



PRODUCT BROCHURE

3VJ Series

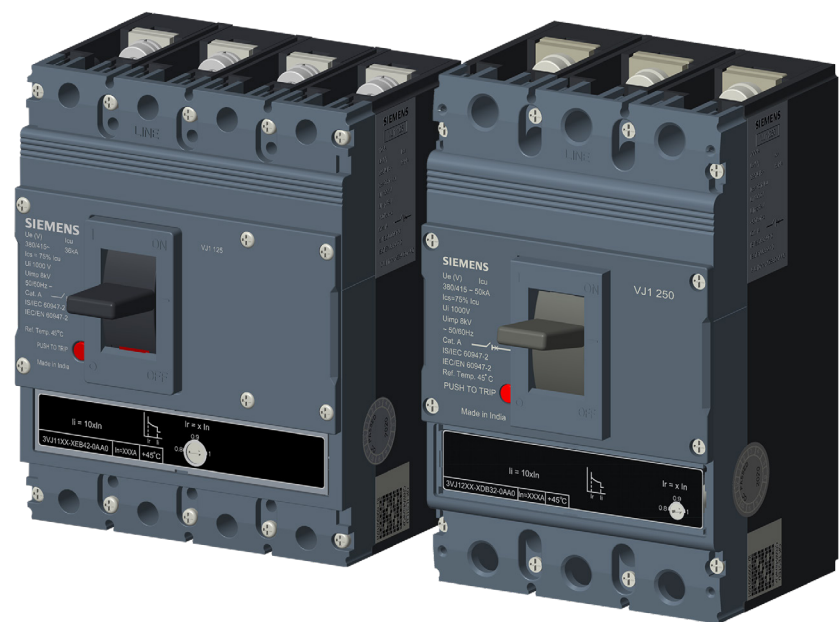
Molded Case Circuit Breakers

MARCH 2021

SIEMENS

3VJ SERIES

Molded Case Circuit Breakers



NEW!

THE EFFICIENT CHOICE

3VJ Molded Case Circuit Breakers with Thermal Magnetic Trip units offer the perfect solution whether in industrial applications, buildings, infrastructure or utilities.

The 3VJ MCCBs are the efficient choice for cost effective power distribution. It ensures reliable protection of personnel and plants with simple functional features that maximize benefits for users in all segments.

The 3VJ circuit breakers are available with rated operational currents ranging from 20 A to 630 A* and rated voltages up to 415 V. The ranges are available in 1, 2, 3 and 4-pole versions with 10, 18, 25, 36 and 55 kA breaking capacities. 3VJ MCCBs are delivered with 5 frame sizes.

3VJ MCCB conforms to these latest international standards; EN60947-2/2017, IS/IEC60947-2/2016 and pollution degree III.



*630A will launch in the next phase

KEY PRODUCT FEATURES

- 1

COMPACT
These MCCBs save space in enclosures & switchboards and reduces the overall size of the module.
- 2

RELIABLE & SAFE
Every piece of this MCCB is designed with the utmost quality for optimal performance. The 4 pole MCCB (100% rated) is perfect to operate in demanding applications.
- 3

FLEXIBLE
MCCBs come with common foot-prints from 10kA to 55kA breaking capacities and in addition no Neutral pole bias.
- 4

THE EFFICIENT CHOICE
This excellently crafted MCCB is coupled with user-friendly features and cost-effective solutions for power distribution.

THERMAL MAGNETIC TRIP UNIT

3VJ offers both FTFM and ATFM trip units for all ranges of components. It offers you N-conductor protection with 100% setting as all 4poles products.

Trip Units	Thermal Settings	Magnetic Settings
Fixed Thermal Fixed Magnetic (FTFM)	I_n	$10 I_n$
Adjustable Thermal Fixed Magnetic (ATFM)	$0.8 - 1 I_n$	$10 I_n$

ACCESSORIES

In addition to the basic protection units of 3VJ MCCBs, it also offers accessory components to provide an efficient solution for all your power distribution requirements.

EXTERNAL

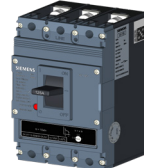
All important external accessories including Manual operators with position indicator, Mechanical interlocks, Spreaders, Toggle handle extension and Phase barriers as well as locking devices are available for all 3VJ frame sizes.

INTERNAL

All important internal accessories including Auxiliary and Alarm switches, Shunt trip and Undervoltage releases are available in categories of right and left cavity at different operating voltage levels.

