2520.-
CBCT for EFR: 250 frame	3P	7UG09912	2665.-
Suitable for 3VA1 250A, 3VA2 up to 160A/250A	4P	7UG09913	3145.-
CBCT for EFR: 630 frame	3P	7UG09914	3930.-
Suitable for 3VA1/3VA2 400A/ 630A	4P	7UG09915	4255.-



Earth leakage monitoring relay

Description		Type	Unit LP* ₹
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20	6190.-
	230VAC	7UG0842-1CD20	6255.-
CBCT for ELR	35 mm dia	7UG0996	2250.-
	70 mm dia	7UG0997	2575.-
	120 mm dia	7UG0999	4385.-
	210 mm dia	7UG0994	8435.-
	310 mm dia	7UG0995	12570.-



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.

Inbuilt
in ETU5

www.siemens.co.in

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



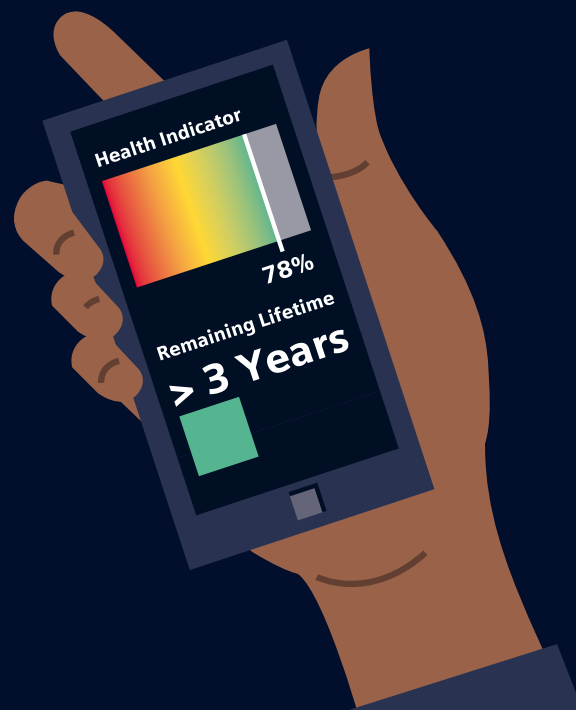
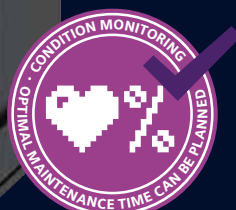
Reduced time and costs for maintenance



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 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	36330.-	3VA2025-4HL42-0AA0	46840.-
		40	3VA2040-4HL32-0AA0	36330.-	3VA2040-4HL42-0AA0	46840.-
		63	3VA2063-4HL32-0AA0	36330.-	3VA2063-4HL42-0AA0	46840.-
		100	3VA2010-4HL32-0AA0	36330.-	3VA2010-4HL42-0AA0	46840.-
3VA21		160	3VA2116-4HL32-0AA0	49120.-	3VA2116-4HL42-0AA0	68555.-
3VA22		250	3VA2225-4HL32-0AA0	67410.-	3VA2225-4HL42-0AA0	91405.-
3VA23		400	3VA2340-4HL32-0AA0	90065.-	3VA2340-4HL42-0AA0	118545.-
3VA24		630	3VA2463-4HL32-0AA0	93635.-	3VA2463-4HL42-0AA0	124075.-
3VA20	55kA	25	3VA2025-5HL32-0AA0	46205.-	3VA2025-5HL42-0AA0	63290.-
		40	3VA2040-5HL32-0AA0	46205.-	3VA2040-5HL42-0AA0	63290.-
		63	3VA2063-5HL32-0AA0	46205.-	3VA2063-5HL42-0AA0	63290.-
		100	3VA2010-5HL32-0AA0	46205.-	3VA2010-5HL42-0AA0	63290.-
3VA21		160	3VA2116-5HL32-0AA0	58560.-	3VA2116-5HL42-0AA0	75835.-
3VA22		250	3VA2225-5HL32-0AA0	76515.-	3VA2225-5HL42-0AA0	101025.-
3VA23		400	3VA2340-5HL32-0AA0	97110.-	3VA2340-5HL42-0AA0	127265.-
3VA24		630	3VA2463-5HL32-0AA0	119290.-	3VA2463-5HL42-0AA0	133220.-
3VA25		800	3VA2580-5HL32-0AA0	174425.-	3VA2580-5HL42-0AA0	223125.-
		1000	3VA2510-5HL32-0AA0	231120.-	3VA2510-5HL42-0AA0	308550.-
3VA26		1250	3VA2612-5HL32-0AA0	327680.-	3VA2612-5HL42-0AA0	437560.-
3VA20	85kA	25	3VA2025-6HL32-0AA0	60400.-	3VA2025-6HL42-0AA0	74830.-
		40	3VA2040-6HL32-0AA0	60400.-	3VA2040-6HL42-0AA0	74830.-
		63	3VA2063-6HL32-0AA0	60400.-	3VA2063-6HL42-0AA0	74830.-
		100	3VA2010-6HL32-0AA0	60400.-	3VA2010-6HL42-0AA0	74830.-
3VA21		160	3VA2116-6HL32-0AA0	79200.-	3VA2116-6HL42-0AA0	101105.-
3VA22		250	3VA2225-6HL32-0AA0	87960.-	3VA2225-6HL42-0AA0	128095.-
3VA23		400	3VA2340-6HL32-0AA0	110375.-	3VA2340-6HL42-0AA0	144935.-
3VA24		630	3VA2463-6HL32-0AA0	131860.-	3VA2463-6HL42-0AA0	175945.-
3VA25		800	3VA2580-6HL32-0AA0	191770.-	3VA2580-6HL42-0AA0	255085.-
		1000	3VA2510-6HL32-0AA0	264310.-	3VA2510-6HL42-0AA0	352810.-
3VA26		1250	3VA2612-6HL32-0AA0	374490.-	3VA2612-6HL42-0AA0	501275.-

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	50040.-	3VA2025-4HM42-0AA0	61690.-
		40	3VA2040-4HM32-0AA0	50040.-	3VA2040-4HM42-0AA0	61690.-
		63	3VA2063-4HM32-0AA0	50040.-	3VA2063-4HM42-0AA0	61690.-
		100	3VA2010-4HM32-0AA0	50040.-	3VA2010-4HM42-0AA0	61690.-
3VA21		160	3VA2116-4HM32-0AA0	63290.-	3VA2116-4HM42-0AA0	78825.-
3VA22		250	3VA2225-4HM32-0AA0	79990.-	3VA2225-4HM42-0AA0	100545.-
3VA23		400	3VA2340-4HM32-0AA0	107580.-	3VA2340-4HM42-0AA0	135690.-
3VA24		630	3VA2463-4HM32-0AA0	118335.-	3VA2463-4HM42-0AA0	149235.-
3VA20	55kA	25	3VA2025-5HM32-0AA0	57040.-	3VA2025-5HM42-0AA0	65360.-
		40	3VA2040-5HM32-0AA0	57040.-	3VA2040-5HM42-0AA0	65360.-
		63	3VA2063-5HM32-0AA0	57040.-	3VA2063-5HM42-0AA0	65360.-
		100	3VA2010-5HM32-0AA0	58215.-	3VA2010-5HM42-0AA0	68315.-
3VA21		160	3VA2116-5HM32-0AA0	78430.-	3VA2116-5HM42-0AA0	94115.-
3VA22		250	3VA2225-5HM32-0AA0	95645.-	3VA2225-5HM42-0AA0	119375.-
3VA23		400	3VA2340-5HM32-0AA0	115495.-	3VA2340-5HM42-0AA0	145685.-
3VA24		630	3VA2463-5HM32-0AA0	127070.-	3VA2463-5HM42-0AA0	160225.-
3VA25		800	3VA2580-5HM32-0AA0	184395.-	3VA2580-5HM42-0AA0	239725.-
		1000	3VA2510-5HM32-0AA0	247715.-	3VA2510-5HM42-0AA0	325155.-
3VA26		1250	3VA2612-5HM32-0AA0	346530.-	3VA2612-5HM42-0AA0	457715.-
3VA20	85kA	25	3VA2025-6HM32-0AA0	71220.-	3VA2025-6HM42-0AA0	86615.-
		40	3VA2040-6HM32-0AA0	71220.-	3VA2040-6HM42-0AA0	86615.-
		63	3VA2063-6HM32-0AA0	71220.-	3VA2063-6HM42-0AA0	86615.-
		100	3VA2010-6HM32-0AA0	71220.-	3VA2010-6HM42-0AA0	86615.-
3VA21		160	3VA2116-6HM32-0AA0	90740.-	3VA2116-6HM42-0AA0	113895.-
3VA22		250	3VA2225-6HM32-0AA0	106270.-	3VA2225-6HM42-0AA0	149100.-
3VA23		400	3VA2340-6HM32-0AA0	128765.-	3VA2340-6HM42-0AA0	163325.-
3VA24		630	3VA2463-6HM32-0AA0	141635.-	3VA2463-6HM42-0AA0	179675.-
3VA25		800	3VA2580-6HM32-0AA0	207760.-	3VA2580-6HM42-0AA0	271685.-
		1000	3VA2510-6HM32-0AA0	280290.-	3VA2510-6HM42-0AA0	369405.-
3VA26		1250	3VA2612-6HM32-0AA0	393995.-	3VA2612-6HM42-0AA0	521420.-

