



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		Type	
3VA10	16kA	16	3VA1096-2ED32-0AA0		3VA1096-2ED42-0AA0	
		20	3VA1020-2ED32-0AA0		3VA1020-2ED42-0AA0	
		25	3VA1025-2ED32-0AA0		3VA1025-2ED42-0AA0	
		32	3VA1032-2ED32-0AA0		3VA1032-2ED42-0AA0	
		40	3VA1040-2ED32-0AA0		3VA1040-2ED42-0AA0	
		50	3VA1050-2ED32-0AA0		3VA1050-2ED42-0AA0	
		63	3VA1063-2ED32-0AA0		3VA1063-2ED42-0AA0	
		80	3VA1080-2ED32-0AA0		3VA1080-2ED42-0AA0	
		100	3VA1010-2ED32-0AA0		3VA1010-2ED42-0AA0	
3VA10	25kA	16	3VA1096-3ED32-0AA0		3VA1096-3ED42-0AA0	
		20	3VA1020-3ED32-0AA0		3VA1020-3ED42-0AA0	
		25	3VA1025-3ED32-0AA0		3VA1025-3ED42-0AA0	
		32	3VA1032-3ED32-0AA0		3VA1032-3ED42-0AA0	
		40	3VA1040-3ED32-0AA0		3VA1040-3ED42-0AA0	
		50	3VA1050-3ED32-0AA0		3VA1050-3ED42-0AA0	
		63	3VA1063-3ED32-0AA0		3VA1063-3ED42-0AA0	
		80	3VA1080-3ED32-0AA0		3VA1080-3ED42-0AA0	
		100	3VA1010-3ED32-0AA0		3VA1010-3ED42-0AA0	
3VA11		125	3VA1112-3ED32-0AA0		3VA1112-3ED42-0AA0	
		160	3VA1116-3ED32-0AA0		3VA1116-3ED42-0AA0	
3VA10	36kA	16	3VA1096-4ED32-0AA0		3VA1196-4GD42-0AA0	
		20	3VA1020-4ED32-0AA0		3VA1120-4GD42-0AA0	
		25	3VA1025-4ED32-0AA0		3VA1125-4GD42-0AA0	
		32	3VA1032-4ED32-0AA0		3VA1132-4GD42-0AA0	
		40	3VA1040-4ED32-0AA0		3VA1140-4GD42-0AA0	
		50	3VA1050-4ED32-0AA0		3VA1150-4GD42-0AA0	
		63	3VA1063-4ED32-0AA0		3VA1163-4GD42-0AA0	
		80	3VA1080-4ED32-0AA0		3VA1180-4GD42-0AA0	
		100	3VA1010-4ED32-0AA0		3VA1110-4GD42-0AA0	
3VA11		125	3VA1112-4ED32-0AA0		3VA1112-4GD42-0AA0	
		160	3VA1116-4ED32-0AA0		3VA1116-4GD42-0AA0	
3VA11	55kA	16	3VA1196-5ED32-0AA0		3VA1196-5GD42-0AA0	
		20	3VA1120-5ED32-0AA0		3VA1120-5GD42-0AA0	
		25	3VA1125-5ED32-0AA0		3VA1125-5GD42-0AA0	
		32	3VA1132-5ED32-0AA0		3VA1132-5GD42-0AA0	
		40	3VA1140-5ED32-0AA0		3VA1140-5GD42-0AA0	
		50	3VA1150-5ED32-0AA0		3VA1150-5GD42-0AA0	
		63	3VA1163-5ED32-0AA0		3VA1163-5GD42-0AA0	
		80	3VA1180-5ED32-0AA0		3VA1180-5GD42-0AA0	
		100	3VA1110-5ED32-0AA0		3VA1110-5GD42-0AA0	
		125	3VA1112-5ED32-0AA0		3VA1112-5GD42-0AA0	
		160	3VA1116-5ED32-0AA0		3VA1116-5GD42-0AA0	

^ 3VA1 TMTU up to 160A

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		Type		
3VA11	25kA	16	3VA1196-3EE32-0AA0		3VA1196-3GE42-0AA0		
		20	3VA1120-3EE32-0AA0		3VA1120-3GE42-0AA0		
		25	3VA1125-3EE32-0AA0		3VA1125-3GE42-0AA0		
		32	3VA1132-3EE32-0AA0		3VA1132-3GE42-0AA0		
		40	3VA1140-3EE32-0AA0		3VA1140-3GE42-0AA0		
		50	3VA1150-3EE32-0AA0		3VA1150-3GE42-0AA0		
		63	3VA1163-3EE32-0AA0		3VA1163-3GE42-0AA0		
		80	3VA1180-3EE32-0AA0		3VA1180-3GE42-0AA0		
		100	3VA1110-3EE32-0AA0		3VA1110-3GE42-0AA0		
		125	3VA1112-3EE32-0AA0		3VA1112-3GE42-0AA0		
3VA11	36kA	160	3VA1116-3EE32-0AA0		3VA1116-3GE42-0AA0		
		16	3VA1196-4EE32-0AA0		3VA1196-4GE42-0AA0		
		20	3VA1120-4EE32-0AA0		3VA1120-4GE42-0AA0		
		25	3VA1125-4EE32-0AA0		3VA1125-4GE42-0AA0		
		32	3VA1132-4EE32-0AA0		3VA1132-4GE42-0AA0		
		40	3VA1140-4EE32-0AA0		3VA1140-4GE42-0AA0		
		50	3VA1150-4EE32-0AA0		3VA1150-4GE42-0AA0		
		63	3VA1163-4EE32-0AA0		3VA1163-4GE42-0AA0		
		80	3VA1180-4EE32-0AA0		3VA1180-4GE42-0AA0		
		100	3VA1110-4EE32-0AA0		3VA1110-4GE42-0AA0		
3VA12	36kA	125	3VA1112-4EE32-0AA0		3VA1112-4GE42-0AA0		
		160	3VA1116-4EE32-0AA0		3VA1116-4GE42-0AA0		
		200	3VA1220-4EE32-0AA0		3VA1220-4GE42-0AA0		
3VA13		250	3VA1225-4EE32-0AA0		3VA1225-4GE42-0AA0		
		320	3VA1332-4EE32-0AA0		3VA1332-4GE42-0AA0		
3VA14		400	3VA1340-4EE32-0AA0		3VA1340-4GE42-0AA0		
		500	3VA1450-4EE32-0AA0		3VA1450-4GE42-0AA0		
3VA14		630	3VA1463-4EE32-0AA0		3VA1463-4GE42-0AA0		
		3VA11	55kA	16	3VA1196-5EE32-0AA0		3VA1196-5GE42-0AA0
20				3VA1120-5EE32-0AA0		3VA1120-5GE42-0AA0	
25	3VA1125-5EE32-0AA0				3VA1125-5GE42-0AA0		
32	3VA1132-5EE32-0AA0				3VA1132-5GE42-0AA0		
40	3VA1140-5EE32-0AA0				3VA1140-5GE42-0AA0		
50	3VA1150-5EE32-0AA0				3VA1150-5GE42-0AA0		
63	3VA1163-5EE32-0AA0				3VA1163-5GE42-0AA0		
80	3VA1180-5EE32-0AA0				3VA1180-5GE42-0AA0		
100	3VA1110-5EE32-0AA0				3VA1110-5GE42-0AA0		
125	3VA1112-5EE32-0AA0				3VA1112-5GE42-0AA0		
3VA12	55kA	160	3VA1116-5EE32-0AA0		3VA1116-5GE42-0AA0		
		200	3VA1220-5EE32-0AA0		3VA1220-5GE42-0AA0		
		250	3VA1225-5EE32-0AA0		3VA1225-5GE42-0AA0		
3VA13		320	3VA1332-5EE32-0AA0		3VA1332-5GE42-0AA0		
		400	3VA1340-5EE32-0AA0		3VA1340-5GE42-0AA0		
3VA14		500	3VA1450-5EE32-0AA0		3VA1450-5GE42-0AA0		
		630	3VA1463-5EE32-0AA0		3VA1463-5GE42-0AA0		
3VA15		800#	3VA1580-5EF32-0AA0		3VA1580-5GF42-0AA0		
		1000#	3VA1510-5EF32-0AA0		3VA1510-5GF42-0AA0		
3VA11		70kA	16	3VA1196-6EE32-0AA0		3VA1196-6GE42-0AA0	
	20		3VA1120-6EE32-0AA0		3VA1120-6GE42-0AA0		
	25		3VA1125-6EE32-0AA0		3VA1125-6GE42-0AA0		
	32		3VA1132-6EE32-0AA0		3VA1132-6GE42-0AA0		
	40		3VA1140-6EE32-0AA0		3VA1140-6GE42-0AA0		
	50		3VA1150-6EE32-0AA0		3VA1150-6GE42-0AA0		
	63		3VA1163-6EE32-0AA0		3VA1163-6GE42-0AA0		
	80		3VA1180-6EE32-0AA0		3VA1180-6GE42-0AA0		
	100		3VA1110-6EE32-0AA0		3VA1110-6GE42-0AA0		
	125		3VA1112-6EE32-0AA0		3VA1112-6GE42-0AA0		
3VA12	70kA	160	3VA1116-6EE32-0AA0		3VA1116-6GE42-0AA0		
		200	3VA1220-6EE32-0AA0		3VA1220-6GE42-0AA0		
		250	3VA1225-6EE32-0AA0		3VA1225-6GE42-0AA0		
3VA13		320	3VA1332-6EE32-0AA0		3VA1332-6GE42-0AA0		
		400	3VA1340-6EE32-0AA0		3VA1340-6GE42-0AA0		
3VA14		500	3VA1450-6EE32-0AA0		3VA1450-6GE42-0AA0		
		630	3VA1463-6EE32-0AA0		3VA1463-6GE42-0AA0		
3VA15		800#	3VA1580-6EF32-0AA0		3VA1580-6GF42-0AA0		
		1000#	3VA1510-6EF32-0AA0		3VA1510-6GF42-0AA0		