TECHNICAL SPECIFICATIONS

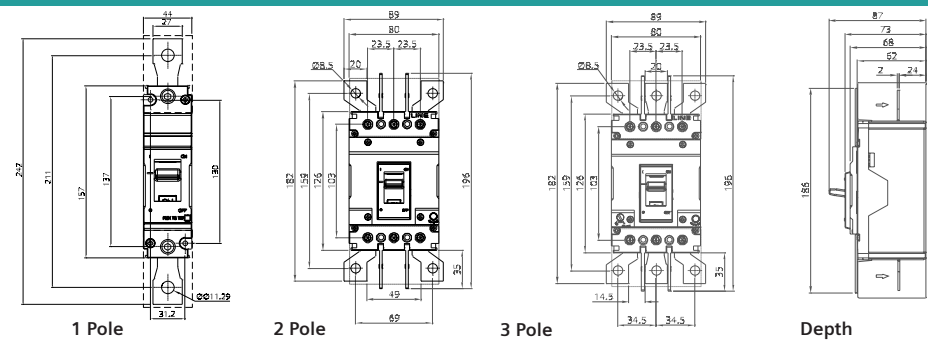
COMING SOON



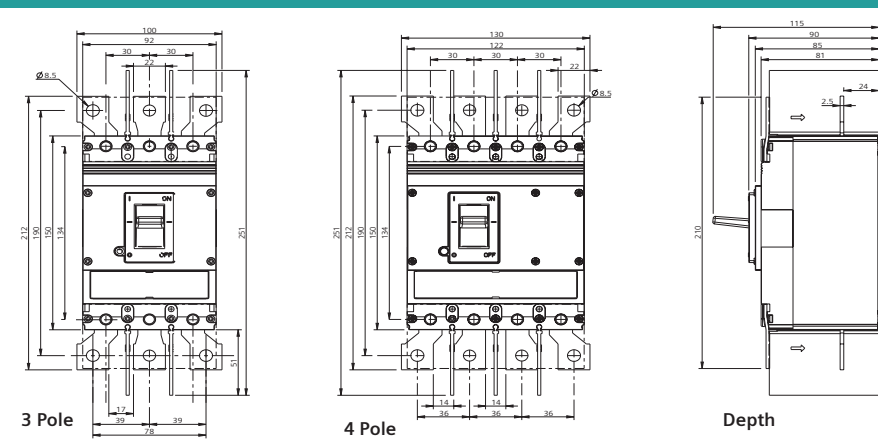
TYPE		3VJ10			3VJ11			3VJ12				3VJ13			3VJ14	
Number of poles		1, 2, 3, 4			2, 3, 4			1, 2, 3, 4				3, 4			3, 4	
Frame Size		125 X			125			250				400			630	
Rated operational current I_n A at 45°C ambient temperature		20 ... 125			20 ... 125			160 ... 250				320 ... 400			500 ... 630	
Rated operational voltage U_e 50/60 Hz AC	V	415			415			415				415			415	
Insulation voltage	V	800			1000			1000				1000			1000	
Impulse voltage	kV	6			8			8				8			8	
Suitable for Isolation		Yes			Yes			Yes				Yes			Yes	
Utilization category, according to IEC60947-2		A			A			A				A			A	
Breaking capacity																
Short-circuit breaking capacities I_{cu} or I_{cs} RMS value, according to IEC60947-2																
I_{cu} @ AC 415 V-50/60 Hz	kA	10	18	25	25	36	55	18	25	36	55	25	36	55	36	55
I_{cs} @ AC 415 V-50/60 Hz	kA	100% of I_{cu}	75% of I_{cu}		75% of I_{cu}			75% of I_{cu}				75% of I_{cu}			75% of I_{cu}	
Trip Units																
Fixed Thermal Fixed Magnetic	FTFM															
Adjustable Thermal Fixed Magnetic	ATFM															
Neutral Protection in 4P MCCB		100%			100%			100%				100%			100%	
Endurance																
Mechanical		15000			15000			15000				10000			10000	
Electrical 415V AC		3000			5000			5000				3000			3000	
Connection Technology																
Standard Connection Technology		Screw Terminal														
Overall Dimensions																
		1p	2p / 3p / 4p		2p / 3p / 4p			1p	2p / 3p / 4p			3p / 4p			3p / 4p	
Width x Depth x Height (mm)		32.6 x 61.8 x 118	80 (2p/3p) / 103.5(4p) x 68 x 126		92 (2p/3p) / 122.2(4p) x 85 x 150			46 x 81.5 x 150	107.5 (2p/3p) / 142.5 (4p) x 85 x 166			150 (3p) / 198 (4p) x 104 x 260			150 (3p) / 198 (4p) x 104 x 260	