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)	3VA9988-0AA12 (1 C/O)	2705.-	3VA9988-0AA12 (1 C/O)	2705.-
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)	4180.-	3VA9988-0AB12 (1 C/O)	4180.-
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)	2230.- 2230.-	-	-
Electrical alarm switches (EAS) for 3VA2 Only	-	-	3VA9988-0AB22	2230.-
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	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	6400.-	3VA9908-0BB24 3VA9908-0BB25 3VA9908-0BB26	6400.-
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	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	4820.-	3VA9988-0BA22 3VA9988-0BA23 3VA9988-0BA24	4820.-
Shunt release left (STL)				
110-127 V AC 50/60 Hz 208-277 V AC 50/60 Hz 380-500 V AC 50/60 Hz	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	4820.-	3VA9988-0BL32 3VA9988-0BL33 3VA9988-0BL20	4820.-
Extended Door Mounted Rotary Operator (including 8UC handle)	3VA9157-0FK51 (for 3VA10/ 11 100A/160A) 3VA9257-0FK51 (for 3VA12 250A) 3VA9467-0FK51 (for 3VA13/ 14 400/ 630A)	3155.- 3320.- 5200.-	3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A) -	3320.- 5200.-
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)	13825.-	3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)	13825.-
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)	8250.- 9075.- 11535.- 15180.-	3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)	9075.- 11535.- 15180.-
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC60701YQ.. 3VA10/ 11 (100A/ 160A) 8UC60701YQ.. 3VA12 (250A)	6470.- 6470.-	8UC60701YQ.. 3VA20/ 21/ 22 (100A/ 160A/ 250A) 8UC60701YQ.. 3VA23/ 24 (400A/ 630A)	6470.- 6470.-
Sliding Bar Interlock (for same size breakers with Toggle Lever)	3VA9158-0VF30 (for 3VA10/ 11 100A/160A) 3VA9258-0VF30 (for 3VA12 250A) 3VA9368-0VF30 (for 3VA13/ 14 400A/ 630A)	8250.- 8565.- 9675.-	3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)	9075.- 9675.-
Locking device for breaker with Toggle lever	3VA9088-0LB10 (3VA10/ 11/ 12 100A/ 160A/ 250A) 3VA9388-0LB10 (for 3VA13/ 14 400A/ 630A) 3VA9588-0LB10 (3VA15 800/ 1000A)	2520.- 3320.- 7165.-	3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)	3320.- 7165.-
Motorised drive - (Motorised operator - MO) 110-230V AC/ 110-250VDC	3VA9157-0HA20 (for 3VA11 160A) 3VA9257-0HA20 (for 3VA12 250A) 3VA9467-0HA20 (for 3VA13/ 14 400A/ 630A)	27695.- 36245.- 42795.-	3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)	36245.- 42795.-
Spreader links - Broadened (with phase barriers)	3VA9153-0QC50 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9154-0QC50 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9253-0QC50 (for 3pole, 3VA12 250A) 3VA9254-0QC50 (for 4pole, 3VA12 250A) 3VA9483-0QC50 (for 3pole 3VA13/ 14 400A/ 630A) 3VA9484-0QC50 (for 4pole 3VA13/ 14 400A/ 630A)	1330.- 1695.- 1655.- 2200.- 2220.- 2875.-	3VA9263-0QC50 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9264-0QC50 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9483-0QC50 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9484-0QC50 (for 4pole, 3VA23/ 24 400A/ 630A)	1790.- 2335.- 2220.- 2875.-
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)	7600.- 10150.-	3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)	7600.- 10150.-
Rear Terminals - Flat 1 set = 2 short + 1 Long (3pole) / 2 short + 2 Long (4pole)	3VA9113-0QE00 (for 3pole, 3VA10/ 11 100A/ 160A) 3VA9114-0QE00 (for 4pole, 3VA10/ 11 100A/ 160A) 3VA9213-0QE00 (for 3pole, 3VA12 250A) 3VA9214-0QE00 (for 4pole, 3VA12 250A) 3VA9403-0QE00 (for 3pole, 3VA13/ 14 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA13/ 14 400A/ 630A)	2830.- 3825.- 3615.- 4840.- 5870.- 7830.-	3VA9203-0QE00 (for 3pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9204-0QE00 (for 4pole, 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9403-0QE00 (for 3pole, 3VA23/ 24 400A/ 630A) 3VA9404-0QE00 (for 4pole, 3VA23/ 24 400A/ 630A)	3615.- 5840.- 5870.- 7830.-
Phase Barriers (1 set = 2 phase barriers)	3VA9152-0WA00 (for 3VA10/ 11 100A/ 160A) 3VA9252-0WA00 (for 3VA12 250A) 3VA9482-0WA00 (for 3VA13/ 14 400A/ 630A) 3VA9602-0WA00 (for 3VA15 800A/ 1000A)	540.- 540.- 1270.- 1275.-	3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)	540.- 1270.- 1275.-
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)	POR	8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)	POR

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, please contact your nearest Siemens Sales Office.

For side mounted handles please contact your nearest Siemens 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

POR: Price On Request



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/ LSI 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 ⁵ (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	349880.-	3VA2712-5AB13-0AA0	470590.-
		1600	3VA2716-5AB03-0AA0	484230.-	3VA2716-5AB13-0AA0	651635.-
	85kA	1250	3VA2712-6AB03-0AA0	384365.-	3VA2712-6AB13-0AA0	517275.-
		1600	3VA2716-6AB03-0AA0	531645.-	3VA2716-6AB13-0AA0	716290.-

SENTRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSI, Ics = 100% Icu, 415VAC, 50Hz ⁵ (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	378620.-	3VA2712-5AD13-0AA0	498600.-
		1600	3VA2716-5AD03-0AA0	512245.-	3VA2716-5AD13-0AA0	679645.-
	85kA	1250	3VA2712-6AD03-0AA0	412385.-	3VA2712-6AD13-0AA0	546015.-
		1600	3VA2716-6AD03-0AA0	559675.-	3VA2716-6AD13-0AA0	747175.-

Accessories for 3VA27

	Description	Type	Unit LP* ₹	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	6245.-	1
	Alarm switch (TAS)	3VW9011-0AH14	3080.-	1
	Shunt release (ST)			
	110-120 V AC 50/60 HZ 220-240 V AC 50/60 HZ	3VW9011-0AD05 3VW9011-0AD07	14360.-	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	15545.-	1
	Extended Door Mounted Rotary Operator [^] (Standard - Gray)	3VW9727-0FK21	13825.-	1

⁵ 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 contact your nearest Siemens Sales Office for more Auxiliary combinations & choice of accessories

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



One system. Worldwide application.

The 3VA moulded case circuit breaker with UL certification

We have good news for machine and switchgear manufacturers who export worldwide: The 3VA5 and 3VA6 series of our 3VA moulded case circuit breakers with UL certification comply with the UL 489 standard as well as the IEC 60947 standard. All the functionalities of this modular and highly variable moulded case circuit breaker system can be used in plants that are operated, for example, in North America or Europe. The 3VA moulded case circuit breaker: One system. Worldwide application.

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3VM moulded case circuit breaker

Efficient. Powerful.