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	Type
3VA12	36kA	250	3VA1225-4EF32-0AA0	3VA1225-4GF42-0AA0
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, 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	Type
3VA11	1	3VA1181-5MG32-0AA0*	3VA1181-6MG32-0AA0*
	2	3VA1102-5MG32-0AA0*	3VA1102-6MG32-0AA0*
	4	3VA1104-5MG32-0AA0*	3VA1104-6MG32-0AA0*
	8	3VA1108-5MG32-0AA0*	3VA1108-6MG32-0AA0*
	12.5	3VA1192-5MG32-0AA0*	3VA1192-6MG32-0AA0*
	20	3VA1120-5MH32-0AA0	3VA1120-6MH32-0AA0
	32	3VA1132-5MH32-0AA0	3VA1132-6MH32-0AA0
	40	3VA1140-5MH32-0AA0	3VA1140-6MH32-0AA0
	50	3VA1150-5MH32-0AA0	3VA1150-6MH32-0AA0
	63	3VA1163-5MH32-0AA0	3VA1163-6MH32-0AA0
	80	3VA1180-5MH32-0AA0	3VA1180-6MH32-0AA0
	100	3VA1110-5MH32-0AA0	3VA1110-6MH32-0AA0
	125	3VA1112-5MH32-0AA0	3VA1112-6MH32-0AA0
3VA12	160	3VA1216-5MH32-0AA0	3VA1216-6MH32-0AA0
	200	3VA1220-5MH32-0AA0	3VA1220-6MH32-0AA0
3VA13	250	3VA1325-5MH32-0AA0	3VA1325-6MH32-0AA0
	320	3VA1332-5MH32-0AA0	3VA1332-6MH32-0AA0
3VA14	400	3VA1440-5MH32-0AA0	3VA1440-6MH32-0AA0
	500	3VA1450-5MH32-0AA0	3VA1450-6MH32-0AA0
3VA15	630	3VA1563-5MH32-0AA0	3VA1563-6MH32-0AA0
	800	3VA1580-5MH32-0AA0	3VA1580-6MH32-0AA0

POR: Price On Request

Std. Pkg. = 1 unit

* LP - List Price

& Fixed magnetic trip unit

SENTRON 3VA MCCB, Switch Disconnecter (without protection)

Frame Size	Breaking Capacity	Rated Current In (A)	3 Pole	4 Pole
			Type	Type
3VA11	NA	63	3VA1163-1AA32-0AA0	3VA1163-1AA42-0AA0
		100	3VA1110-1AA32-0AA0	3VA1110-1AA42-0AA0
		125	3VA1112-1AA32-0AA0	3VA1112-1AA42-0AA0
		160	3VA1116-1AA32-0AA0	3VA1116-1AA42-0AA0
3VA12	NA	250	3VA1225-1AA32-0AA0	3VA1225-1AA42-0AA0
3VA13	NA	400	3VA1340-1AA32-0AA0	3VA1340-1AA42-0AA0

NA - Not Applicable

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

Earth fault monitoring relay

Description		Type
Earth fault monitoring relay	- Auxiliary voltage: 85-270V AC/DC - Change over contact: 2C/O - Width: 35mm module	7UG0861-1BU20
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
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20
	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 seperately along with earth fault relay / earth leakage relay



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



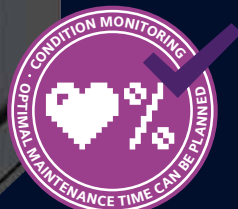
Optimized energy availability



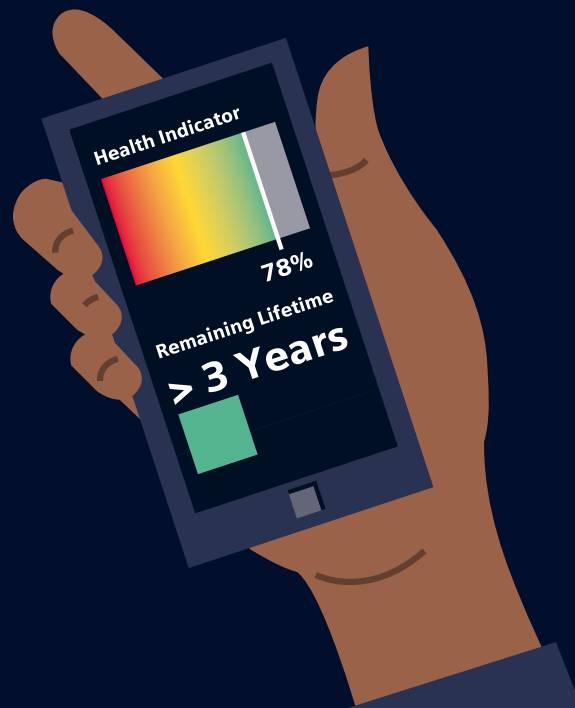
Reduced time and costs for maintenance



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.