PRODUCT DIMENSIONS

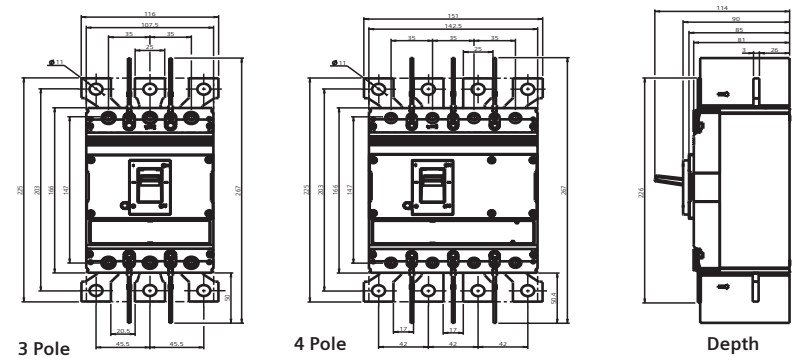
3VJ10



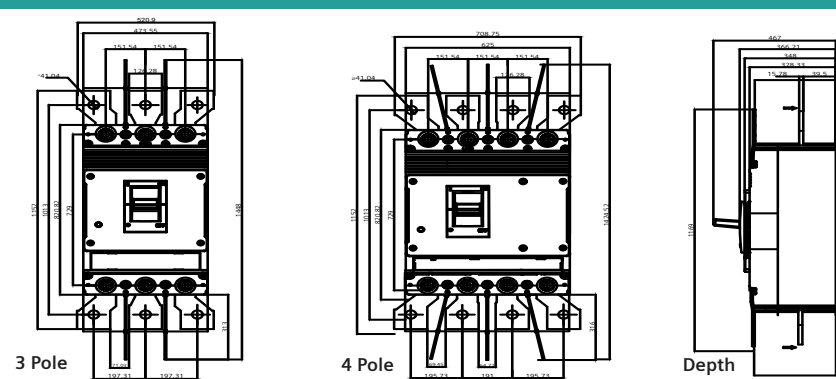
3VJ11



3VJ12



3VJ13



All dimensions are in mm

PRODUCT SELECTION GUIDE

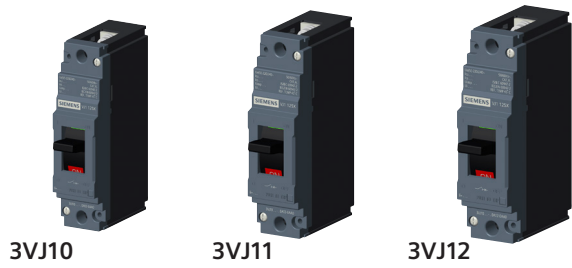
The order number is systematically structured and provides information about the most important features of the 3VJ Molded Case Circuit Breaker.

		3VJ	1	2	25	–	6	DA	3	6	–	0AA0
Breaker type:		1										
Frame size:	3VJ10	16 – 125		0								
	3VJ11	16 – 125		1								
	3VJ12	160 – 250		2								
	3VJ13	320 – 400		3								
	3VJ14	500 – 630		4								
Rated current in A:	3VJ10	3VJ11	3VJ12	3VJ13	3VJ14							
	$I_n = 20$	$I_n = 20$				02						
	$I_n = 25$	$I_n = 25$				92						
	$I_n = 32$	$I_n = 32$				03						
	$I_n = 40$	$I_n = 40$				04						
	$I_n = 50$	$I_n = 50$				05						
	$I_n = 63$	$I_n = 63$				06						
	$I_n = 80$	$I_n = 80$				08						
	$I_n = 100$	$I_n = 100$				10						
	$I_n = 125$	$I_n = 125$				12						
			$I_n = 160$			16						
			$I_n = 200$			20						
			$I_n = 250$			25						
				$I_n = 320$		32						
				$I_n = 400$		40						
					$I_n = 500$	50						
					$I_n = 630$	63						
Breaking capacity @ 415 V:	3VJ10	3VJ11	3VJ12*	3VJ13	3VJ14							
	1P 2P 3P 4P	2P 3P 4P	2P 3P 4P	3P 4P	3P 4P							
	10/10					0						
	18/12		18/12			1						
	25/18	25/18	25/18	25/18		3						
I_{cu} / I_{cs}		36/27	36/27	36/27	36/27	5						
		55/41	55/41	55/41	55/41	7						
Trip unit:		FTFM	1P 2P 3P					DA				
			4P					EA				
		ATFM	3P					DB				
			4P					EB				
Pole:	1-pole								1			
	2-pole								2			
	3-pole								3			
	4-pole								4			
Screw connection:										2		
Internal accessory:												W/O

*3VJ12 is also available in 1-Pole only 160 A and 18,25 kA

PRODUCT SELECTION

1 Pole Thermal Magnetic Trip Unit
Fixed Thermal Fixed Magnetic (FTFM)
415VAC + 50Hz



Frame Size	Nominal Current	Overload Protection L	Short-circuit Protection I	Order Number		
	I_n A	I_r A	I_i A	$I_{cu} = 10\text{kA at 415V}$	$I_{cu} = 18\text{kA at 415V}$	$I_{cu} = 25\text{kA at 415V}$
3VJ10	20	20	500	3VJ1002-0DA12-0AA0	3VJ1002-1DA12-0AA0	3VJ1002-3DA12-0AA0
	25	25	500	3VJ1092-0DA12-0AA0	3VJ1092-1DA12-0AA0	3VJ1092-3DA12-0AA0
	32	32	550	3VJ1003-0DA12-0AA0	3VJ1003-1DA12-0AA0	3VJ1003-3DA12-0AA0
	40	40	550	3VJ1004-0DA12-0AA0	3VJ1004-1DA12-0AA0	3VJ1004-3DA12-0AA0
	50	50	600	3VJ1005-0DA12-0AA0	3VJ1005-1DA12-0AA0	3VJ1005-3DA12-0AA0
	63	63	850	3VJ1006-0DA12-0AA0	3VJ1006-1DA12-0AA0	3VJ1006-3DA12-0AA0
	80	80	850	3VJ1008-0DA12-0AA0	3VJ1008-1DA12-0AA0	3VJ1008-3DA12-0AA0
	100	100	1250	3VJ1010-0DA12-0AA0	3VJ1010-1DA12-0AA0	3VJ1010-3DA12-0AA0
	125	125	1250	3VJ1012-0DA12-0AA0	3VJ1012-1DA12-0AA0	3VJ1012-3DA12-0AA0
3VJ11	25	25	500	--	--	--
	32	32	600	--	--	--
	40	40	600	--	--	--
	50	50	600	--	--	--
	63	63	630	--	--	--
	80	80	800	--	--	--
	100	100	1000	--	--	--
	125	125	1250	--	--	--
3VJ12	160	160	1600	--	3VJ1216-1DA12-0AA0	3VJ1216-3DA12-0AA0