- Rated current: 16A to 630A
- 1 pole, 2 pole, 3 pole & 4 pole options
- Breaking Capacity: 16kA to 55kA
- Fixed mounted, Plug-in version available
- Thermal Magnetic Trip Units (FTFM, ATFM, FM & AM)
- Available up to 500Vac / 500Vdc applications
- Universal platform of accessories across all sizes
- Type-2 coordination chart available for motor application

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Certifications:

- Lloyd's Register (LR)
- Det Norske Veritas (DNV)
- Bureau Veritas (BV)
- American Bureau of Shipping (ABS)
- Russian Maritime Register of Shipping (RMRS)
- UK Declaration of Conformity
- EU Declaration of Conformity

SIEMENS

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	3VM1096-2ED32-0AA0	10525.-	3VM1096-2ED42-0AA0	13640.-
		20	3VM1020-2ED32-0AA0	10525.-	3VM1020-2ED42-0AA0	13640.-
		25	3VM1025-2ED32-0AA0	10525.-	3VM1025-2ED42-0AA0	13640.-
		32	3VM1032-2ED32-0AA0	10525.-	3VM1032-2ED42-0AA0	13640.-
		40	3VM1040-2ED32-0AA0	10525.-	3VM1040-2ED42-0AA0	13640.-
		50	3VM1050-2ED32-0AA0	10525.-	3VM1050-2ED42-0AA0	13640.-
		63	3VM1063-2ED32-0AA0	10525.-	3VM1063-2ED42-0AA0	13640.-
		80	3VM1080-2ED32-0AA0	11500.-	3VM1080-2ED42-0AA0	14935.-
		100	3VM1010-2ED32-0AA0	12480.-	3VM1010-2ED42-0AA0	16260.-
3VM10	25kA	16	3VM1096-3ED32-0AA0	10905.-	3VM1096-3ED42-0AA0	14240.-
		20	3VM1020-3ED32-0AA0	10905.-	3VM1020-3ED42-0AA0	14240.-
		25	3VM1025-3ED32-0AA0	10905.-	3VM1025-3ED42-0AA0	14240.-
		32	3VM1032-3ED32-0AA0	10905.-	3VM1032-3ED42-0AA0	14240.-
		40	3VM1040-3ED32-0AA0	10905.-	3VM1040-3ED42-0AA0	14240.-
		50	3VM1050-3ED32-0AA0	10905.-	3VM1050-3ED42-0AA0	14240.-
		63	3VM1063-3ED32-0AA0	10905.-	3VM1063-3ED42-0AA0	14240.-
		80	3VM1080-3ED32-0AA0	11875.-	3VM1080-3ED42-0AA0	15445.-
		100	3VM1010-3ED32-0AA0	12750.-	3VM1010-3ED42-0AA0	16595.-
		3VM11		125	3VM1112-3ED32-0AA0	16345.-
160	3VM1116-3ED32-0AA0			21320.-	3VM1116-3ED42-0AA0	27000.-

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	Unit LP* ₹	4 Pole Type	Unit LP* ₹
3VM11	36kA	16	3VM1196-4ED32-0AA0	11505.-	3VM1196-4GD42-0AA0	15930.-
		20	3VM1120-4ED32-0AA0	11505.-	3VM1120-4GD42-0AA0	15930.-
		25	3VM1125-4ED32-0AA0	11505.-	3VM1125-4GD42-0AA0	15930.-
		32	3VM1132-4ED32-0AA0	11505.-	3VM1132-4GD42-0AA0	15930.-
		40	3VM1140-4ED32-0AA0	11505.-	3VM1140-4GD42-0AA0	15930.-
		50	3VM1150-4ED32-0AA0	11505.-	3VM1150-4GD42-0AA0	15930.-
		63	3VM1163-4ED32-0AA0	11505.-	3VM1163-4GD42-0AA0	15930.-
		80	3VM1180-4ED32-0AA0	12085.-	3VM1180-4GD42-0AA0	17470.-
		100	3VM1110-4ED32-0AA0	14025.-	3VM1110-4GD42-0AA0	20190.-
		125	3VM1112-4ED32-0AA0	24620.-	3VM1112-4GD42-0AA0	32005.-
		160	3VM1116-4ED32-0AA0	27195.-	3VM1116-4GD42-0AA0	35365.-
3VM12	200	3VM1220-4ED32-0AA0	29220.-	3VM1220-4GD42-0AA0	36165.-	
	250	3VM1225-4ED32-0AA0	38970.-	3VM1225-4GD42-0AA0	45920.-	
3VM13	320	3VM1332-4ED32-0AA0	52870.-	3VM1332-4GD42-0AA0	65370.-	
	400	3VM1340-4ED32-0AA0	54260.-	3VM1340-4GD42-0AA0	66770.-	
3VM14	500	3VM1450-4ED32-0AA0	59690.-	3VM1450-4GD42-0AA0	72205.-	
	630	3VM1463-4ED32-0AA0	59690.-	3VM1463-4GD42-0AA0	72205.-	

^ 3VM11 TMTU up to 160A, please contact your nearest Siemens Sales Office for more details.

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

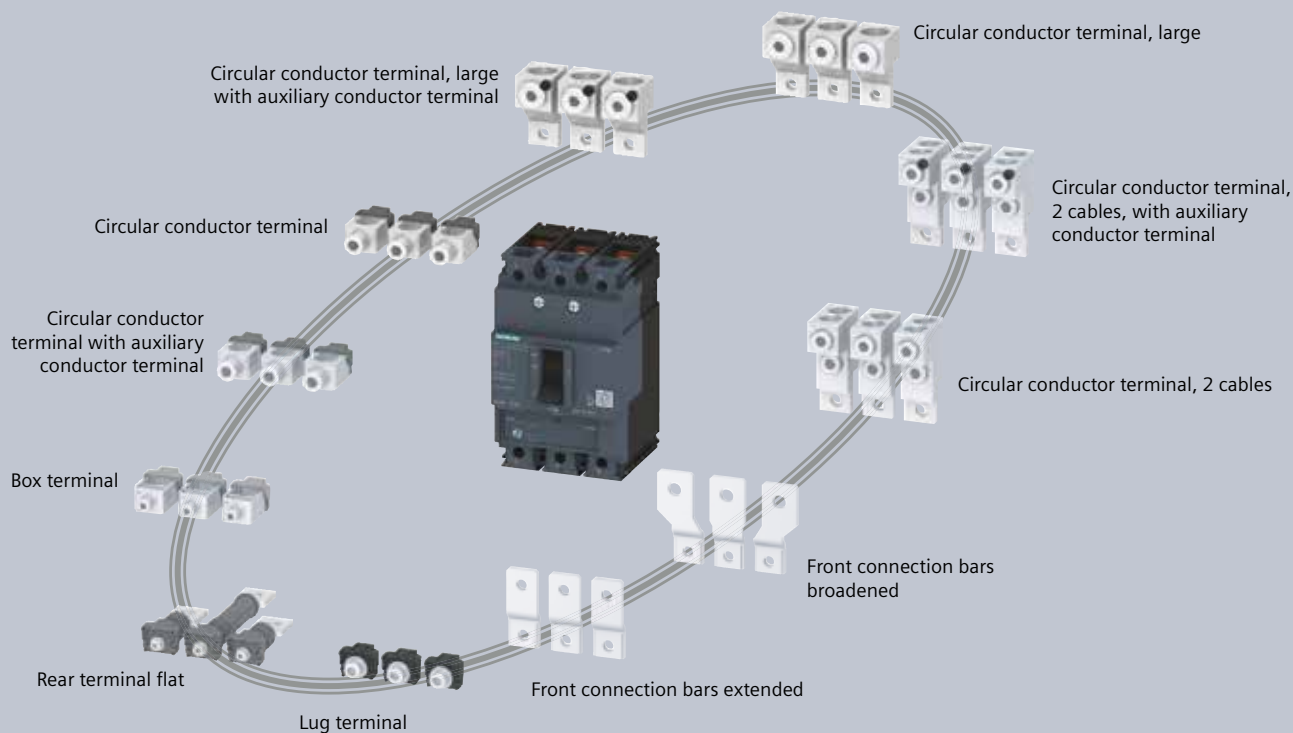
* LP - List Price

® MRP - Max. Retail Price

SETRON 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	3VM1196-5ED32-0AA0	13230.-	3VM1196-5GD42-0AA0	17160.-
		20	3VM1120-5ED32-0AA0	13230.-	3VM1120-5GD42-0AA0	17160.-
		25	3VM1125-5ED32-0AA0	13230.-	3VM1125-5GD42-0AA0	17160.-
		32	3VM1132-5ED32-0AA0	13230.-	3VM1132-5GD42-0AA0	17160.-
		40	3VM1140-5ED32-0AA0	13230.-	3VM1140-5GD42-0AA0	17160.-
		50	3VM1150-5ED32-0AA0	13230.-	3VM1150-5GD42-0AA0	17160.-
		63	3VM1163-5ED32-0AA0	13230.-	3VM1163-5GD42-0AA0	17160.-
		80	3VM1180-5ED32-0AA0	14495.-	3VM1180-5GD42-0AA0	18840.-
		100	3VM1110-5ED32-0AA0	16790.-	3VM1110-5GD42-0AA0	21795.-
		125	3VM1112-5ED32-0AA0	27055.-	3VM1112-5GD42-0AA0	35175.-
		160	3VM1116-5ED32-0AA0	29890.-	3VM1116-5GD42-0AA0	38890.-
3VM12	55kA	200	3VM1220-5ED32-0AA0	32335.-	3VM1220-5GD42-0AA0	40970.-
		250	3VM1225-5ED32-0AA0	42085.-	3VM1225-5GD42-0AA0	50730.-
3VM13		320	3VM1332-5ED32-0AA0	57330.-	3VM1332-5GD42-0AA0	68815.-
		400	3VM1340-5ED32-0AA0	58740.-	3VM1340-5GD42-0AA0	70220.-
3VM14		500	3VM1450-5ED32-0AA0	64150.-	3VM1450-5GD42-0AA0	75640.-
		630	3VM1463-5ED32-0AA0	64150.-	3VM1463-5GD42-0AA0	75640.-