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Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole
			Type
3VA20	36kA	25	3VA2025-4HM32-0AA0
		40	3VA2040-4HM32-0AA0
		63	3VA2063-4HM32-0AA0
		100	3VA2010-4HM32-0AA0
		160	3VA2116-4HM32-0AA0
		250	3VA2225-4HM32-0AA0
		400	3VA2340-4HM32-0AA0
		630	3VA2463-4HM32-0AA0
3VA20	55kA	25	3VA2025-5HM32-0AA0
		40	3VA2040-5HM32-0AA0
		63	3VA2063-5HM32-0AA0
		100	3VA2010-5HM32-0AA0
		160	3VA2116-5HM32-0AA0
		250	3VA2225-5HM32-0AA0
		400	3VA2340-5HM32-0AA0
		630	3VA2463-5HM32-0AA0
		800	3VA2580-5HM32-0AA0
		1000	3VA2510-5HM32-0AA0
		1250	3VA2612-5HM32-0AA0
		3VA20	85kA
40	3VA2040-6HM32-0AA0		
63	3VA2063-6HM32-0AA0		
100	3VA2010-6HM32-0AA0		
160	3VA2116-6HM32-0AA0		
250	3VA2225-6HM32-0AA0		
400	3VA2340-6HM32-0AA0		
630	3VA2463-6HM32-0AA0		
800	3VA2580-6HM32-0AA0		
1000	3VA2510-6HM32-0AA0		
1250	3VA2612-6HM32-0AA0		

* LP - List Price

SENTRON 3VA - Accessories

Frame	3VA1 100A/ 160A/ 250A/ 400A/ 630A/ 800A/ 1000A
Accessory	Type
Auxiliary switch (AUX)	3VA9988-0AA12 (1 C/O)
Alarm switch (TAS)	3VA9988-0AB12 (1 C/O)
Short-circuit Alarm switch (SAS) for 3VA1 Only	3VA9988-0AB32 (for 3VA10/ 11 100A/ 160A) 3VA9988-0AB34 (for 3VA12/ 13/ 14 250A/ 400A/ 630A)
Electrical alarm switches (EAS) for 3VA2 Only	–
Under voltage release (UVR)	
120-127 V AC 50/60 Hz	3VA9908-0BB24
208-230 V AC 50/60 Hz	3VA9908-0BB25
380-400 V AC 50/60 Hz	3VA9908-0BB26
Shunt release flexible (STF)	
110-127 V AC 50/60 Hz	3VA9988-0BA22
208-277 V AC 50/60 Hz	3VA9988-0BA23
380-500 V AC 50/60 Hz	3VA9988-0BA24
Shunt release left (STL)	
110-127 V AC 50/60 Hz	3VA9988-0BL32
208-277 V AC 50/60 Hz	3VA9988-0BL33
380-500 V AC 50/60 Hz	3VA9988-0BL20
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)
Extended Door Mounted Rotary Operator ^	3VA9687-0FK21 (for 3VA15 800/ 1000A)
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)
Castell interlock kit* (for breakers with 8UC Handles) (To interlock two or more circuit breakers)	8UC607-01YQ.. (for 3VA10/ 11/ 12/ 13/ 14)
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)
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)
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)
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)
Busbar extensions (with phase barriers)	3VA9603-0QB00 (for 3pole, 3VA15 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA15 800A/ 1000A)
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)
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)
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)

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

3VA2 100A / 160A / 250A 3VA2 400A/630A/800A/1000A/1250A
Type
3VA9988-0AA12 (1 C/O)
3VA9988-0AB12 (1 C/O)
–
3VA9988-0AB22
3VA9908-0BB24
3VA9908-0BB25
3VA9908-0BB26
3VA9988-0BA22
3VA9988-0BA23
3VA9988-0BA24
3VA9988-0BL32
3VA9988-0BL33
3VA9988-0BL20
3VA9267-0FK51 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK51 (for 3VA23/ 24 400A/ 630A) –
3VA9687-0FK21 (for 3VA25/26 800A/1000A/1250A)
3VA9267-0FK23 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0FK23 (for 3VA23/ 24 400A/ 630A) 3VA9687-0FK23 (for 3VA25/26 800A/1000A/1250A)
8UC607-01YQ.. (for 3VA20/ 21/ 22/ 23/ 24)
3VA9168-0VF30 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9368-0VF30 (for 3VA23/ 24 400A/ 630A)
3VA9388-0LB10 (for 3VA20/ 21/ 22/ 23/ 24 100A/ 160A/ 250A/ 400A/ 630A) 3VA9588-0LB10 (3VA25/26 800/ 1000/ 1250A)
3VA9267-0HA20 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9467-0HA20 (for 3VA23/ 24 400A/ 630A)
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)
3VA9603-0QB00 (for 3pole, 3VA25 800A/ 1000A) 3VA9604-0QB00 (for 4pole, 3VA25 800A/ 1000A)
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)
3VA9262-0WA00 (for 3VA20/ 21/ 22 100A/ 160A/ 250A) 3VA9482-0WA00 (for 3VA23/ 24 400A/ 630A) 3VA9602-0WA00 (for 3VA25/26 800A/1000A/1250A)
8US1213-4AP03 (for 3VA20/ 21/ 22) 8US1213-4AH04 (for 3VA23/ 24)



SETRON 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

SETRON 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		Type	
3VA27	55kA	1250	3VA2712-5AB03-0AA0		3VA2712-5AB13-0AA0	
		1600	3VA2716-5AB03-0AA0		3VA2716-5AB13-0AA0	
	85kA	1250	3VA2712-6AB03-0AA0		3VA2712-6AB13-0AA0	
		1600	3VA2716-6AB03-0AA0		3VA2716-6AB13-0AA0	

SETRON 3VA MCCB, Microprocessor Trip Unit, ETU360 LSI, Ics = 100% Icu, 415VAC, 50Hz [§] (Fixed mounted)

Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole		4 Pole	
			Type		Type	
3VA27	55kA	1250	3VA2712-5AD03-0AA0		3VA2712-5AD13-0AA0	
		1600	3VA2716-5AD03-0AA0		3VA2716-5AD13-0AA0	
	85kA	1250	3VA2712-6AD03-0AA0		3VA2712-6AD13-0AA0	
		1600	3VA2716-6AD03-0AA0		3VA2716-6AD13-0AA0	

Accessories for 3VA27

	Description	Type	Std. pkg. (nos.)
	Auxiliary switch (AUX)	3VW9011-0AG01	1
	Alarm switch (TAS)	3VW9011-0AH14	1
	Shunt release (ST)		
	110-120 V AC 50/60 HZ	3VW9011-0AD05	1
	220-240 V AC 50/60 HZ	3VW9011-0AD07	
	Under voltage release (UVR)		
	110-120 V AC 50/60 HZ	3VW9011-0AE05	1
	220-240 V AC 50/60 HZ	3VW9011-0AE07	
	415-440 V AC 50/60 HZ	3VW9011-0AE18	
	Extended Door Mounted Rotary Operator [^] (Standard - Gray)	3VW9727-0FK21	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 contact your nearest Siemens Sales Office for more Auxiliary combinations & choice of accessories

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



SIMARIS software tools

SIMARIS suite: Easy access to SIMARIS planning tools

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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