2 Pole Thermal Magnetic Trip Unit
Fixed Thermal Fixed Magnetic (FTFM)
415VAC + 50Hz



Frame Size	Nominal Current	Overload Protection L	Short-circuit Protection I	Order Number				
	I_n A	I_r A	I_i A	$I_{cu} = 10\text{kA at 415V}$	$I_{cu} = 18\text{kA at 415V}$	$I_{cu} = 25\text{kA at 415V}$	$I_{cu} = 36\text{kA at 415V}$	$I_{cu} = 55\text{kA at 415V}$
3VJ10	20	20	500	3VJ1002-0DA22-0AA0	3VJ1002-1DA22-0AA0	3VJ1002-3DA22-0AA0	--	--
	25	25	500	3VJ1092-0DA22-0AA0	3VJ1092-1DA22-0AA0	3VJ1092-3DA22-0AA0	--	--
	32	32	550	3VJ1003-0DA22-0AA0	3VJ1003-1DA22-0AA0	3VJ1003-3DA22-0AA0	--	--
	40	40	550	3VJ1004-0DA22-0AA0	3VJ1004-1DA22-0AA0	3VJ1004-3DA22-0AA0	--	--
	50	50	600	3VJ1005-0DA22-0AA0	3VJ1005-1DA22-0AA0	3VJ1005-3DA22-0AA0	--	--
	63	63	850	3VJ1006-0DA22-0AA0	3VJ1006-1DA22-0AA0	3VJ1006-3DA22-0AA0	--	--
	80	80	850	3VJ1008-0DA22-0AA0	3VJ1008-1DA22-0AA0	3VJ1008-3DA22-0AA0	--	--
	100	100	1250	3VJ1010-0DA22-0AA0	3VJ1010-1DA22-0AA0	3VJ1010-3DA22-0AA0	--	--
	125	125	1250	3VJ1012-0DA22-0AA0	3VJ1012-1DA22-0AA0	3VJ1012-3DA22-0AA0	--	--
3VJ11	25	25	500	--	--	--	3VJ1192-5DA22-0AA0	3VJ1192-7DA22-0AA0
	32	32	550	--	--	--	3VJ1103-5DA22-0AA0	3VJ1103-7DA22-0AA0
	40	40	550	--	--	--	3VJ1104-5DA22-0AA0	3VJ1104-7DA22-0AA0
	50	50	600	--	--	--	3VJ1105-5DA22-0AA0	3VJ1105-7DA22-0AA0
	63	63	850	--	--	--	3VJ1106-5DA22-0AA0	3VJ1106-7DA22-0AA0
	80	80	850	--	--	--	3VJ1108-5DA22-0AA0	3VJ1108-7DA22-0AA0
	100	100	1,250	--	--	--	3VJ1110-5DA22-0AA0	3VJ1110-7DA22-0AA0
	125	125	1,250	--	--	--	3VJ1112-5DA22-0AA0	3VJ1112-7DA22-0AA0
3VJ12	160	160	1600		3VJ1216-1DA22-0AA0	3VJ1216-3DA22-0AA0	3VJ1216-5DA22-0AA0	3VJ1216-7DA22-0AA0
	200	200	2000		3VJ1220-1DA22-0AA0	3VJ1220-3DA22-0AA0	3VJ1220-5DA22-0AA0	3VJ1220-7DA22-0AA0
	250	250	2500		3VJ1225-1DA22-0AA0	3VJ1225-3DA22-0AA0	3VJ1225-5DA22-0AA0	3VJ1225-7DA22-0AA0

PRODUCT SELECTION

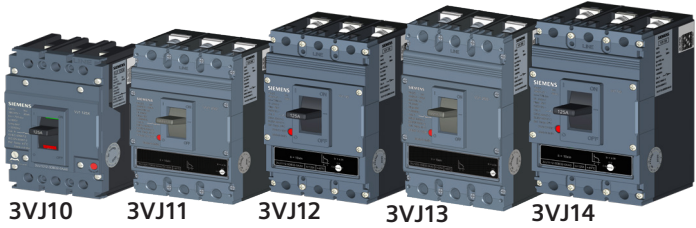
3 Pole Thermal Magnetic Trip Unit
Fixed Thermal Fixed Magnetic (FTFM)
415VAC + 50Hz