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	3VM1196-3EE32-0AA0	12955.-	3VM1196-3GE42-0AA0	19525.-
		20	3VM1120-3EE32-0AA0	12955.-	3VM1120-3GE42-0AA0	19525.-
		25	3VM1125-3EE32-0AA0	12955.-	3VM1125-3GE42-0AA0	19525.-
		32	3VM1132-3EE32-0AA0	12955.-	3VM1132-3GE42-0AA0	19525.-
		40	3VM1140-3EE32-0AA0	12955.-	3VM1140-3GE42-0AA0	19525.-
		50	3VM1150-3EE32-0AA0	12955.-	3VM1150-3GE42-0AA0	19525.-
		63	3VM1163-3EE32-0AA0	12955.-	3VM1163-3GE42-0AA0	19525.-
		80	3VM1180-3EE32-0AA0	12955.-	3VM1180-3GE42-0AA0	19525.-
		100	3VM1110-3EE32-0AA0	12955.-	3VM1110-3GE42-0AA0	19525.-
		125	3VM1112-3EE32-0AA0	16720.-	3VM1112-3GE42-0AA0	22880.-
		160	3VM1116-3EE32-0AA0	23005.-	3VM1116-3GE42-0AA0	29285.-
3VM11	36kA	16	3VM1196-4EE32-0AA0	16760.-	3VM1196-4GE42-0AA0	21930.-
		20	3VM1120-4EE32-0AA0	16760.-	3VM1120-4GE42-0AA0	21930.-
		25	3VM1125-4EE32-0AA0	16760.-	3VM1125-4GE42-0AA0	21930.-
		32	3VM1132-4EE32-0AA0	16760.-	3VM1132-4GE42-0AA0	21930.-
		40	3VM1140-4EE32-0AA0	16760.-	3VM1140-4GE42-0AA0	21930.-
		50	3VM1150-4EE32-0AA0	16760.-	3VM1150-4GE42-0AA0	21930.-
		63	3VM1163-4EE32-0AA0	16760.-	3VM1163-4GE42-0AA0	21930.-
		80	3VM1180-4EE32-0AA0	16760.-	3VM1180-4GE42-0AA0	21930.-
		100	3VM1110-4EE32-0AA0	16760.-	3VM1110-4GE42-0AA0	21930.-
		125	3VM1112-4EE32-0AA0	25790.-	3VM1112-4GE42-0AA0	32845.-
		160	3VM1116-4EE32-0AA0	27945.-	3VM1116-4GE42-0AA0	36280.-
3VM12	36kA	200	3VM1220-4EE32-0AA0	40420.-	3VM1220-4GE42-0AA0	47170.-
250		3VM1225-4EE32-0AA0	40420.-	3VM1225-4GE42-0AA0	47170.-	
3VM13		320	3VM1332-4EE32-0AA0	54110.-	3VM1332-4GE42-0AA0	66245.-
400		3VM1340-4EE32-0AA0	54610.-	3VM1340-4GE42-0AA0	66245.-	
3VM14		500	3VM1450-4EE32-0AA0	61810.-	3VM1450-4GE42-0AA0	73940.-
630		3VM1463-4EE32-0AA0	61810.-	3VM1463-4GE42-0AA0	73940.-	
3VM11	55kA	16	3VM1196-5EE32-0AA0	19095.-	3VM1196-5GE42-0AA0	24125.-
		20	3VM1120-5EE32-0AA0	19095.-	3VM1120-5GE42-0AA0	24125.-
		25	3VM1125-5EE32-0AA0	19095.-	3VM1125-5GE42-0AA0	24125.-
		32	3VM1132-5EE32-0AA0	19095.-	3VM1132-5GE42-0AA0	24125.-
		40	3VM1140-5EE32-0AA0	19095.-	3VM1140-5GE42-0AA0	24125.-
		50	3VM1150-5EE32-0AA0	19095.-	3VM1150-5GE42-0AA0	24125.-
		63	3VM1163-5EE32-0AA0	19095.-	3VM1163-5GE42-0AA0	24125.-
		80	3VM1180-5EE32-0AA0	19095.-	3VM1180-5GE42-0AA0	24125.-
		100	3VM1110-5EE32-0AA0	19095.-	3VM1110-5GE42-0AA0	24125.-
		125	3VM1112-5EE32-0AA0	29975.-	3VM1112-5GE42-0AA0	36010.-
		160	3VM1116-5EE32-0AA0	30735.-	3VM1116-5GE42-0AA0	39660.-
3VM12	55kA	200	3VM1220-5EE32-0AA0	43440.-	3VM1220-5GE42-0AA0	51830.-
250		3VM1225-5EE32-0AA0	43440.-	3VM1225-5GE42-0AA0	51830.-	
3VM13		320	3VM1332-5EE32-0AA0	58445.-	3VM1332-5GE42-0AA0	69585.-
3VM14	55kA	400	3VM1340-5EE32-0AA0	58990.-	3VM1340-5GE42-0AA0	69585.-
		500	3VM1450-5EE32-0AA0	66130.-	3VM1450-5GE42-0AA0	77275.-
		630	3VM1463-5EE32-0AA0	66130.-	3VM1463-5GE42-0AA0	77275.-

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⁾	3VM1108-5MG32-0AA0	16630.-
	12.5 ¹⁾	3VM1192-5MG32-0AA0	16630.-
	20	3VM1120-5MH32-0AA0	16630.-
	32	3VM1132-5MH32-0AA0	19870.-
	40	3VM1140-5MH32-0AA0	19870.-
	50	3VM1150-5MH32-0AA0	19870.-
	63	3VM1163-5MH32-0AA0	19870.-
	80	3VM1180-5MH32-0AA0	19870.-
	100	3VM1110-5MH32-0AA0	19870.-
	125	3VM1112-5MH32-0AA0	29575.-
3VM12	160	3VM1216-5MH32-0AA0	29575.-
	200	3VM1220-5MH32-0AA0	44865.-
3VM13	250	3VM1325-5MH32-0AA0	44865.-
	320	3VM1332-5MH32-0AA0	64290.-
3VM14	400	3VM1440-5MH32-0AA0	64290.-
	500	3VM1450-5MH32-0AA0	71255.-



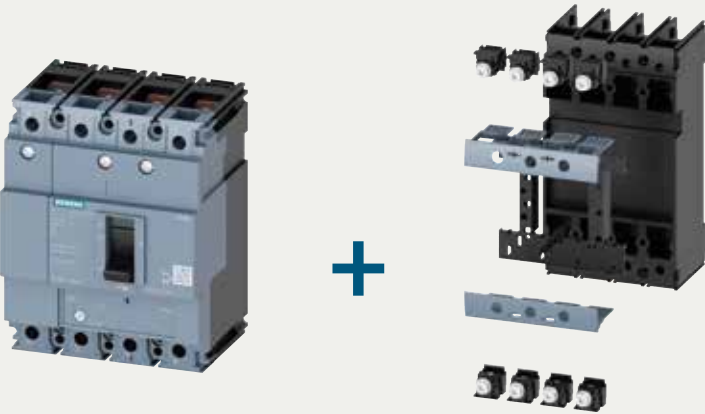
Please refer page no-100 for recommended Type-2 coordination chart.