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SIEMENS



3VM moulded case circuit breaker

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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	4 Pole Type
3VM10	16kA	16	3VM1096-2ED32-0AA0	3VM1096-2ED42-0AA0
		20	3VM1020-2ED32-0AA0	3VM1020-2ED42-0AA0
		25	3VM1025-2ED32-0AA0	3VM1025-2ED42-0AA0
		32	3VM1032-2ED32-0AA0	3VM1032-2ED42-0AA0
		40	3VM1040-2ED32-0AA0	3VM1040-2ED42-0AA0
		50	3VM1050-2ED32-0AA0	3VM1050-2ED42-0AA0
		63	3VM1063-2ED32-0AA0	3VM1063-2ED42-0AA0
		80	3VM1080-2ED32-0AA0	3VM1080-2ED42-0AA0
		100	3VM1010-2ED32-0AA0	3VM1010-2ED42-0AA0
3VM10	25kA	16	3VM1096-3ED32-0AA0	3VM1096-3ED42-0AA0
		20	3VM1020-3ED32-0AA0	3VM1020-3ED42-0AA0
		25	3VM1025-3ED32-0AA0	3VM1025-3ED42-0AA0
		32	3VM1032-3ED32-0AA0	3VM1032-3ED42-0AA0
		40	3VM1040-3ED32-0AA0	3VM1040-3ED42-0AA0
		50	3VM1050-3ED32-0AA0	3VM1050-3ED42-0AA0
		63	3VM1063-3ED32-0AA0	3VM1063-3ED42-0AA0
		80	3VM1080-3ED32-0AA0	3VM1080-3ED42-0AA0
		100	3VM1010-3ED32-0AA0	3VM1010-3ED42-0AA0
3VM11	25kA	125	3VM1112-3ED32-0AA0	3VM1112-3ED42-0AA0
		160	3VM1116-3ED32-0AA0	3VM1116-3ED42-0AA0
Frame Size	Breaking Capacity @ 415VAC, 50Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VM11	36kA	16	3VM1196-4ED32-0AA0	3VM1196-4GD42-0AA0
		20	3VM1120-4ED32-0AA0	3VM1120-4GD42-0AA0
		25	3VM1125-4ED32-0AA0	3VM1125-4GD42-0AA0
		32	3VM1132-4ED32-0AA0	3VM1132-4GD42-0AA0
		40	3VM1140-4ED32-0AA0	3VM1140-4GD42-0AA0
		50	3VM1150-4ED32-0AA0	3VM1150-4GD42-0AA0
		63	3VM1163-4ED32-0AA0	3VM1163-4GD42-0AA0
		80	3VM1180-4ED32-0AA0	3VM1180-4GD42-0AA0
		100	3VM1110-4ED32-0AA0	3VM1110-4GD42-0AA0
		125	3VM1112-4ED32-0AA0	3VM1112-4GD42-0AA0
		160	3VM1116-4ED32-0AA0	3VM1116-4GD42-0AA0
3VM12	36kA	200	3VM1220-4ED32-0AA0	3VM1220-4GD42-0AA0
		250	3VM1225-4ED32-0AA0	3VM1225-4GD42-0AA0
3VM13	36kA	320	3VM1332-4ED32-0AA0	3VM1332-4GD42-0AA0
		400	3VM1340-4ED32-0AA0	3VM1340-4GD42-0AA0
3VM14	36kA	500	3VM1450-4ED32-0AA0	3VM1450-4GD42-0AA0
		630	3VM1463-4ED32-0AA0	3VM1463-4GD42-0AA0

^ 3VM11 TMTU up to 160A

AM: Adjustable Magnetic

FM: Fixed Magnetic

Std. Pkg. = 1 unit

* LP - List Price

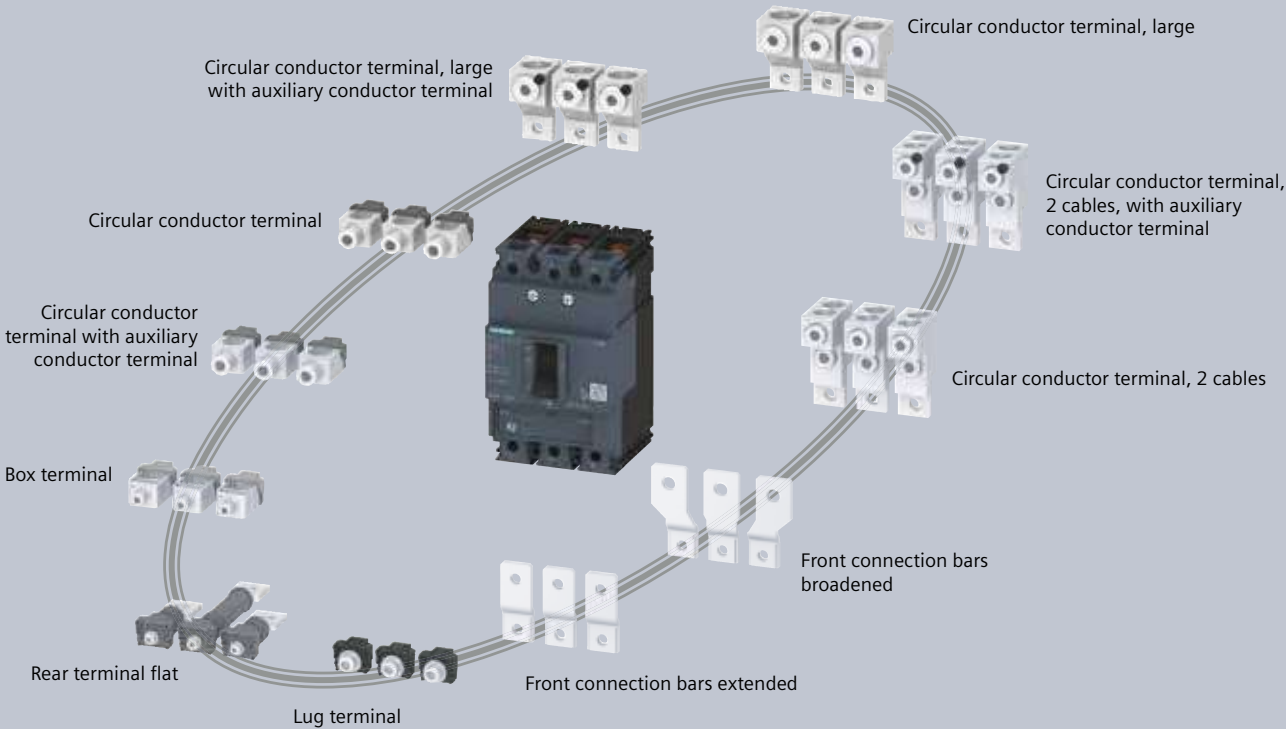
© MRP - Max. Retail Price

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		4 Pole Type
3VM11	55kA	16	3VM1196-5ED32-0AA0		3VM1196-5GD42-0AA0
		20	3VM1120-5ED32-0AA0		3VM1120-5GD42-0AA0
		25	3VM1125-5ED32-0AA0		3VM1125-5GD42-0AA0
		32	3VM1132-5ED32-0AA0		3VM1132-5GD42-0AA0
		40	3VM1140-5ED32-0AA0		3VM1140-5GD42-0AA0
		50	3VM1150-5ED32-0AA0		3VM1150-5GD42-0AA0
		63	3VM1163-5ED32-0AA0		3VM1163-5GD42-0AA0
		80	3VM1180-5ED32-0AA0		3VM1180-5GD42-0AA0
		100	3VM1110-5ED32-0AA0		3VM1110-5GD42-0AA0
		125	3VM1112-5ED32-0AA0		3VM1112-5GD42-0AA0
		160	3VM1116-5ED32-0AA0		3VM1116-5GD42-0AA0
3VM12		200	3VM1220-5ED32-0AA0		3VM1220-5GD42-0AA0
		250	3VM1225-5ED32-0AA0		3VM1225-5GD42-0AA0
3VM13		320	3VM1332-5ED32-0AA0		3VM1332-5GD42-0AA0
		400	3VM1340-5ED32-0AA0		3VM1340-5GD42-0AA0
3VM14		500	3VM1450-5ED32-0AA0		3VM1450-5GD42-0AA0
		630	3VM1463-5ED32-0AA0		3VM1463-5GD42-0AA0