Frame Size	Nominal Current I_n A	Overload Protection L I_r A	Short-circuit Protection I I_i A	Order Number				
				I_{cu} = 10kA at 415V	I_{cu} = 18kA at 415V	I_{cu} = 25kA at 415V	I_{cu} = 36kA at 415V	I_{cu} = 55kA at 415V
3VJ10	20	20	500	3VJ1002-0DA32-0AA0	3VJ1002-1DA32-0AA0	3VJ1002-3DA32-0AA0	--	--
	25	25	500	3VJ1092-0DA32-0AA0	3VJ1092-1DA32-0AA0	3VJ1092-3DA32-0AA0	--	--
	32	32	550	3VJ1003-0DA32-0AA0	3VJ1003-1DA32-0AA0	3VJ1003-3DA32-0AA0	--	--
	40	40	550	3VJ1004-0DA32-0AA0	3VJ1004-1DA32-0AA0	3VJ1004-3DA32-0AA0	--	--
	50	50	600	3VJ1005-0DA32-0AA0	3VJ1005-1DA32-0AA0	3VJ1005-3DA32-0AA0	--	--
	63	63	850	3VJ1006-0DA32-0AA0	3VJ1006-1DA32-0AA0	3VJ1006-3DA32-0AA0	--	--
	80	80	850	3VJ1008-0DA32-0AA0	3VJ1008-1DA32-0AA0	3VJ1008-3DA32-0AA0	--	--
	100	100	1250	3VJ1010-0DA32-0AA0	3VJ1010-1DA32-0AA0	3VJ1010-3DA32-0AA0	--	--
	125	125	1250	3VJ1012-0DA32-0AA0	3VJ1012-1DA32-0AA0	3VJ1012-3DA32-0AA0	--	--
3VJ11	25	25	550	--	--	--	3VJ1192-5DA32-0AA0	3VJ1192-7DA32-0AA0
	32	32	600	--	--	--	3VJ1103-5DA32-0AA0	3VJ1103-7DA32-0AA0
	40	40	600	--	--	--	3VJ1104-5DA32-0AA0	3VJ1104-7DA32-0AA0
	50	50	600	--	--	--	3VJ1105-5DA32-0AA0	3VJ1105-7DA32-0AA0
	63	63	630	--	--	--	3VJ1106-5DA32-0AA0	3VJ1106-7DA32-0AA0
	80	80	800	--	--	--	3VJ1108-5DA32-0AA0	3VJ1108-7DA32-0AA0
	100	100	1000	--	--	--	3VJ1110-5DA32-0AA0	3VJ1110-7DA32-0AA0
	125	125	1250	--	--	--	3VJ1112-5DA32-0AA0	3VJ1112-7DA32-0AA0
3VJ12	160	160	1600	--	3VJ1216-1DA32-0AA0	3VJ1216-3DA32-0AA0	3VJ1216-5DA32-0AA0	3VJ1216-7DA32-0AA0
	200	200	2000	--	3VJ1220-1DA32-0AA0	3VJ1220-3DA32-0AA0	3VJ1220-5DA32-0AA0	3VJ1220-7DA32-0AA0
	250	250	2500	--	3VJ1225-1DA32-0AA0	3VJ1225-3DA32-0AA0	3VJ1225-5DA32-0AA0	3VJ1225-7DA32-0AA0
3VJ13	320	320	3200	--	--	3VJ1332-3DA32-0AA0	3VJ1332-5DA32-0AA0	3VJ1332-7DA32-0AA0
	400	400	4000	--	--	3VJ1340-3DA32-0AA0	3VJ1340-5DA32-0AA0	3VJ1340-7DA32-0AA0
3VJ14	500	500	5000	--	--	--	3VJ1450-5DA32-0AA0*	3VJ1450-7DA32-0AA0*
	630	630	6300	--	--	--	3VJ1463-5DA32-0AA0*	3VJ1463-7DA32-0AA0*