SENTRON 3VM, Switch Disconnecter (without protection)

Frame Size	Rated Current In (A)	3pole Type	Unit LP* ₹	4pole Type	Unit LP* ₹
3VM11	63	3VM1163-1AA32-0AA0	12415.-	3VM1163-1AA42-0AA0	18340.-
	100	3VM1110-1AA32-0AA0	12415.-	3VM1110-1AA42-0AA0	18340.-
	125	3VM1112-1AA32-0AA0	18105.-	3VM1112-1AA42-0AA0	22790.-
	160	3VM1116-1AA32-0AA0	18105.-	3VM1116-1AA42-0AA0	22790.-
3VM12	250	3VM1225-1AA32-0AA0	30135.-	3VM1225-1AA42-0AA0	40190.-
3VM13	400	3VM1340-1AA32-0AA0	38875.-	3VM1340-1AA42-0AA0	50550.-

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. Please contact your nearest Siemens 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	3VM1196-3ED12-0AA0	4845.-	3VM1196-3ED22-0AA0	8680.-
		20	3VM1120-3ED12-0AA0	4845.-	3VM1120-3ED22-0AA0	8680.-
		25	3VM1125-3ED12-0AA0	4845.-	3VM1125-3ED22-0AA0	8680.-
		32	3VM1132-3ED12-0AA0	4845.-	3VM1132-3ED22-0AA0	8680.-
		40	3VM1140-3ED12-0AA0	4845.-	3VM1140-3ED22-0AA0	8680.-
		50	3VM1150-3ED12-0AA0	4845.-	3VM1150-3ED22-0AA0	8680.-
		63	3VM1163-3ED12-0AA0	4845.-	3VM1163-3ED22-0AA0	8680.-
		80	3VM1180-3ED12-0AA0	5325.-	3VM1180-3ED22-0AA0	9510.-
		100	3VM1110-3ED12-0AA0	6145.-	3VM1110-3ED22-0AA0	11145.-
		125	3VM1112-3ED12-0AA0	9925.-	3VM1112-3ED22-0AA0	18035.-
		160	3VM1116-3ED12-0AA0	11565.-	3VM1116-3ED22-0AA0	20825.-
3VM11	36kA ¹⁾	16	3VM1196-4ED12-0AA0	5240.-	3VM1196-4ED22-0AA0	9510.-
		20	3VM1120-4ED12-0AA0	5240.-	3VM1120-4ED22-0AA0	9510.-
		25	3VM1125-4ED12-0AA0	5240.-	3VM1125-4ED22-0AA0	9510.-
		32	3VM1132-4ED12-0AA0	5240.-	3VM1132-4ED22-0AA0	9510.-
		40	3VM1140-4ED12-0AA0	5240.-	3VM1140-4ED22-0AA0	9510.-
		50	3VM1150-4ED12-0AA0	5240.-	3VM1150-4ED22-0AA0	9510.-
		63	3VM1163-4ED12-0AA0	5240.-	3VM1163-4ED22-0AA0	9510.-
		80	3VM1180-4ED12-0AA0	5820.-	3VM1180-4ED22-0AA0	10500.-
		100	3VM1110-4ED12-0AA0	6265.-	3VM1110-4ED22-0AA0	12130.-
		125	3VM1112-4ED12-0AA0	10755.-	3VM1112-4ED22-0AA0	19340.-
		160	3VM1116-4ED12-0AA0	12540.-	3VM1116-4ED22-0AA0	22625.-

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	6400.-
CBCT for EFR: 160 frame Suitable for 3VM10/11	3P	7UG09910	2210.-
	4P	7UG09911	2520.-
CBCT for EFR: 250 frame Suitable for 3VM12	3P	7UG09912	2665.-
	4P	7UG09913	3145.-
CBCT for EFR: 630 frame Suitable for 3VM13/14	3P	7UG09914	3930.-
	4P	7UG09915	4255.-

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	6190.-
	230VAC	7UG0842-1CD20	6255.-
CBCT for ELR	35 mm dia	7UG0996	2250.-
	70 mm dia	7UG0997	2575.-
	120 mm dia	7UG0999	4385.-
	210 mm dia	7UG0994	8435.-
	310 mm dia	7UG0995	12570.-

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 SETRON 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)	2085.-
3VM9988-0AB12	Trip Alarm Switch TAS (1 C/O)	2085.-
Undervoltage releases		
3VM9908-0BB11	UVR 24V DC	4650.-
3VM9908-0BB12	UVR 48V DC	4650.-
3VM9908-0BB23	UVR 110 V AC 50/60HZ	4650.-
3VM9908-0BB25	UVR 208-230 V AC 50/60 HZ	4650.-
3VM9908-0BB26	UVR 380-400 V AC 50/60 HZ	4650.-
Shunt release (Left)		
3VM9908-0BL30	STL 24V AC 50/60Hz / 12-30V DC	3770.-
3VM9908-0BL31	STL 48-60V AC 50/60Hz/ DC	3770.-
3VM9908-0BL32	STL 110-127 V AC 50/60 HZ / DC	3770.-
3VM9908-0BL33	STL 208-277 V AC 50/60 HZ / 220-250 V DC	3770.-
3VM9908-0BL20	STL 380-600 V AC 50/60 HZ	3770.-

External Accessories:

MLFB	Description	Unit LP*₹
Rotary Handles ¹⁾		
3VM9117-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11	2550.-
3VM9217-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12	3220.-
3VM9417-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14	3635.-
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11	2980.-
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12	3910.-
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14	4315.-
Spreaders (incl. Phase barriers)		
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11	1340.-
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11	1710.-
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12	1670.-
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12	2220.-
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14	2240.-
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14	2905.-
Extended terminals (incl. Phase barriers)		
3VM9253-0QB50	Extended terminals, 3pole, 3VM12	1125.-
3VM9254-0QB50	Extended terminals, 4pole, 3VM12	1500.-
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14	1515.-
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14	1970.-
Phase barriers		
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11	875.-
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12	1220.-
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14	1220.-
Locking device for breaker with Toggle lever		
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12	2320.-
3VM9388-0LB10	Locking device for: 3VM13/ 14	3050.-
Interlocking (for MCCBs with 8UC handles)		
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14	6470.-



