








Selection and ordering data

Type	Design	For SIRIUS MSP Frame Size	Screw connection Order No.	List Price \$	Weight approx. kg				
Auxiliary switches¹⁾									
3RV19 01-1E 	Transverse auxiliary switch²⁾ with screw connection	SPDT contact 1 NO + 1 NC 2 NO	S00, S0, S2, S3	3RV19 01-1D 3RV19 01-1E 3RV19 01-1F	0.02				
3RV1901-1G 	Solid-state compatible, transverse auxiliary switch²⁾ with screw connection	SPDT contact	S00, S0, S2, S3	3RV19 01-1G	0.02				
3RV1901-0H 	for use in dusty atmosphere and in electronic circuits with low operating currents								
3RV1901-1A 3RV1901-1J 	Covering caps for transverse auxiliary switches		S00, S0, S2, S3	3RV19 01-0H	Standard package quantity=10				
	Lateral auxiliary switches with screw connection (Side Mount)	1 NO + 1 NC 2 NO 2 NC 2 NO + 2 NC	S00, S0, S2, S3	3RV19 01-1A 3RV19 01-1B 3RV19 01-1C 3RV19 01-1J	0.03 0.06				
Signalling switch³⁾									
3RV19 21-1M 	Signalling switch (Side Mount)	Individual tripped and short-circuit signaling, 1 NO + 1 NC each	S0, S2, S3	3RV19 21-1M	0.07				
Auxiliary releases⁴⁾									
3RV19 02-1DP0 	Undervoltage release (Side Mount)	DC	S00, S0, S2, S3	3RV19 02-1AB4	0.12				
		24 V							
	Undervoltage release with leading auxiliary contacts 2 NO (Side Mount)	AC 50 Hz	S00, S0, S2, S3	3RV19 02-1AB0 3RV19 02-1AF0 3RV19 02-1AM1 3RV19 02-1AP0 3RV19 02-1AV0 3RV19 02-1AV1 3RV19 02-1AS0	0.12				
		20-24 V				–			
		90-110 V				120 V			
		–				208 V			
		210-230 V				240 V			
		400 V				–			
		350-415 V				480 V			
		500 V				–			
		230 V				240 V	S00	3RV19 12-1CP0 3RV19 12-1CV0 3RV19 12-1CV1	0.11
		400 V				–			
	415 V	480 V		3RV19 22-1CP0 3RV19 22-1CV0 3RV19 22-1CV1	0.11				
	230 V	240 V	S0, S2, S3						
	400 V	–							
	415 V	480 V							
	Shunt release (Side Mount)	AC 50/60 Hz 100% ON⁵⁾	S00, S0, S2, S3	3RV19 02-1DB0 3RV19 02-1DF0 3RV19 02-1DP0 3RV19 02-1DV0 3RV19 02-1DS0	0.11				
		20– 24 V				20– 70 V			
		90–110 V				70–190 V			
		200–240 V				190–330 V			
		350–415 V				330–500 V			
	500 V	500 V							

Terminals for "Combination Motor Controller Type E" to UL 508

3RV19 28-1H 	Note: As of July 2001, UL 508 demands for "Combination Motor Controller Type E" 1" air gaps and 2" creepage distances at line-side. The following terminal blocks must be used in S0 and S3 MSP's 3RV10. The S2 MSP 3RV10 conforms with stipulated air gaps and creepage distances without terminal block. Terminal blocks are not required for use according to CSA. With size S0 these terminal blocks cannot be used in combination with 3-phase busbars 3RV19.5. This also applies to size S3 in combination with transverse auxiliary switches.	for extended air/creepage distance (1" and 2")	S0	3RV19 28-1H	0.12
3RT19 46-4GA07 		S3	3RT19 46-4GA07	0.12	

- Each MSP can be fitted with one transverse and one lateral auxiliary switch. The lateral auxiliary switch with 2 NO + 2 NC is used without transverse auxiliary switch.
- Compatible with the following MSP's:
3RV1. 1 (size S00) as of version E01
3RV1. 2 (size S0) as of version E04
3RV1. 3 (size S2) as of version E04
3RV1. 4 (size S3) as of version E04.
- One signalling switch can be mounted at the left of each MSP.
- One auxiliary release can be mounted at the right side of each MSP.
- The response voltage at the lower limit of the voltage range at 0.85 (Tu = 60 °C) is valid for 100 % (infinite) duty cycle only at AC 50/60 Hz.
- The response voltage at the lower limit of the voltage range at 0.9 (Tu = 60 °C) applies for a duty cycle of 5 seconds at AC 50/60 Hz and DC.