*Coming soon

3 Pole Thermal Magnetic Trip Unit
Adjustable Thermal Fixed Magnetic (ATFM)
415VAC + 50Hz



Frame Size	Nominal Current I_n A	Overload Protection L I_r A	Short-circuit Protection I I_i A	Order Number				
				I_{cu} = 10kA at 415V	I_{cu} = 18kA at 415V	I_{cu} = 25kA at 415V	I_{cu} = 36kA at 415V	I_{cu} = 55kA at 415V
3VJ10	20	0.8 – 1 I_n	500	3VJ1002-0DB32-0AA0	3VJ1002-1DB32-0AA0	3VJ1002-3DB32-0AA0	--	--
	25		500	3VJ1092-0DB32-0AA0	3VJ1092-1DB32-0AA0	3VJ1092-3DB32-0AA0	--	--
	32		550	3VJ1003-0DB32-0AA0	3VJ1003-1DB32-0AA0	3VJ1003-3DB32-0AA0	--	--
	40		550	3VJ1004-0DB32-0AA0	3VJ1004-1DB32-0AA0	3VJ1004-3DB32-0AA0	--	--
	50		600	3VJ1005-0DB32-0AA0	3VJ1005-1DB32-0AA0	3VJ1005-3DB32-0AA0	--	--
	63		850	3VJ1006-0DB32-0AA0	3VJ1006-1DB32-0AA0	3VJ1006-3DB32-0AA0	--	--
	80		850	3VJ1008-0DB32-0AA0	3VJ1008-1DB32-0AA0	3VJ1008-3DB32-0AA0	--	--
	100		1250	3VJ1010-0DB32-0AA0	3VJ1010-1DB32-0AA0	3VJ1010-3DB32-0AA0	--	--
	125		1250	3VJ1012-0DB32-0AA0	3VJ1012-1DB32-0AA0	3VJ1012-3DB32-0AA0	--	--
3VJ11	25	0.8 – 1 I_n	550				3VJ1192-5DB32-0AA0	3VJ1192-7DB32-0AA0
	32		600		--	--	3VJ1103-5DB32-0AA0	3VJ1103-7DB32-0AA0
	40		600		--	--	3VJ1104-5DB32-0AA0	3VJ1104-7DB32-0AA0
	50		600		--	--	3VJ1105-5DB32-0AA0	3VJ1105-7DB32-0AA0
	63		630		--	--	3VJ1106-5DB32-0AA0	3VJ1106-7DB32-0AA0
	80		800		--	--	3VJ1108-5DB32-0AA0	3VJ1108-7DB32-0AA0
	100		1000		--	--	3VJ1110-5DB32-0AA0	3VJ1110-7DB32-0AA0
	125		1250		--	--	3VJ1112-5DB32-0AA0	3VJ1112-7DB32-0AA0
3VJ12	160	0.8 – 1 I_n	1600		3VJ1216-1DB32-0AA0	3VJ1216-3DB32-0AA0	3VJ1216-5DB32-0AA0	3VJ1216-7DB32-0AA0
	200		2000		3VJ1220-1DB32-0AA0	3VJ1220-3DB32-0AA0	3VJ1220-5DB32-0AA0	3VJ1220-7DB32-0AA0
	250		2500		3VJ1225-1DB32-0AA0	3VJ1225-3DB32-0AA0	3VJ1225-5DB32-0AA0	3VJ1225-7DB32-0AA0
3VJ13	320	0.8 – 1 I_n	3200			3VJ1332-3DB32-0AA0	3VJ1332-5DB32-0AA0	3VJ1332-7DB32-0AA0
	400		4000			3VJ1340-3DB32-0AA0	3VJ1340-5DB32-0AA0	3VJ1340-7DB32-0AA0
3VJ14	500	0.8 – 1 I_n	5000				3VJ1450-5DB32-0AA0*	3VJ1450-7DB32-0AA0*
	630		6300				3VJ1463-5DB32-0AA0*	3VJ1463-7DB32-0AA0*

*Coming soon

PRODUCT SELECTION

4 Pole Thermal Magnetic Trip Unit
Fixed Thermal Fixed Magnetic (FTFM)
415VAC + 50Hz



Frame Size	Nominal Current I_n A	Overload Protection L I_r A	Short-circuit Protection I I_i A	Order Number				
				I_{cu} = 10kA at 415V	I_{cu} = 18kA at 415V	I_{cu} = 25kA at 415V	I_{cu} = 36kA at 415V	I_{cu} = 55kA at 415V
3VJ10	20	20	500	3VJ1002-0DA42-0AA0	3VJ1002-1DA42-0AA0	3VJ1002-3DA42-0AA0	--	--
	25	25	500	3VJ1092-0DA42-0AA0	3VJ1092-1DA42-0AA0	3VJ1092-3DA42-0AA0	--	--
	32	32	550	3VJ1003-0DA42-0AA0	3VJ1003-1DA42-0AA0	3VJ1003-3DA42-0AA0	--	--
	40	40	550	3VJ1004-0DA42-0AA0	3VJ1004-1DA42-0AA0	3VJ1004-3DA42-0AA0	--	--
	50	50	600	3VJ1005-0DA42-0AA0	3VJ1005-1DA42-0AA0	3VJ1005-3DA42-0AA0	--	--
	63	63	850	3VJ1006-0DA42-0AA0	3VJ1006-1DA42-0AA0	3VJ1006-3DA42-0AA0	--	--
	80	80	850	3VJ1008-0DA42-0AA0	3VJ1008-1DA42-0AA0	3VJ1008-3DA42-0AA0	--	--
	100	100	1250	3VJ1010-0DA42-0AA0	3VJ1010-1DA42-0AA0	3VJ1010-3DA42-0AA0	--	--
	125	125	1250	3VJ1012-0DA42-0AA0	3VJ1012-1DA42-0AA0	3VJ1012-3DA42-0AA0	--	--
3VJ11	25	25	550	--	--	--	3VJ1192-5DA42-0AA0	3VJ1192-7DA42-0AA0
	32	32	600	--	--	--	3VJ1103-5DA42-0AA0	3VJ1103-7DA42-0AA0
	40	40	600	--	--	--	3VJ1104-5DA42-0AA0	3VJ1104-7DA42-0AA0
	50	50	600	--	--	--	3VJ1105-5DA42-0AA0	3VJ1105-7DA42-0AA0
	63	63	630	--	--	--	3VJ1106-5DA42-0AA0	3VJ1106-7DA42-0AA0
	80	80	800	--	--	--	3VJ1108-5DA42-0AA0	3VJ1108-7DA42-0AA0
	100	100	1000	--	--	--	3VJ1110-5DA42-0AA0	3VJ1110-7DA42-0AA0
	125	125	1250	--	--	--	3VJ1112-5DA42-0AA0	3VJ1112-7DA42-0AA0
3VJ12	160	160	1600	--	3VJ1216-1DA42-0AA0	3VJ1216-3DA42-0AA0	3VJ1216-5DA42-0AA0	3VJ1216-7DA42-0AA0
	200	200	2000	--	3VJ1220-1DA42-0AA0	3VJ1220-3DA42-0AA0	3VJ1220-5DA42-0AA0	3VJ1220-7DA42-0AA0
	250	250	2500	--	3VJ1225-1DA42-0AA0	3VJ1225-3DA42-0AA0	3VJ1225-5DA42-0AA0	3VJ1225-7DA42-0AA0
3VJ13	320	320	3200	--	--	3VJ1332-3DA42-0AA0	3VJ1332-5DA42-0AA0	3VJ1332-7DA42-0AA0
	400	400	4000	--	--	3VJ1340-3DA42-0AA0	3VJ1340-5DA42-0AA0	3VJ1340-7DA42-0AA0
3VJ14	500	500	5000	--	--	--	3VJ1450-5DA42-0AA0*	3VJ1450-7DA42-0AA0*
	630	630	6300	--	--	--	3VJ1463-5DA42-0AA0*	3VJ1463-7DA42-0AA0*