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

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downtime



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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	16	3VJ1096-0DA22-0AA0	3195.-	3VJ1096-0DA32-0AA0	3965.-	3VJ1096-0EA42-0AA0	5685.-
		20	3VJ1002-0DA22-0AA0	3195.-	3VJ1002-0DA32-0AA0	3965.-	3VJ1002-0EA42-0AA0	5685.-
		25	3VJ1092-0DA22-0AA0	3195.-	3VJ1092-0DA32-0AA0	3965.-	3VJ1092-0EA42-0AA0	5685.-
		32	3VJ1003-0DA22-0AA0	3195.-	3VJ1003-0DA32-0AA0	3965.-	3VJ1003-0EA42-0AA0	5685.-
		40	3VJ1004-0DA22-0AA0	3195.-	3VJ1004-0DA32-0AA0	3965.-	3VJ1004-0EA42-0AA0	5685.-
		50	3VJ1005-0DA22-0AA0	3195.-	3VJ1005-0DA32-0AA0	3965.-	3VJ1005-0EA42-0AA0	5685.-
		63	3VJ1006-0DA22-0AA0	3195.-	3VJ1006-0DA32-0AA0	3965.-	3VJ1006-0EA42-0AA0	5685.-
		80	3VJ1008-0DA22-0AA0	3195.-	3VJ1008-0DA32-0AA0	3965.-	3VJ1008-0EA42-0AA0	5685.-
		100	3VJ1010-0DA22-0AA0	3195.-	3VJ1010-0DA32-0AA0	3965.-	3VJ1010-0EA42-0AA0	5685.-
		125	3VJ1012-0DA22-0AA0	4935.-	3VJ1012-0DA32-0AA0	5950.-	3VJ1012-0EA42-0AA0	8525.-
	18kA	16	3VJ1096-1DA22-0AA0	4415.-	3VJ1096-1DA32-0AA0	6375.-	3VJ1096-1EA42-0AA0	8180.-
		20	3VJ1002-1DA22-0AA0	4415.-	3VJ1002-1DA32-0AA0	6375.-	3VJ1002-1EA42-0AA0	8180.-
		25	3VJ1092-1DA22-0AA0	4415.-	3VJ1092-1DA32-0AA0	6375.-	3VJ1092-1EA42-0AA0	8180.-
		32	3VJ1003-1DA22-0AA0	4415.-	3VJ1003-1DA32-0AA0	6375.-	3VJ1003-1EA42-0AA0	8180.-
		40	3VJ1004-1DA22-0AA0	4415.-	3VJ1004-1DA32-0AA0	6375.-	3VJ1004-1EA42-0AA0	8180.-
		50	3VJ1005-1DA22-0AA0	4415.-	3VJ1005-1DA32-0AA0	6375.-	3VJ1005-1EA42-0AA0	8180.-
		63	3VJ1006-1DA22-0AA0	4415.-	3VJ1006-1DA32-0AA0	6375.-	3VJ1006-1EA42-0AA0	8180.-
		80	3VJ1008-1DA22-0AA0	4415.-	3VJ1008-1DA32-0AA0	6375.-	3VJ1008-1EA42-0AA0	8180.-
		100	3VJ1010-1DA22-0AA0	4415.-	3VJ1010-1DA32-0AA0	6375.-	3VJ1010-1EA42-0AA0	8180.-
		125	3VJ1012-1DA22-0AA0	5115.-	3VJ1012-1DA32-0AA0	7315.-	3VJ1012-1EA42-0AA0	9515.-
	25kA	16	3VJ1096-3DA22-0AA0	5305.-	3VJ1096-3DA32-0AA0	6955.-	3VJ1096-3EA42-0AA0	9225.-
		20	3VJ1002-3DA22-0AA0	5305.-	3VJ1002-3DA32-0AA0	6955.-	3VJ1002-3EA42-0AA0	9225.-
		25	3VJ1092-3DA22-0AA0	5305.-	3VJ1092-3DA32-0AA0	6955.-	3VJ1092-3EA42-0AA0	9225.-
		32	3VJ1003-3DA22-0AA0	5305.-	3VJ1003-3DA32-0AA0	6955.-	3VJ1003-3EA42-0AA0	9225.-
		40	3VJ1004-3DA22-0AA0	5305.-	3VJ1004-3DA32-0AA0	6955.-	3VJ1004-3EA42-0AA0	9225.-
		50	3VJ1005-3DA22-0AA0	5305.-	3VJ1005-3DA32-0AA0	6955.-	3VJ1005-3EA42-0AA0	9225.-
		63	3VJ1006-3DA22-0AA0	5305.-	3VJ1006-3DA32-0AA0	6955.-	3VJ1006-3EA42-0AA0	9225.-
		80	3VJ1008-3DA22-0AA0	5305.-	3VJ1008-3DA32-0AA0	6955.-	3VJ1008-3EA42-0AA0	9225.-
		100	3VJ1010-3DA22-0AA0	5305.-	3VJ1010-3DA32-0AA0	6955.-	3VJ1010-3EA42-0AA0	9225.-
		125	3VJ1012-3DA22-0AA0	5305.-	3VJ1012-3DA32-0AA0	7945.-	3VJ1012-3EA42-0AA0	10140.-

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

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



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	2 [^] Pole Type	Unit MRP* ₹	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	10770.-	3VJ1216-3DA32-0AA0	12485.-	3VJ1216-3EA42-0AA0	16425.-
		200	3VJ1220-3DA22-0AA0	10890.-	3VJ1220-3DA32-0AA0	12680.-	3VJ1220-3EA42-0AA0	18035.-
		250	3VJ1225-3DA22-0AA0	11005.-	3VJ1225-3DA32-0AA0	14270.-	3VJ1225-3EA42-0AA0	18790.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-3DA32-0AA0	28265.-	3VJ1332-3EA42-0AA0	36400.-
400		–	–	3VJ1340-3DA32-0AA0	28265.-	3VJ1340-3EA42-0AA0	36400.-	
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DA22-0AA0	8160.-	3VJ1196-5DA32-0AA0	9705.-	3VJ1196-5EA42-0AA0	12825.-
		20	3VJ1102-5DA22-0AA0	8160.-	3VJ1102-5DA32-0AA0	9705.-	3VJ1102-5EA42-0AA0	12825.-
		25	3VJ1192-5DA22-0AA0	8160.-	3VJ1192-5DA32-0AA0	9705.-	3VJ1192-5EA42-0AA0	12825.-
		32	3VJ1103-5DA22-0AA0	8160.-	3VJ1103-5DA32-0AA0	9705.-	3VJ1103-5EA42-0AA0	12825.-
		40	3VJ1104-5DA22-0AA0	8160.-	3VJ1104-5DA32-0AA0	9705.-	3VJ1104-5EA42-0AA0	12825.-
		50	3VJ1105-5DA22-0AA0	8160.-	3VJ1105-5DA32-0AA0	9705.-	3VJ1105-5EA42-0AA0	12825.-
		63	3VJ1106-5DA22-0AA0	8160.-	3VJ1106-5DA32-0AA0	9705.-	3VJ1106-5EA42-0AA0	12825.-
		80	3VJ1108-5DA22-0AA0	8160.-	3VJ1108-5DA32-0AA0	9995.-	3VJ1108-5EA42-0AA0	13220.-
		100	3VJ1110-5DA22-0AA0	8160.-	3VJ1110-5DA32-0AA0	9995.-	3VJ1110-5EA42-0AA0	13220.-
		125	3VJ1112-5DA22-0AA0	8160.-	3VJ1112-5DA32-0AA0	10995.-	3VJ1112-5EA42-0AA0	14370.-
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	11360.-	3VJ1216-5DA32-0AA0	13980.-	3VJ1216-5EA42-0AA0	17005.-
		200	3VJ1220-5DA22-0AA0	11965.-	3VJ1220-5DA32-0AA0	17240.-	3VJ1220-5EA42-0AA0	22250.-
		250	3VJ1225-5DA22-0AA0	13505.-	3VJ1225-5DA32-0AA0	19815.-	3VJ1225-5EA42-0AA0	25500.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-5DA32-0AA0	28970.-	3VJ1332-5EA42-0AA0	37110.-
3VJ14 (VJ1 630)		400	–	–	3VJ1340-5DA32-0AA0	28970.-	3VJ1340-5EA42-0AA0	37110.-
	500	–	–	3VJ1450-5DA32-0AA0	43460.-	3VJ1450-5EA42-0AA0	55665.-	
	630	–	–	3VJ1463-5DA32-0AA0	43460.-	3VJ1463-5EA42-0AA0	55665.-	
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DA22-0AA0	8590.-	3VJ1196-7DA32-0AA0	12415.-	3VJ1196-7EA42-0AA0	16380.-
		20	3VJ1102-7DA22-0AA0	8590.-	3VJ1102-7DA32-0AA0	12415.-	3VJ1102-7EA42-0AA0	16380.-
		25	3VJ1192-7DA22-0AA0	8590.-	3VJ1192-7DA32-0AA0	12415.-	3VJ1192-7EA42-0AA0	16380.-
		32	3VJ1103-7DA22-0AA0	8590.-	3VJ1103-7DA32-0AA0	12415.-	3VJ1103-7EA42-0AA0	16380.-
		40	3VJ1104-7DA22-0AA0	8590.-	3VJ1104-7DA32-0AA0	12415.-	3VJ1104-7EA42-0AA0	16380.-
		50	3VJ1105-7DA22-0AA0	8590.-	3VJ1105-7DA32-0AA0	12415.-	3VJ1105-7EA42-0AA0	16380.-
		63	3VJ1106-7DA22-0AA0	8590.-	3VJ1106-7DA32-0AA0	12415.-	3VJ1106-7EA42-0AA0	16380.-
		80	3VJ1108-7DA22-0AA0	8590.-	3VJ1108-7DA32-0AA0	12415.-	3VJ1108-7EA42-0AA0	16380.-
		100	3VJ1110-7DA22-0AA0	8590.-	3VJ1110-7DA32-0AA0	12415.-	3VJ1110-7EA42-0AA0	16380.-
		125	3VJ1112-7DA22-0AA0	8590.-	3VJ1112-7DA32-0AA0	13665.-	3VJ1112-7EA42-0AA0	18020.-
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	12315.-	3VJ1216-7DA32-0AA0	17295.-	3VJ1216-7EA42-0AA0	22845.-
		200	3VJ1220-7DA22-0AA0	12560.-	3VJ1220-7DA32-0AA0	19885.-	3VJ1220-7EA42-0AA0	26260.-
		250	3VJ1225-7DA22-0AA0	13755.-	3VJ1225-7DA32-0AA0	22870.-	3VJ1225-7EA42-0AA0	30205.-
3VJ13 (VJ1 400)		320	–	–	3VJ1332-7DA32-0AA0	29680.-	3VJ1332-7EA42-0AA0	38175.-
3VJ14 (VJ1 630)		400	–	–	3VJ1340-7DA32-0AA0	29680.-	3VJ1340-7EA42-0AA0	38175.-
	500	–	–	3VJ1450-7DA32-0AA0	44520.-	3VJ1450-7EA42-0AA0	57250.-	
	630	–	–	3VJ1463-7DA32-0AA0	44520.-	3VJ1463-7EA42-0AA0	57250.-	

