









**Selection and ordering data**

Type	Design	For SIRIUS MSP Frame Size	Screw connection Order No.	List Price \$	Weight approx. kg			
<b>Auxiliary switches<sup>1)</sup></b>								
3RV19 01-1E 	<b>Transverse auxiliary switch<sup>2)</sup></b> with screw connection	SPDT contact 1 NO + 1 NC 2 NO	S00, S0, S2, S3	<b>3RV19 01-1D</b> <b>3RV19 01-1E</b> <b>3RV19 01-1F</b>	0.02			
3RV1901-1G 	<b>Solid-state compatible, transverse auxiliary switch<sup>2)</sup></b> with screw connection	SPDT contact	S00, S0, S2, S3	<b>3RV19 01-1G</b>	0.02			
3RV1901-0H 	for use in dusty atmosphere and in electronic circuits with low operating currents							
3RV1901-1A 3RV1901-1J 	<b>Covering caps for transverse auxiliary switches</b>		S00, S0, S2, S3	<b>3RV19 01-0H</b>	Standard package quantity=10			
	<b>Lateral auxiliary switches</b> with screw connection (Side Mount)	1 NO + 1 NC 2 NO 2 NC 2 NO + 2 NC	S00, S0, S2, S3	<b>3RV19 01-1A</b> <b>3RV19 01-1B</b> <b>3RV19 01-1C</b> <b>3RV19 01-1J</b>	0.03 0.06			
<b>Signalling switch<sup>3)</sup></b>								
3RV19 21-1M 	<b>Signalling switch</b> (Side Mount)	Individual tripped and short-circuit signaling, 1 NO + 1 NC each	S0, S2, S3	<b>3RV19 21-1M</b>	0.07			
<b>Auxiliary releases<sup>4)</sup></b>								
3RV19 02-1DP0 	<b>Undervoltage release</b> (Side Mount)	<b>DC</b>	S00, S0, S2, S3	<b>3RV19 02-1AB4</b>	0.12			
		24 V						
	<b>Undervoltage release with leading auxiliary contacts 2 NO</b> (Side Mount)	<b>AC 50 Hz</b>	<b>AC 60 Hz</b>	S00, S0, S2, S3	<b>3RV19 02-1AB0</b> <b>3RV19 02-1AF0</b> <b>3RV19 02-1AM1</b> <b>3RV19 02-1AP0</b> <b>3RV19 02-1AV0</b> <b>3RV19 02-1AV1</b> <b>3RV19 02-1AS0</b>			
		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	<b>3RV19 12-1CP0</b> <b>3RV19 12-1CV0</b> <b>3RV19 12-1CV1</b>	0.11
		400 V	–					
	415 V	480 V						
	230 V	240 V	S0, S2, S3	<b>3RV19 22-1CP0</b> <b>3RV19 22-1CV0</b> <b>3RV19 22-1CV1</b>	0.11			
	400 V	–						
	415 V	480 V						
	<b>Shunt release</b> (Side Mount)	<b>AC 50/60 Hz 100% ON<sup>5)</sup></b>	<b>AC 50/60 Hz; DC 5 sec ON<sup>6)</sup></b>	S00, S0, S2, S3	<b>3RV19 02-1DB0</b> <b>3RV19 02-1DF0</b> <b>3RV19 02-1DP0</b> <b>3RV19 02-1DV0</b> <b>3RV19 02-1DS0</b>			
		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.				
3RT19 46-4GA07 		<b>Terminal block type E</b>	for extended air/creepage distance (1" and 2")	S0 S3	<b>3RV19 28-1H</b> <b>3RT19 46-4GA07</b>

- 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.



Selection and ordering data

Type	Design	For SIRIUS MSP size	Order No.	List Price \$	Weight approx. kg
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Door-coupling rotary operating mechanisms

3RV19 26-0B



The door-coupling rotary operating mechanisms consist of a knob, a coupling driver and an extension shaft of 330 mm length (6 mm x 6 mm). The door-coupling rotary operating mechanisms are designed for degree of protection IP 65. The door locking device prevents accidental opening of the cubicle door in the ON position of the MSP. The OFF position can be locked with up to 3 padlocks.

<b>Door-coupling rotary operating mechanism, black</b>	Extension shaft 130 mm	S0, S2, S3	<b>3RV19 26-0B</b>	0.1
	Extension shaft 330 mm with supporting bracket		<b>3RV19 26-0K</b>	0.3
<b>EMERGENCY STOP door-coupling rotary operating mech., red/yellow</b>	Extension shaft 130 mm		<b>3RV19 26-0C</b>	0.1
	Extension shaft 330 mm with supporting bracket		<b>3RV19 26-0L</b>	0.3

Door-coupling rotary operating mechanisms for heavy duty conditions

3RV19 26-2C



The door-coupling rotary operating mechanisms consist of a knob, a coupling driver, an extension shaft of 300 mm length (8 mm x 8 mm), a spacer and two metal brackets, into which the MSP is inserted. The door-coupling rotary operating mechanisms are designed for degree of protection IP 65. The door locking device reliably prevents accidental opening of the cubicle door in the ON position of the MSP.