*Coming soon

4 Pole Thermal Magnetic Trip Unit
Adjustable Thermal Fixed Magnetic (ATFM)
415VAC + 50Hz

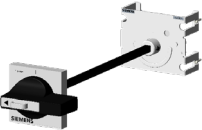
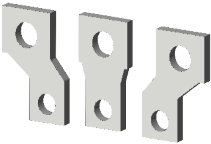
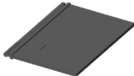
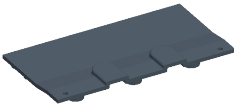


Frame Size	Nominal Current I_n A	Overload Protection L I_r A	Short-circuit Protection I I_i A	Order Number				
				I_{cu} = 10kA at 415V	I_{cu} = 18kA at 415V	I_{cu} = 25kA at 415V	I_{cu} = 36kA at 415V	I_{cu} = 55kA at 415V
3VJ10	20	$0.8 - 1 I_n$	500	3VJ1002-0DB42-0AA0	3VJ1002-1DB42-0AA0	3VJ1002-3DB42-0AA0	--	--
	25		500	3VJ1092-0DB42-0AA0	3VJ1092-1DB42-0AA0	3VJ1092-3DB42-0AA0	--	--
	32		550	3VJ1003-0DB42-0AA0	3VJ1003-1DB42-0AA0	3VJ1003-3DB42-0AA0	--	--
	40		550	3VJ1004-0DB42-0AA0	3VJ1004-1DB42-0AA0	3VJ1004-3DB42-0AA0	--	--
	50		600	3VJ1005-0DB42-0AA0	3VJ1005-1DB42-0AA0	3VJ1005-3DB42-0AA0	--	--
	63		850	3VJ1006-0DB42-0AA0	3VJ1006-1DB42-0AA0	3VJ1006-3DB42-0AA0	--	--
	80		850	3VJ1008-0DB42-0AA0	3VJ1008-1DB42-0AA0	3VJ1008-3DB42-0AA0	--	--
	100		1250	3VJ1010-0DB42-0AA0	3VJ1010-1DB42-0AA0	3VJ1010-3DB42-0AA0	--	--
	125		1250	3VJ1012-0DB42-0AA0	3VJ1012-1DB42-0AA0	3VJ1012-3DB42-0AA0	--	--
3VJ11	25	$0.8 - 1 I_n$	550				3VJ1192-5DB42-0AA0	3VJ1192-7DB42-0AA0
	32		600		--	--	3VJ1103-5DB42-0AA0	3VJ1103-7DB42-0AA0
	40		600		--	--	3VJ1104-5DB42-0AA0	3VJ1104-7DB42-0AA0
	50		600		--	--	3VJ1105-5DB42-0AA0	3VJ1105-7DB42-0AA0
	63		630		--	--	3VJ1106-5DB42-0AA0	3VJ1106-7DB42-0AA0
	80		800		--	--	3VJ1108-5DB42-0AA0	3VJ1108-7DB42-0AA0
	100		1000		--	--	3VJ1110-5DB42-0AA0	3VJ1110-7DB42-0AA0
	125		1250		--	--	3VJ1112-5DB42-0AA0	3VJ1112-7DB42-0AA0
3VJ12	160	$0.8 - 1 I_n$	1600		3VJ1216-1DB42-0AA0	3VJ1216-3DB42-0AA0	3VJ1216-5DB42-0AA0	3VJ1216-7DB42-0AA0
	200		2000		3VJ1220-1DB42-0AA0	3VJ1220-3DB42-0AA0	3VJ1220-5DB42-0AA0	3VJ1220-7DB42-0AA0
	250		2500		3VJ1225-1DB42-0AA0	3VJ1225-3DB42-0AA0	3VJ1225-5DB42-0AA0	3VJ1225-7DB42-0AA0
3VJ13	320	$0.8 - 1 I_n$	3200			3VJ1332-3DB42-0AA0	3VJ1332-5DB42-0AA0	3VJ1332-7DB42-0AA0
	400		4000		3VJ1340-3DB42-0AA0	3VJ1340-5DB42-0AA0	3VJ1340-7DB42-0AA0	
3VJ14	500	$0.8 - 1 I_n$	5000				3VJ1450-5DB42-0AA0*	3VJ1450-7DB42-0AA0*
	630		6300				3VJ1463-5DB42-0AA0*	3VJ1463-7DB42-0AA0*