Circuit Breakers

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	4 Pole Type
3VM11	25kA	16	3VM1196-3EE32-0AA0	3VM1196-3GE42-0AA0
		20	3VM1120-3EE32-0AA0	3VM1120-3GE42-0AA0
		25	3VM1125-3EE32-0AA0	3VM1125-3GE42-0AA0
		32	3VM1132-3EE32-0AA0	3VM1132-3GE42-0AA0
		40	3VM1140-3EE32-0AA0	3VM1140-3GE42-0AA0
		50	3VM1150-3EE32-0AA0	3VM1150-3GE42-0AA0
		63	3VM1163-3EE32-0AA0	3VM1163-3GE42-0AA0
		80	3VM1180-3EE32-0AA0	3VM1180-3GE42-0AA0
		100	3VM1110-3EE32-0AA0	3VM1110-3GE42-0AA0
		125	3VM1112-3EE32-0AA0	3VM1112-3GE42-0AA0
		160	3VM1116-3EE32-0AA0	3VM1116-3GE42-0AA0
3VM11	36kA	16	3VM1196-4EE32-0AA0	3VM1196-4GE42-0AA0
		20	3VM1120-4EE32-0AA0	3VM1120-4GE42-0AA0
		25	3VM1125-4EE32-0AA0	3VM1125-4GE42-0AA0
		32	3VM1132-4EE32-0AA0	3VM1132-4GE42-0AA0
		40	3VM1140-4EE32-0AA0	3VM1140-4GE42-0AA0
		50	3VM1150-4EE32-0AA0	3VM1150-4GE42-0AA0
		63	3VM1163-4EE32-0AA0	3VM1163-4GE42-0AA0
		80	3VM1180-4EE32-0AA0	3VM1180-4GE42-0AA0
		100	3VM1110-4EE32-0AA0	3VM1110-4GE42-0AA0
		125	3VM1112-4EE32-0AA0	3VM1112-4GE42-0AA0
		160	3VM1116-4EE32-0AA0	3VM1116-4GE42-0AA0
3VM12		200	3VM1220-4EE32-0AA0	3VM1220-4GE42-0AA0
250		3VM1225-4EE32-0AA0	3VM1225-4GE42-0AA0	
3VM13		320	3VM1332-4EE32-0AA0	3VM1332-4GE42-0AA0
400		3VM1340-4EE32-0AA0	3VM1340-4GE42-0AA0	
3VM14		500	3VM1450-4EE32-0AA0	3VM1450-4GE42-0AA0
		630	3VM1463-4EE32-0AA0	3VM1463-4GE42-0AA0
3VM11	55kA	16	3VM1196-5EE32-0AA0	3VM1196-5GE42-0AA0
		20	3VM1120-5EE32-0AA0	3VM1120-5GE42-0AA0
		25	3VM1125-5EE32-0AA0	3VM1125-5GE42-0AA0
		32	3VM1132-5EE32-0AA0	3VM1132-5GE42-0AA0
		40	3VM1140-5EE32-0AA0	3VM1140-5GE42-0AA0
		50	3VM1150-5EE32-0AA0	3VM1150-5GE42-0AA0
		63	3VM1163-5EE32-0AA0	3VM1163-5GE42-0AA0
		80	3VM1180-5EE32-0AA0	3VM1180-5GE42-0AA0
		100	3VM1110-5EE32-0AA0	3VM1110-5GE42-0AA0
		125	3VM1112-5EE32-0AA0	3VM1112-5GE42-0AA0
		160	3VM1116-5EE32-0AA0	3VM1116-5GE42-0AA0
3VM12		200	3VM1220-5EE32-0AA0	3VM1220-5GE42-0AA0
250		3VM1225-5EE32-0AA0	3VM1225-5GE42-0AA0	
3VM13		320	3VM1332-5EE32-0AA0	3VM1332-5GE42-0AA0
		400	3VM1340-5EE32-0AA0	3VM1340-5GE42-0AA0
3VM14		500	3VM1450-5EE32-0AA0	3VM1450-5GE42-0AA0
		630	3VM1463-5EE32-0AA0	3VM1463-5GE42-0AA0

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)
3VM11	8 ¹⁾	3VM1108-5MG32-0AA0
	12.5 ¹⁾	3VM1192-5MG32-0AA0
	20	3VM1120-5MH32-0AA0
	32	3VM1132-5MH32-0AA0
	40	3VM1140-5MH32-0AA0
	50	3VM1150-5MH32-0AA0
	63	3VM1163-5MH32-0AA0
	80	3VM1180-5MH32-0AA0
	100	3VM1110-5MH32-0AA0
	125	3VM1112-5MH32-0AA0
3VM12	160	3VM1216-5MH32-0AA0
	200	3VM1220-5MH32-0AA0
3VM13	250	3VM1325-5MH32-0AA0
	320	3VM1332-5MH32-0AA0
3VM14	400	3VM1440-5MH32-0AA0
	500	3VM1450-5MH32-0AA0



SENTRON 3VM, Switch Disconnecter (without protection)

Frame Size	Rated Current In (A)	3pole Type
3VM11	63	3VM1163-1AA32-0AA0
	100	3VM1110-1AA32-0AA0
	125	3VM1112-1AA32-0AA0
	160	3VM1116-1AA32-0AA0
3VM12	250	3VM1225-1AA32-0AA0
3VM13	400	3VM1340-1AA32-0AA0

4pole Type
3VM1163-1AA42-0AA0
3VM1110-1AA42-0AA0
3VM1112-1AA42-0AA0
3VM1116-1AA42-0AA0
3VM1225-1AA42-0AA0
3VM1340-1AA42-0AA0

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	2 Pole Type
3VM11	25kA ¹⁾	16	3VM1196-3ED12-0AA0	3VM1196-3ED22-0AA0
		20	3VM1120-3ED12-0AA0	3VM1120-3ED22-0AA0
		25	3VM1125-3ED12-0AA0	3VM1125-3ED22-0AA0
		32	3VM1132-3ED12-0AA0	3VM1132-3ED22-0AA0
		40	3VM1140-3ED12-0AA0	3VM1140-3ED22-0AA0
		50	3VM1150-3ED12-0AA0	3VM1150-3ED22-0AA0
		63	3VM1163-3ED12-0AA0	3VM1163-3ED22-0AA0
		80	3VM1180-3ED12-0AA0	3VM1180-3ED22-0AA0
		100	3VM1110-3ED12-0AA0	3VM1110-3ED22-0AA0
		125	3VM1112-3ED12-0AA0	3VM1112-3ED22-0AA0
		160	3VM1116-3ED12-0AA0	3VM1116-3ED22-0AA0
3VM11	36kA ¹⁾	16	3VM1196-4ED12-0AA0	3VM1196-4ED22-0AA0
		20	3VM1120-4ED12-0AA0	3VM1120-4ED22-0AA0
		25	3VM1125-4ED12-0AA0	3VM1125-4ED22-0AA0
		32	3VM1132-4ED12-0AA0	3VM1132-4ED22-0AA0
		40	3VM1140-4ED12-0AA0	3VM1140-4ED22-0AA0
		50	3VM1150-4ED12-0AA0	3VM1150-4ED22-0AA0
		63	3VM1163-4ED12-0AA0	3VM1163-4ED22-0AA0
		80	3VM1180-4ED12-0AA0	3VM1180-4ED22-0AA0
		100	3VM1110-4ED12-0AA0	3VM1110-4ED22-0AA0
		125	3VM1112-4ED12-0AA0	3VM1112-4ED22-0AA0
		160	3VM1116-4ED12-0AA0	3VM1116-4ED22-0AA0

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

Earth fault protection for SENTRON 3VM moulded case circuit breaker

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

Earth leakage protection for SENTRON 3VM moulded case circuit breaker

Description		Type
Earth leakage relay 1Ph-2W, 3Ph-3W, 3Ph-4W	110VAC	7UG0841-1CB20
	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

Std. Pkg. = 1 unit

* LP - List Price

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

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

External Accessories:

MLFB	Description
Rotary Handles ¹⁾	
3VM9117-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM10/ 11
3VM9217-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM12
3VM9417-0FK51®	Door mounted Rotary Operator with 8UC drive, Standard, 3VM13/ 14
3VM9117-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM10/ 11
3VM9217-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM12
3VM9417-0EK21	Direct mounted Rotary Operator (Grey), Standard, 3VM13/ 14
Spreaders (incl. Phase barriers)	
3VM9153-0QC50	Spreader links - Broadened, 3pole, 3VM10/ 11
3VM9154-0QC50	Spreader links - Broadened, 4pole, 3VM10/ 11
3VM9253-0QC50	Spreader links - Broadened, 3pole, 3VM12
3VM9254-0QC50	Spreader links - Broadened, 4pole, 3VM12
3VM9483-0QC50	Spreader links - Broadened, 3pole, 3VM13/ 14
3VM9484-0QC50	Spreader links - Broadened, 4pole, 3VM13/ 14
Extended terminals (incl. Phase barriers)	
3VM9253-0QB50	Extended terminals, 3pole, 3VM12
3VM9254-0QB50	Extended terminals, 4pole, 3VM12
3VM9483-0QB50	Extended terminals, 3pole, 3VM13/ 14
3VM9484-0QB50	Extended terminals, 4pole, 3VM13/ 14
Phase barriers	
3VM9152-0WA00	Phase barriers (1set = 2 phase barriers), 3VM10/ 11
3VM9252-0WA00	Phase barriers (1set = 2 phase barriers), 3VM12
3VM9482-0WA00	Phase barriers (1set = 2 phase barriers), 3VM13/ 14
Locking device for breaker with Toggle lever	
3VM9188-0LB10	Locking device for: 3VM10/ 11/ 12
3VM9388-0LB10	Locking device for: 3VM13/ 14
Interlocking (for MCCBs with 8UC handles)	
8UC60701YQ.. #	Castell interlock kit for 3VM10/ 11/ 12/ 13/ 14



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	Type	
3VT2	36 kA	250	3VT2725-2AA36-0AA0	3VT2725-2AA46-0AA0	1
3VT3		630	3VT3763-2AA36-0AA0	3VT3763-2AA46-0AA0	1
3VT2	65 kA	250	3VT2725-3AA36-0AA0	3VT2725-3AA46-0AA0	1
3VT3		630	3VT3763-3AA36-0AA0	3VT3763-3AA46-0AA0	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	Std. pkg. (nos.)
3VT2	160	3VT9216-6AB00	1
	200	3VT9220-6AB00	1
3VT3	315	3VT9331-6AB00	1
	400	3VT9340-6AB00	1
	630	3VT9363-6AB00	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	Std. pkg. (nos.)
3VT2	160	3VT9216-6AP00	1
	250	3VT9225-6AP00	1
3VT3	400	3VT9340-6AP00	1
	630	3VT9363-6AP00	1

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

Frame size	Rated current I _n (A)	Type	Unit LP* ₹	Std. pkg. (nos.)
3VT2	100	3VT9210-6AC00	11115.-	1
	160	3VT9216-6AC00	15585.-	1
	250	3VT9225-6AC00	32975.-	1
3VT3	400	3VT9340-6AC00	28490.-	1
	630	3VT9363-6AC00	37465.-	1

Benefits of interchangeable trip units

- Suitable for various applications
- Easy upgradation at site

Accessories for 3VT2..3

Accessory		3VT2 Type	3VT3 Type
Auxiliary Switch		3VT9300-2AF10 (1NO+1NC)	3VT9300-2AF10 (1NO+1NC)
		3VT9300-2AC10 (1NO)	3VT9300-2AC10 (1NO)
Alarm Switch		3VT9300-2AD10 (1NC)	3VT9300-2AD10 (1NC)
Shunt Release	AC 230V/DC 220V	3VT9300-1SE00\$	3VT9300-1SE00\$
Under-voltage Release	AC 230V/DC 220V	3VT9300-1UE00\$	3VT9300-1UE00\$
Spreader Links ^a	3 pole (1 set = 3 links + 2 phase barriers)	3VT9200-4ED30-0RC1	3VT9300-4ED30-0RC1
	4 pole (1 set = 4 links + 3 phase barriers)	3VT9200-4ED40-0RC1	3VT9300-4ED40-0RC1
Panel door mounted rotary operating handles ²	1 set **	3VT9200-3HQ00	3VT9300-3HQ00
Castell Interlock Kit ¹	1 set (1 lock + 1 key)	8UC60701YQ..	8UC60701YQ..

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

^a spreaders with higher phase-to-phase clearance

Std. Pkg. = 1 unit

* LP - List Price

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

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

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	Rated current I _n (A)	Type
3VT4	800	3VT9480-6AC00
	1000	3VT9410-6AC00
3VT5	1250	3VT9512-6AC00
	1600	3VT9516-6AC00

Accessories for 3VT4...5

Accessory		3VT4/5 Type
Auxiliary Switch		3VT9500-2AF10 (2NO+2NC)
Alarm Switch		3VT9500-2AF10 (2NO+2NC)
Shunt Release AC 230V/ DC 220V		3VT9500-1SJ00

Accessory		3VT4/5 Type
Under-voltage Release AC 230V/ DC 220V		3VT9500-1UJ00
Panel door mounted rotary operating handles 1 set **		3VT9500-3HQ00
Castell Interlock Kit ¹ 1 set (1 lock + 1 key)		8UC6070-2YQ..

** 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





SINOVA

3VJ Moulded Case Circuit Breakers

Simply Efficient

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

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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	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	10kA	20	3VJ1002-0DA22-0AA0	3VJ1002-0DA32-0AA0	3VJ1002-0EA42-0AA0
		25	3VJ1092-0DA22-0AA0	3VJ1092-0DA32-0AA0	3VJ1092-0EA42-0AA0
		32	3VJ1003-0DA22-0AA0	3VJ1003-0DA32-0AA0	3VJ1003-0EA42-0AA0
		40	3VJ1004-0DA22-0AA0	3VJ1004-0DA32-0AA0	3VJ1004-0EA42-0AA0
		50	3VJ1005-0DA22-0AA0	3VJ1005-0DA32-0AA0	3VJ1005-0EA42-0AA0
		63	3VJ1006-0DA22-0AA0	3VJ1006-0DA32-0AA0	3VJ1006-0EA42-0AA0
		80	3VJ1008-0DA22-0AA0	3VJ1008-0DA32-0AA0	3VJ1008-0EA42-0AA0
		100	3VJ1010-0DA22-0AA0	3VJ1010-0DA32-0AA0	3VJ1010-0EA42-0AA0
		125	3VJ1012-0DA22-0AA0	3VJ1012-0DA32-0AA0	3VJ1012-0EA42-0AA0
	18kA	20	3VJ1002-1DA22-0AA0	3VJ1002-1DA32-0AA0	3VJ1002-1EA42-0AA0
		25	3VJ1092-1DA22-0AA0	3VJ1092-1DA32-0AA0	3VJ1092-1EA42-0AA0
		32	3VJ1003-1DA22-0AA0	3VJ1003-1DA32-0AA0	3VJ1003-1EA42-0AA0
		40	3VJ1004-1DA22-0AA0	3VJ1004-1DA32-0AA0	3VJ1004-1EA42-0AA0
		50	3VJ1005-1DA22-0AA0	3VJ1005-1DA32-0AA0	3VJ1005-1EA42-0AA0
		63	3VJ1006-1DA22-0AA0	3VJ1006-1DA32-0AA0	3VJ1006-1EA42-0AA0
		80	3VJ1008-1DA22-0AA0	3VJ1008-1DA32-0AA0	3VJ1008-1EA42-0AA0
		100	3VJ1010-1DA22-0AA0	3VJ1010-1DA32-0AA0	3VJ1010-1EA42-0AA0
		125	3VJ1012-1DA22-0AA0	3VJ1012-1DA32-0AA0	3VJ1012-1EA42-0AA0
	25kA	20	3VJ1002-3DA22-0AA0	3VJ1002-3DA32-0AA0	3VJ1002-3EA42-0AA0
		25	3VJ1092-3DA22-0AA0	3VJ1092-3DA32-0AA0	3VJ1092-3EA42-0AA0
		32	3VJ1003-3DA22-0AA0	3VJ1003-3DA32-0AA0	3VJ1003-3EA42-0AA0
		40	3VJ1004-3DA22-0AA0	3VJ1004-3DA32-0AA0	3VJ1004-3EA42-0AA0
		50	3VJ1005-3DA22-0AA0	3VJ1005-3DA32-0AA0	3VJ1005-3EA42-0AA0
		63	3VJ1006-3DA22-0AA0	3VJ1006-3DA32-0AA0	3VJ1006-3EA42-0AA0
		80	3VJ1008-3DA22-0AA0	3VJ1008-3DA32-0AA0	3VJ1008-3EA42-0AA0
		100	3VJ1010-3DA22-0AA0	3VJ1010-3DA32-0AA0	3VJ1010-3EA42-0AA0
		125	3VJ1012-3DA22-0AA0	3VJ1012-3DA32-0AA0	3VJ1012-3EA42-0AA0