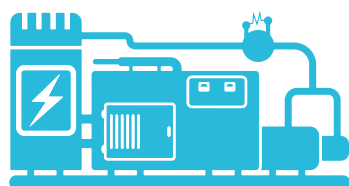
Notes:

Phase barriers are included in the standard MCCB packing

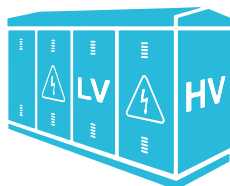
^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



Diesel Generator



Compact Substation



Utility Feeder Panel

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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	Unit MRP* ₹	4 Pole Type	Unit MRP* ₹
3VJ10 (VJ1 125X)	10kA	16	3VJ1096-0DB32-0AA0	5055.-	3VJ1096-0EB42-0AA0	6830.-
		20	3VJ1002-0DB32-0AA0	5055.-	3VJ1002-0EB42-0AA0	6830.-
		25	3VJ1092-0DB32-0AA0	5055.-	3VJ1092-0EB42-0AA0	6830.-
		32	3VJ1003-0DB32-0AA0	5055.-	3VJ1003-0EB42-0AA0	6830.-
		40	3VJ1004-0DB32-0AA0	5055.-	3VJ1004-0EB42-0AA0	6830.-
		50	3VJ1005-0DB32-0AA0	5055.-	3VJ1005-0EB42-0AA0	6830.-
		63	3VJ1006-0DB32-0AA0	5055.-	3VJ1006-0EB42-0AA0	6830.-
		80	3VJ1008-0DB32-0AA0	5055.-	3VJ1008-0EB42-0AA0	6830.-
		100	3VJ1010-0DB32-0AA0	5055.-	3VJ1010-0EB42-0AA0	6830.-
		125	3VJ1012-0DB32-0AA0	7270.-	3VJ1012-0EB42-0AA0	10260.-
	18kA	16	3VJ1096-1DB32-0AA0	7640.-	3VJ1096-1EB42-0AA0	9810.-
		20	3VJ1002-1DB32-0AA0	7640.-	3VJ1002-1EB42-0AA0	9810.-
		25	3VJ1092-1DB32-0AA0	7640.-	3VJ1092-1EB42-0AA0	9810.-
		32	3VJ1003-1DB32-0AA0	7640.-	3VJ1003-1EB42-0AA0	9810.-
		40	3VJ1004-1DB32-0AA0	7640.-	3VJ1004-1EB42-0AA0	9810.-
		50	3VJ1005-1DB32-0AA0	7640.-	3VJ1005-1EB42-0AA0	9810.-
		63	3VJ1006-1DB32-0AA0	7640.-	3VJ1006-1EB42-0AA0	9810.-
		80	3VJ1008-1DB32-0AA0	7640.-	3VJ1008-1EB42-0AA0	9810.-
		100	3VJ1010-1DB32-0AA0	7640.-	3VJ1010-1EB42-0AA0	9810.-
		125	3VJ1012-1DB32-0AA0	8760.-	3VJ1012-1EB42-0AA0	11405.-
	25kA	16	3VJ1096-3DB32-0AA0	8780.-	3VJ1096-3EB42-0AA0	11640.-
		20	3VJ1002-3DB32-0AA0	8780.-	3VJ1002-3EB42-0AA0	11640.-
		25	3VJ1092-3DB32-0AA0	8780.-	3VJ1092-3EB42-0AA0	11640.-
		32	3VJ1003-3DB32-0AA0	8780.-	3VJ1003-3EB42-0AA0	11640.-
		40	3VJ1004-3DB32-0AA0	8780.-	3VJ1004-3EB42-0AA0	11640.-
		50	3VJ1005-3DB32-0AA0	8780.-	3VJ1005-3EB42-0AA0	11640.-
		63	3VJ1006-3DB32-0AA0	8780.-	3VJ1006-3EB42-0AA0	11640.-
		80	3VJ1008-3DB32-0AA0	8780.-	3VJ1008-3EB42-0AA0	11640.-
		100	3VJ1010-3DB32-0AA0	8780.-	3VJ1010-3EB42-0AA0	11640.-
		125	3VJ1012-3DB32-0AA0	10015.-	3VJ1012-3EB42-0AA0	12800.-

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	14080.-	3VJ1216-3EB42-0AA0	17135.-
		200	3VJ1220-3DB32-0AA0	15200.-	3VJ1220-3EB42-0AA0	19130.-
250		3VJ1225-3DB32-0AA0	17110.-	3VJ1225-3EB42-0AA0	22530.-	
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	32015.-	3VJ1332-3EB42-0AA0	41230.-
400		3VJ1340-3DB32-0AA0	32015.-	3VJ1340-3EB42-0AA0	41230.-	
3VJ11 (VJ1 125)	36kA	16	3VJ1196-5DB32-0AA0	11640.-	3VJ1196-5EB42-0AA0	15375.-
		20	3VJ1102-5DB32-0AA0	11640.-	3VJ1102-5EB42-0AA0	15375.-
		25	3VJ1192-5DB32-0AA0	11640.-	3VJ1192-5EB42-0AA0	15375.-
		32	3VJ1103-5DB32-0AA0	11640.-	3VJ1103-5EB42-0AA0	15375.-
		40	3VJ1104-5DB32-0AA0	11640.-	3VJ1104-5EB42-0AA0	15375.-
		50	3VJ1105-5DB32-0AA0	11640.-	3VJ1105-5EB42-0AA0	15375.-
		63	3VJ1106-5DB32-0AA0	11640.-	3VJ1106-5EB42-0AA0	15375.-
		80	3VJ1108-5DB32-0AA0	11640.-	3VJ1108-5EB42-0AA0	15375.-
		100	3VJ1110-5DB32-0AA0	11640.-	3VJ1110-5EB42-0AA0	15375.-
		125	3VJ1112-5DB32-0AA0	13185.-	3VJ1112-5EB42-0AA0	16715.-
3VJ12 (VJ1 250)		160	3VJ1216-5DB32-0AA0	15970.-	3VJ1216-5EB42-0AA0	19415.-
		200	3VJ1220-5DB32-0AA0	20670.-	3VJ1220-5EB42-0AA0	26680.-
3VJ13 (VJ1 400)		250	3VJ1225-5DB32-0AA0	23765.-	3VJ1225-5EB42-0AA0	30580.-
		320	3VJ1332-5DB32-0AA0	32815.-	3VJ1332-5EB42-0AA0	42030.-
3VJ14 (VJ1 630)		400	3VJ1340-5DB32-0AA0	32815.-	3VJ1340-5EB42-0AA0	42030.-
		500	3VJ1450-5DB32-0AA0	49225.-	3VJ1450-5EB42-0AA0	63045.-
		630	3VJ1463-5DB32-0AA0	49225.-	3VJ1463-5EB42-0AA0	63045.-
3VJ11 (VJ1 125)	55kA	16	3VJ1196-7DB32-0AA0	14065.-	3VJ1196-7EB42-0AA0	18550.-
		20	3VJ1102-7DB32-0AA0	14065.-	3VJ1102-7EB42-0AA0	18550.-
		25	3VJ1192-7DB32-0AA0	14065.-	3VJ1192-7EB42-0AA0	18550.-
		32	3VJ1103-7DB32-0AA0	14065.-	3VJ1103-7EB42-0AA0	18550.-
		40	3VJ1104-7DB32-0AA0	14065.-	3VJ1104-7EB42-0AA0	18550.-
		50	3VJ1105-7DB32-0AA0	14065.-	3VJ1105-7EB42-0AA0	18550.-
		63	3VJ1106-7DB32-0AA0	14065.-	3VJ1106-7EB42-0AA0	18550.-
		80	3VJ1108-7DB32-0AA0	14065.-	3VJ1108-7EB42-0AA0	18550.-
		100	3VJ1110-7DB32-0AA0	14065.-	3VJ1110-7EB42-0AA0	18550.-
		125	3VJ1112-7DB32-0AA0	15470.-	3VJ1112-7EB42-0AA0	20410.-
3VJ12 (VJ1 250)		160	3VJ1216-7DB32-0AA0	18515.-	3VJ1216-7EB42-0AA0	24455.-
		200	3VJ1220-7DB32-0AA0	21295.-	3VJ1220-7EB42-0AA0	28115.-
3VJ13 (VJ1 400)		250	3VJ1225-7DB32-0AA0	24475.-	3VJ1225-7EB42-0AA0	32335.-
		320	3VJ1332-7DB32-0AA0	33620.-	3VJ1332-7EB42-0AA0	43235.-
3VJ14 (VJ1 630)		400	3VJ1340-7DB32-0AA0	33620.-	3VJ1340-7EB42-0AA0	43235.-
		500	3VJ1450-7DB32-0AA0	50425.-	3VJ1450-7EB42-0AA0	64850.-
		630	3VJ1463-7DB32-0AA0	50425.-	3VJ1463-7EB42-0AA0	64850.-