*Coming soon

PRODUCT DETAILS

EXTERNAL ACCESSORIES

ACCESSORIES		FRAME SIZE				
		3VJ10	3VJ11	3VJ12	3VJ13	3VJ14
Extended Door Mounted Rotary Operator (including 8UC handle) ¹						
		3VJ9018-0HD11	3VJ9118-0HD11	3VJ9218-0HD11	3VJ9417-0HD11	3VJ9417-0HD11
Straight Terminals ²						
		3VJ9011-0EC00	--	3VJ9211-0EC00	--	--
Spreader Terminals ³						
	2P	3VJ9012-0ED00	3VJ9112-0ED00	3VJ9212-0ED00	--	--
	3P	3VJ9013-0ED00	3VJ9113-0ED00	3VJ9213-0ED00	3VJ9313-0ED00	3VJ9413-0ED00*
	4P	3VJ9014-0ED00	3VJ9114-0ED00	3VJ9214-0ED00	3VJ9314-0ED00	3VJ9414-0ED00*
Phase Barriers ⁴						
		3VJ9018-0CA00	3VJ9218-0CA00	3VJ9218-0CA00	3VJ9018-0CA00	3VJ9018-0CA00
Terminal Covers ⁵						
	1P	3VJ9011-0CJ10	--	3VJ9211-0CJ10	--	--
	3P	3VJ9016-0CJ30	3VJ9116-0CJ30	3VJ9216-0CJ30	3VJ9413-0CJ30	3VJ9413-0CJ30
	4P	3VJ9014-0CJ40	3VJ9114-0CJ40	3VJ9214-0CJ40	3VJ9414-0CJ40	3VJ9414-0CJ40
Locking device						
		--	3VJ9118-0LM10	3VJ9218-0LM10	3VJ9317-0LM10	3VJ9317-0LM10
Mechanical Interlock (2 pieces)						
	3P	--	3VJ9116-0VM10	3VJ9216-0VM10	3VJ9313-0VM10	3VJ9313-0VM10
	4P	--	3VJ9114-0VM10	3VJ9214-0VM10	3VJ9314-0VM10	3VJ9314-0VM10
Toggle handle extension						
		--	--	--	3VJ9417-0DH10	3VJ9417-0DH10

¹⁾ 1 set contains rotary mechanism, coupler, shaft and 8UC handle.

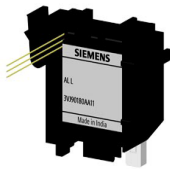
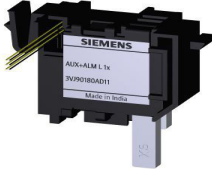
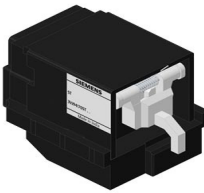
²⁾ Straight Terminals: 1 set = 2 pieces.-

³⁾ Spreader Terminal: 1 set = 3 pieces for 3-pole and 4pieces in case of 4-pole.

⁴⁾ Available as a standard: 1 set contains 2 phase barriers.

⁵⁾ Available as a standard: 1 set contains 2 terminal covers (top & bottom).

INTERNAL ACCESSORIES

ACCESSORIES		FRAME SIZE				
		3VJ10	3VJ11	3VJ12	3VJ13	3VJ14
AUX Auxiliary Switch						
	L	3VJ9018-0AN11	3VJ9218-0AN11	3VJ9218-0AN11		
	R	3VJ9018-0AN21	3VJ9218-0AN21	3VJ9218-0AN21		
AL Alarm Switch						
	L	3VJ9018-0AA11	3VJ9118-0AA11	3VJ9218-0AA11		
	R	--	3VJ9118-0AA21	3VJ9218-0AA21		
AUX + AL Auxiliary Switch						
	L	3VJ9018-0AD11	3VJ9118-0AD11	3VJ9218-0AD11	3VJ9417-0AD11	3VJ9417-0AD11
	R	--	3VJ9118-0AD21	3VJ9218-0AD21	3VJ9417-0AD21	3VJ9417-0AD21
STL Shunt Trip						
	24V DC		3VJ9218-0ST11		3VJ9417-0ST21	
	48V DC		3VJ9218-0ST12		3VJ9417-0ST22	
	110V DC		3VJ9218-0ST15		3VJ9417-0ST25	
	110V AC		3VJ9218-0ST35		3VJ9417-0ST25	
	220V AC		3VJ9218-0ST36		3VJ9417-0ST36	
	415V AC		3VJ9218-0ST37		3VJ9417-0ST37	
UVR Under Voltage Release						
	24V DC	--	3VJ9218-0UV11	3VJ9417-0UV11*		
	48V DC		3VJ9218-0UV12	3VJ9417-0UV12*		
	220V AC		3VJ9218-0UV36	3VJ9417-0UV36		
	415V AC		3VJ9218-0UV37	3VJ9417-0UV37		

3VJ Series Product Brochure 2021

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