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	3 Pole Type	4 Pole Type
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DA22-0AA0	3VJ1216-3DA32-0AA0	3VJ1216-3EA42-0AA0
		200	3VJ1220-3DA22-0AA0	3VJ1220-3DA32-0AA0	3VJ1220-3EA42-0AA0
		250	3VJ1225-3DA22-0AA0	3VJ1225-3DA32-0AA0	3VJ1225-3EA42-0AA0
3VJ13 (VJ1 400)		320	–	3VJ1332-3DA32-0AA0	3VJ1332-3EA42-0AA0
		400	–	3VJ1340-3DA32-0AA0	3VJ1340-3EA42-0AA0
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DA22-0AA0	3VJ1192-5DA32-0AA0	3VJ1192-5EA42-0AA0
		32	3VJ1103-5DA22-0AA0	3VJ1103-5DA32-0AA0	3VJ1103-5EA42-0AA0
		40	3VJ1104-5DA22-0AA0	3VJ1104-5DA32-0AA0	3VJ1104-5EA42-0AA0
		50	3VJ1105-5DA22-0AA0	3VJ1105-5DA32-0AA0	3VJ1105-5EA42-0AA0
		63	3VJ1106-5DA22-0AA0	3VJ1106-5DA32-0AA0	3VJ1106-5EA42-0AA0
		80	3VJ1108-5DA22-0AA0	3VJ1108-5DA32-0AA0	3VJ1108-5EA42-0AA0
		100	3VJ1110-5DA22-0AA0	3VJ1110-5DA32-0AA0	3VJ1110-5EA42-0AA0
		125	3VJ1112-5DA22-0AA0	3VJ1112-5DA32-0AA0	3VJ1112-5EA42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-5DA22-0AA0	3VJ1216-5DA32-0AA0	3VJ1216-5EA42-0AA0
		200	3VJ1220-5DA22-0AA0	3VJ1220-5DA32-0AA0	3VJ1220-5EA42-0AA0
		250	3VJ1225-5DA22-0AA0	3VJ1225-5DA32-0AA0	3VJ1225-5EA42-0AA0
3VJ13 (VJ1 400)		320	–	3VJ1332-5DA32-0AA0	3VJ1332-5EA42-0AA0
		400	–	3VJ1340-5DA32-0AA0	3VJ1340-5EA42-0AA0
3VJ14 (VJ1 630) NEW		500	–	3VJ1450-5DA32-0AA0	3VJ1450-5EA42-0AA0
		630	–	3VJ1463-5DA32-0AA0	3VJ1463-5EA42-0AA0
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DA22-0AA0	3VJ1192-7DA32-0AA0	3VJ1192-7EA42-0AA0
		32	3VJ1103-7DA22-0AA0	3VJ1103-7DA32-0AA0	3VJ1103-7EA42-0AA0
		40	3VJ1104-7DA22-0AA0	3VJ1104-7DA32-0AA0	3VJ1104-7EA42-0AA0
		50	3VJ1105-7DA22-0AA0	3VJ1105-7DA32-0AA0	3VJ1105-7EA42-0AA0
		63	3VJ1106-7DA22-0AA0	3VJ1106-7DA32-0AA0	3VJ1106-7EA42-0AA0
		80	3VJ1108-7DA22-0AA0	3VJ1108-7DA32-0AA0	3VJ1108-7EA42-0AA0
		100	3VJ1110-7DA22-0AA0	3VJ1110-7DA32-0AA0	3VJ1110-7EA42-0AA0
		125	3VJ1112-7DA22-0AA0	3VJ1112-7DA32-0AA0	3VJ1112-7EA42-0AA0
3VJ12 (VJ1 250)		160	3VJ1216-7DA22-0AA0	3VJ1216-7DA32-0AA0	3VJ1216-7EA42-0AA0
		200	3VJ1220-7DA22-0AA0	3VJ1220-7DA32-0AA0	3VJ1220-7EA42-0AA0
		250	3VJ1225-7DA22-0AA0	3VJ1225-7DA32-0AA0	3VJ1225-7EA42-0AA0
3VJ13 (VJ1 400)		320	–	3VJ1332-7DA32-0AA0	3VJ1332-7EA42-0AA0
		400	–	3VJ1340-7DA32-0AA0	3VJ1340-7EA42-0AA0
3VJ14 (VJ1 630) NEW		500	–	3VJ1450-7DA32-0AA0	3VJ1450-7EA42-0AA0
		630	–	3VJ1463-7DA32-0AA0	3VJ1463-7EA42-0AA0

Notes:

Phase barriers are included in the standard MCCB packing

^2P in 3P Frame Size

Std. Pkg. = 1 unit

* MRP - Max. Retail Price



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

Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ10 (VJ1 125X)	10kA	20	3VJ1002-0DB32-0AA0	3VJ1002-0EB42-0AA0
		25	3VJ1092-0DB32-0AA0	3VJ1092-0EB42-0AA0
		32	3VJ1003-0DB32-0AA0	3VJ1003-0EB42-0AA0
		40	3VJ1004-0DB32-0AA0	3VJ1004-0EB42-0AA0
		50	3VJ1005-0DB32-0AA0	3VJ1005-0EB42-0AA0
		63	3VJ1006-0DB32-0AA0	3VJ1006-0EB42-0AA0
		80	3VJ1008-0DB32-0AA0	3VJ1008-0EB42-0AA0
		100	3VJ1010-0DB32-0AA0	3VJ1010-0EB42-0AA0
		125	3VJ1012-0DB32-0AA0	3VJ1012-0EB42-0AA0
	18kA	20	3VJ1002-1DB32-0AA0	3VJ1002-1EB42-0AA0
		25	3VJ1092-1DB32-0AA0	3VJ1092-1EB42-0AA0
		32	3VJ1003-1DB32-0AA0	3VJ1003-1EB42-0AA0
		40	3VJ1004-1DB32-0AA0	3VJ1004-1EB42-0AA0
		50	3VJ1005-1DB32-0AA0	3VJ1005-1EB42-0AA0
		63	3VJ1006-1DB32-0AA0	3VJ1006-1EB42-0AA0
		80	3VJ1008-1DB32-0AA0	3VJ1008-1EB42-0AA0
		100	3VJ1010-1DB32-0AA0	3VJ1010-1EB42-0AA0
		125	3VJ1012-1DB32-0AA0	3VJ1012-1EB42-0AA0
	25kA	20	3VJ1002-3DB32-0AA0	3VJ1002-3EB42-0AA0
		25	3VJ1092-3DB32-0AA0	3VJ1092-3EB42-0AA0
		32	3VJ1003-3DB32-0AA0	3VJ1003-3EB42-0AA0
		40	3VJ1004-3DB32-0AA0	3VJ1004-3EB42-0AA0
		50	3VJ1005-3DB32-0AA0	3VJ1005-3EB42-0AA0
		63	3VJ1006-3DB32-0AA0	3VJ1006-3EB42-0AA0
		80	3VJ1008-3DB32-0AA0	3VJ1008-3EB42-0AA0
		100	3VJ1010-3DB32-0AA0	3VJ1010-3EB42-0AA0
		125	3VJ1012-3DB32-0AA0	3VJ1012-3EB42-0AA0