Notes: Phase barriers are included in the standard MCCB packing

Earth Fault Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth fault monitoring relay	- Auxiliary voltage: 85-270V AC/DC - Change over contact: 2C/O - Width: 35mm module	7UG0861-1BU20 6400.-
CBCT for EFR: Suitable for 3VJ10 up to 125A	3P 7UG09910 2210.- 4P 7UG09911 2520.-	
CBCT for EFR: Suitable for 3VJ11 up to 125A	3P 7UG09911 2520.- 4P 7UG09911 2520.-	
CBCT for EFR: Suitable for 3VJ12 up to 250A	3P 7UG09912 2665.- 4P 7UG09913 3145.-	
CBCT for EFR: Suitable for 3VJ13/14 upto 630A	3P 7UG09915 4255.-	

Earth Leakage Protection for 3VJ MCCBs

Description	Type	Unit LP* ₹
Earth leakage relay	110VAC 7UG0841-1CB20 6190.- 230VAC 7UG0842-1CD20 6255.-	
CBCT for ELR	35 mm dia 7UG0996 2250.- 70 mm dia 7UG0997 2575.- 120 mm dia 7UG0999 4385.- 210 mm dia 7UG0994 8435.- 310 mm dia 7UG0995 12570.-	

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

Std. Pkg. = 1 unit

* MRP - Max. Retail Price

LP = List Price

3VJ Internal accessories

Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13/14 (VJ1 400/630)	Unit MRP* ₹
Accessory									
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	1745.-	3VJ9218-0AN11	1800.-	3VJ9218-0AN11	1800.-	3VJ9417-0AN11	1955.-
	Right	–	–	3VJ9218-0AN21	1800.-	3VJ9218-0AN21	1800.-	3VJ9417-0AN21	1955.-
Alarm Switches (AL)	Left	3VJ9018-0AA11	1745.-	3VJ9118-0AA11	1745.-	3VJ9218-0AA11	1800.-	3VJ9417-0AA11	1955.-
	Right	–	–	3VJ9118-0AA21	1745.-	3VJ9218-0AA21	1800.-	3VJ9417-0AA21	1955.-
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	2830.-	3VJ9118-0AD11	2830.-	3VJ9218-0AD11	2965.-	3VJ9417-0AD11	3370.-
	Right	–	–	3VJ9118-0AD21	2830.-	3VJ9218-0AD21	2965.-	3VJ9417-0AD21	3370.-
Shunt Trip (Right) (ST)	24V DC	–	–	3VJ9218-0ST11	3600.-	3VJ9218-0ST11	3600.-	–	–
	24V AC/DC	–	–	–	–	–	–	3VJ9417-0ST21	4045.-
	48V DC	–	–	3VJ9218-0ST12	3600.-	3VJ9218-0ST12	3600.-	–	–
	48V AC/DC	–	–	–	–	–	–	3VJ9417-0ST22	4045.-
	110V DC	3VJ9018-0ST15	2620.-	3VJ9218-0ST15	3600.-	3VJ9218-0ST15	3600.-	–	–
	110V AC/DC	–	–	–	–	–	–	3VJ9417-0ST25	4045.-
	110V AC	3VJ9018-0ST35	2620.-	3VJ9218-0ST35	3735.-	3VJ9218-0ST35	3735.-	–	–
	220V AC	3VJ9018-0ST36	2840.-	3VJ9218-0ST36	3860.-	3VJ9218-0ST36	3860.-	3VJ9417-0ST36	4450.-
	415V AC	3VJ9018-0ST37	2840.-	3VJ9218-0ST37	3860.-	3VJ9218-0ST37	3860.-	3VJ9417-0ST37	4450.-
Undervoltage Release (Left) (UVR)	24V DC	–	–	3VJ9218-0UV11	5150.-	3VJ9218-0UV11	5150.-	–	–
	48V DC	–	–	3VJ9218-0UV12	5150.-	3VJ9218-0UV12	5150.-	–	–
	220V AC	–	–	3VJ9218-0UV36	5410.-	3VJ9218-0UV36	5410.-	3VJ9417-0UV36	13490.-
	415V AC	–	–	3VJ9218-0UV37	5790.-	3VJ9218-0UV37	5790.-	3VJ9417-0UV37	13490.-

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

3VJ External accessories

Frame Size	No. of poles	3VJ10 (VJ1 125X)	Unit MRP* ₹	3VJ11 (VJ1 125)	Unit MRP* ₹	3VJ12 (VJ1 250)	Unit MRP* ₹	3VJ13 (VJ1 400)	Unit MRP* ₹	3VJ14 (VJ1 630)	Unit MRP* ₹
Accessory											
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	2610.-	3VJ9118-0HD11	2810.-	3VJ9218-0HD11	3285.-	3VJ9417-0HD11	4345.-	3VJ9417-0HD11	4345.-
Spreader Links^	2P	3VJ9012-0ED00	230.-	3VJ9112-0ED00	255.-	3VJ9212-0ED00	775.-	–	–	–	–
	3P	3VJ9013-0ED00	390.-	3VJ9113-0ED00	410.-	3VJ9213-0ED00	1255.-	3VJ9313-0ED00	2190.-	3VJ9413-0ED00	2750.-
	4P	3VJ9014-0ED00	510.-	3VJ9114-0ED00	535.-	3VJ9214-0ED00	1635.-	3VJ9314-0ED00	3090.-	3VJ9414-0ED00	3885.-
Phase Barriers*	–	3VJ9018-0CA00	180.-	3VJ9218-0CA00	285.-	3VJ9218-0CA00	285.-	3VJ9417-0CA00	325.-	3VJ9417-0CA00	325.-
Front Barriers\$	2P/3P	3VJ9016-0CJ30	415.-	3VJ9116-0CJ30	495.-	3VJ9216-0CJ30	710.-	3VJ9413-0CJ30	925.-	3VJ9413-0CJ30	925.-
	4P	3VJ9014-0CJ40	585.-	3VJ9114-0CJ40	625.-	3VJ9214-0CJ40	830.-	3VJ9414-0CJ40	1140.-	3VJ9414-0CJ40	1140.-
Toogle handle extension	–	–	–	–	–	–	–	3VJ9417-0DH10	735.-	3VJ9417-0DH10	735.-
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	6470.-	8UC60701YQ..	6470.-	8UC60701YQ..	6470.-	8UC60702YQ..	6645.-	8UC60702YQ..	6645.-
SS Enclosures	2P/3P	3VJ9016-0DE11	2910.-	3VJ9116-0DE11	2910.-	3VJ9216-0DE12	6385.-	–	–	–	–
	4P	3VJ9014-0DE11	2910.-	3VJ9114-0DE11	2910.-	3VJ9214-0DE12	6385.-	–	–	–	–
Padlock on MCCB Dolly/Knob	–	–	–	3VJ9118-0LM10	1165.-	3VJ9218-0LM10	1165.-	3VJ9317-0LM10	2830.-	3VJ9317-0LM10	2830.-
Mechanical Interlocking Devices (Front sliding bar type)	3P	–	–	3VJ9116-0VM10	3185.-	3VJ9216-0VM10	6215.-	3VJ9313-0VM10	12120.-	3VJ9313-0VM10	12120.-
	4P	–	–	3VJ9114-0VM10	3325.-	3VJ9214-0VM10	7340.-	3VJ9314-0VM10	16205.-	3VJ9314-0VM10	16205.-

Notes:

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

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

Available as a spare; 1 set contains 2 phase barriers

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

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

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

Padlocking devices can be used for locking MCCB in Off position

Mechanical interlocking devices can not be used along with the rotary operators

Std. Pkg. = 1 unit

* MRP - Max. Retail Price