



Type	3RV10				3RV13					
SIRIUS 3RV1 molded case motor starter protectors up to 800 A										
Applications										
Motor protection	✓				--					
Starter combinations	--				✓					
Switching capacity	Standard switching capacity				Standard switching capacity				Increased switching capacity	
Size	3RV10 63	3RV10 73	3RV10 83	3RV13 53	3RV13 63	3RV13 73	3RV13 83	3RV13 64	3RV13 74	
Rated current I_n	A 100, 160, 200	400	630	1 ... 32	100, 160, 250	400, 630	630, 800	100, 160, 250	400	
Rated operational voltage U_e according to IEC	V 690 AC				690 AC					
Rated frequency	Hz 50/60				50/60					
Trip class	CLASS 10A CLASS 10 CLASS 20 CLASS 30			... ¹⁾						
Thermal overload releases	A 40 ... 100 to A 252 ... 630				None ¹⁾					
Electronic releases A multiple of the rated current	Adjustable, 6 ... 13 times			Non-adjustable 1 A ... 12.5 A: 13 times; adjustable 20 A, 32 A: 6 ... 12 times	1 ... 10 times					
Short-circuit breaking capacity I_{cu} at 400 V AC	kA 120	120	100	85	120	120	100	200	200	
Trip units	TU 4			TU 1: 1 A ... 12.5 A; TU 2: 20 A, 32 A	TU 3					

Accessories									
For molded case motor starter protectors	3RV10 63	3RV10 73	3RV10 83	3RV13 53	3RV13 63	3RV13 73	3RV13 83	3RV13 64	3RV13 74
Auxiliary switches	✓	✓	✓	✓	✓	✓	✓	✓	✓
Undervoltage releases	✓	✓	✓	✓	✓	✓	✓	✓	✓
Shunt releases	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rotary operating mechanisms	✓	✓	✓	✓	✓	✓	✓	✓	✓
Connection methods									
• Front-extended terminals	✓	✓	--	✓	✓	✓	--	✓	✓
• Front-accessible cable terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Rear terminals	✓	✓	✓	✓	✓	✓	✓	✓	✓

¹⁾ For overload protection of the motors, appropriate overload relays must be used.

✓ = Has this function or can use this accessory

-- = Does not have this function or cannot use this accessory