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



Frame Size	Breaking Capacity @415V AC, 50/60Hz	Rated Current In (A)	3 Pole Type	4 Pole Type
3VJ12 (VJ1 250)	25kA	160	3VJ1216-3DB32-0AA0	3VJ1216-3EB42-0AA0
		200	3VJ1220-3DB32-0AA0	3VJ1220-3EB42-0AA0
		250	3VJ1225-3DB32-0AA0	3VJ1225-3EB42-0AA0
3VJ13 (VJ1 400)		320	3VJ1332-3DB32-0AA0	3VJ1332-3EB42-0AA0
		400	3VJ1340-3DB32-0AA0	3VJ1340-3EB42-0AA0
3VJ11 (VJ1 125)	36kA	25	3VJ1192-5DB32-0AA0	3VJ1192-5EB42-0AA0
		32	3VJ1103-5DB32-0AA0	3VJ1103-5EB42-0AA0
		40	3VJ1104-5DB32-0AA0	3VJ1104-5EB42-0AA0
		50	3VJ1105-5DB32-0AA0	3VJ1105-5EB42-0AA0
		63	3VJ1106-5DB32-0AA0	3VJ1106-5EB42-0AA0
		80	3VJ1108-5DB32-0AA0	3VJ1108-5EB42-0AA0
		100	3VJ1110-5DB32-0AA0	3VJ1110-5EB42-0AA0
		125	3VJ1112-5DB32-0AA0	3VJ1112-5EB42-0AA0
160		3VJ1216-5DB32-0AA0	3VJ1216-5EB42-0AA0	
200		3VJ1220-5DB32-0AA0	3VJ1220-5EB42-0AA0	
250		3VJ1225-5DB32-0AA0	3VJ1225-5EB42-0AA0	
3VJ13 (VJ1 400)		320	3VJ1332-5DB32-0AA0	3VJ1332-5EB42-0AA0
400		3VJ1340-5DB32-0AA0	3VJ1340-5EB42-0AA0	
3VJ14 (VJ1 630) NEW		500	3VJ1450-5DB32-0AA0	3VJ1450-5EB42-0AA0
		630	3VJ1463-5DB32-0AA0	3VJ1463-5EB42-0AA0
3VJ11 (VJ1 125)	55kA	25	3VJ1192-7DB32-0AA0	3VJ1192-7EB42-0AA0
		32	3VJ1103-7DB32-0AA0	3VJ1103-7EB42-0AA0
		40	3VJ1104-7DB32-0AA0	3VJ1104-7EB42-0AA0
		50	3VJ1105-7DB32-0AA0	3VJ1105-7EB42-0AA0
		63	3VJ1106-7DB32-0AA0	3VJ1106-7EB42-0AA0
		80	3VJ1108-7DB32-0AA0	3VJ1108-7EB42-0AA0
		100	3VJ1110-7DB32-0AA0	3VJ1110-7EB42-0AA0
		125	3VJ1112-7DB32-0AA0	3VJ1112-7EB42-0AA0
160		3VJ1216-7DB32-0AA0	3VJ1216-7EB42-0AA0	
200		3VJ1220-7DB32-0AA0	3VJ1220-7EB42-0AA0	
250		3VJ1225-7DB32-0AA0	3VJ1225-7EB42-0AA0	
3VJ13 (VJ1 400)		320	3VJ1332-7DB32-0AA0	3VJ1332-7EB42-0AA0
400		3VJ1340-7DB32-0AA0	3VJ1340-7EB42-0AA0	
3VJ14 (VJ1 630) NEW		500	3VJ1450-7DB32-0AA0	3VJ1450-7EB42-0AA0
		630	3VJ1463-7DB32-0AA0	3VJ1463-7EB42-0AA0

Earth Fault Protection for 3VJ MCCBs

Earth Leakage Protection for 3VJ MCCBs

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Frame Size	Accessory compartment/ Coil voltage	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13/14 (VJ1 400/630)
Accessory					
Auxiliary Switches (AUX)	Left	3VJ9018-0AN11	3VJ9218-0AN11	3VJ9218-0AN11	3VJ9417-0AN11
	Right	–	3VJ9218-0AN21	3VJ9218-0AN21	3VJ9417-0AN21
Alarm Switches (AL)	Left	3VJ9018-0AA11	3VJ9118-0AA11	3VJ9218-0AA11	3VJ9417-0AA11
	Right	–	3VJ9118-0AA21	3VJ9218-0AA21	3VJ9417-0AA21
Auxiliary + Alarm Switches (AUX+AL)	Left	3VJ9018-0AD11	3VJ9118-0AD11	3VJ9218-0AD11	3VJ9417-0AD11
	Right	–	3VJ9118-0AD21	3VJ9218-0AD21	3VJ9417-0AD21
Shunt Trip (Right) (ST)	24V DC	–	3VJ9218-0ST11	3VJ9218-0ST11	–
	24V AC/DC	–	–	–	3VJ9417-0ST21
	48V DC	–	3VJ9218-0ST12	3VJ9218-0ST12	–
	48V AC/DC	–	–	–	3VJ9417-0ST22
	110V DC	3VJ9018-0ST15	3VJ9218-0ST15	3VJ9218-0ST15	–
	110V AC/DC	–	–	–	3VJ9417-0ST25
	110V AC	3VJ9018-0ST35	3VJ9218-0ST35	3VJ9218-0ST35	–
	220V AC	3VJ9018-0ST36	3VJ9218-0ST36	3VJ9218-0ST36	3VJ9417-0ST36
	415V AC	3VJ9018-0ST37	3VJ9218-0ST37	3VJ9218-0ST37	3VJ9417-0ST37
Undervoltage Release (Left) (UVR)	24V DC	–	3VJ9218-0UV11	3VJ9218-0UV11	–
	48V DC	–	3VJ9218-0UV12	3VJ9218-0UV12	–
	220V AC	–	3VJ9218-0UV36	3VJ9218-0UV36	3VJ9417-0UV36
	415V AC	–	3VJ9218-0UV37	3VJ9218-0UV37	3VJ9417-0UV37

3VJ External accessories

Frame Size	No. of poles	3VJ10 (VJ1 125X)	3VJ11 (VJ1 125)	3VJ12 (VJ1 250)	3VJ13 (VJ1 400)	3VJ14 (VJ1 630)
Accessory						
Extended Door Mounted Rotary Operator (including 8UC handle)@	–	3VJ9018-0HD11	3VJ9118-0HD11	3VJ9218-0HD11	3VJ9417-0HD11	3VJ9417-0HD11
Spreader Links^	2P	3VJ9012-0ED00	3VJ9112-0ED00	3VJ9212-0ED00	–	–
	3P	3VJ9013-0ED00	3VJ9113-0ED00	3VJ9213-0ED00	3VJ9313-0ED00	3VJ9413-0ED00 NEW
	4P	3VJ9014-0ED00	3VJ9114-0ED00	3VJ9214-0ED00	3VJ9314-0ED00	3VJ9414-0ED00 NEW
Phase Barriers#		3VJ9018-0CA00	3VJ9218-0CA00	3VJ9218-0CA00	3VJ9417-0CA00	3VJ9417-0CA00
Front Barriers\$	2P/3P	3VJ9016-0CJ30	3VJ9116-0CJ30	3VJ9216-0CJ30	3VJ9413-0CJ30	3VJ9413-0CJ30
	4P	3VJ9014-0CJ40	3VJ9114-0CJ40	3VJ9214-0CJ40	3VJ9414-0CJ40	3VJ9414-0CJ40
Toogle handle extension	–	–	–	–	3VJ9417-0DH10	3VJ9417-0DH10
Interlocking (for MCCBs with 8UC handles) - Castell interlock kit	–	8UC60701YQ..	8UC60701YQ..	8UC60701YQ..	8UC60702YQ..	8UC60702YQ..
SS Enclosures NEW	2P/3P	3VJ9016-0DE11	3VJ9116-0DE11	3VJ9216-0DE12	–	–
	4P	3VJ9014-0DE11	3VJ9114-0DE11	3VJ9214-0DE12		

* MRP - Max. Retail Price