The OFF position can be locked with up to 3 padlocks. Auxiliary releases for lateral mounting and 2-pole auxiliary switches can be used. The door-coupling rotary operating mechanism thus conforms with isolator characteristics to IEC 60 947-2.

<b>Door-coupling rotary operating mechanism, grey</b>		S0	<b>3RV29 26-2B</b>	1.2
		S2	<b>3RV29 36-2B</b>	1.6
		S3	<b>3RV29 46-2B</b>	1.7
<b>EMERGENCY STOP door-coupling rotary operating mech., red/yellow</b>		S0	<b>3RV29 26-2C</b>	1.2
		S2	<b>3RV29 36-2C</b>	1.5
		S3	<b>3RV29 46-2C</b>	1.7

Remote-controlled motor-driven mechanisms

3RV19 26-0K



<b>Remote-controlled motorized operating mechanism</b>	AC 50/60 Hz, 230 V	S2	<b>3RV19 36-3AP0</b>	3.5
	DC 24 V		<b>3RV19 36-3AB4</b>	3.4
	AC 50/60 Hz, 230 V	S3	<b>3RV19 46-3AP0</b>	3.4
	DC 24 V		<b>3RV19 46-3AB4</b>	3.4

Mounting accessories

Selection and ordering data

Type	Design	For circuit-breaker size	Order No.	List Price \$	Weight approx. kg
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Covers

3RV1 (size S3) with 3RT19 46-4EA1



<b>Terminal cover for box terminals</b>	Additional touch guard to be fitted at the box terminals (2 units can be mounted per MSP)	S2 S3	<b>3RT19 36-4EA2</b> <b>3RT19 46-4EA2</b>	0.01
	For maintaining the required voltage clearance and as protection against the equipment being touched if distant box terminals are used (2 units can be mounted per MSP)	S3	<b>3RT19 46-4EA1</b>	0.03

3RV19 08-0P



<b>Scale cover sealable</b>	For covering the current setting scale. Packing unit: Bag with 10 scale covers (Order No. and price per bag)	S00, S0, S2, S3	<b>3RV19 08-0P</b>	Standard package quantity=10
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# 3RV1 Motor Starter Protectors





## Accessories

SIRIUS








### Enclosures and front plates

#### Selection and ordering data

Type	Design	For SIRIUS MSP size	Order No.	List Price \$	Weight approx. kg
<b>Front plates</b>					
3RV19 13-4C 	<b>Moulded-plastic front plate</b> with actuator diaphragm and holder for MSP, size S00	For actuating MSP of size S00 in any enclosure, includes holder for switches, degree of protection IP 55 (at the front)	S00	<b>3RV19 13-4C</b>	0.08
3RV19 23-4B + 3RV19 23-4G 	<b>Moulded-plastic front plate</b> with rotary operating mechanism, lockable	For actuation of 3RV1 MSP's in any enclosure, degree of protection IP 55 (front plate)	S0, S2, S3	<b>3RV19 23-4B</b>	0.08
	<b>Moulded-plastic front plate with EMERGENCY STOP rotary operating mechanism</b> , red/yellow, lockable	EMERGENCY-STOP operation of 3RV1 MSP's in any enclosure, degree of protection IP 55	S0, S2, S3	<b>3RV19 23-4E</b>	0.08
	<b>Holder for front plate</b> for MSP size S0	Holder is mounted on front plate, MSP size S0 with or without accessories is snapped in	S0	<b>3RV19 23-4G</b>	0.12
<b>Accessories for enclosures</b>					
Moulded-plastic enclosure for wall mounting with 3RV19 13-7D 	<b>EMERGENCY STOP mushroom button, red/yellow</b> for enclosures and front plates 3RV19 13-...	Mushroom button, latching, unlatching by turning	S00	<b>3RV19 13-7D</b>	0.07
	<b>EMERGENCY STOP mushroom button, red/yellow, with safety lock</b> for enclosures and front plates 3RV19 13-... Not to be used together with locking device	Mushroom button, latching, unlatch with key, Ronis safety lock, Lock No. SB 30, 2 keys included	S00	<b>3RV19 13-7E</b>	0.10
	<b>Locking device</b> for enclosures and front plates 3RV19 13-... Not to be used together with EMERGENCY STOP handles	For 3 padlocks with max. 8 mm shackle diameter	S00	<b>3RV19 13-6B</b>	0.02
3RV19 03-5B 	<b>Indicator light</b> for all enclosures and front plates	With glow lamp and coloured lenses 110–120 V 220–240 V red, green, yellow, orange and clear 380–415 V 480–500 V	S00, S0, S2 S00, S0, S2 S00, S0, S2 S00, S0, S2	<b>3RV19 03-5B</b> <b>3RV19 03-5C</b> <b>3RV19 03-5E</b> <b>3RV19 03-5G</b>	0.03
	<b>Spare actuator diaphragm</b>	Installation kit: Diaphragm, includes holder frame and screws	S00	<b>3RV19 13-7F</b>	0.01



## Selection and ordering data

Type	Design	For SIRIUS MSP size	Order No.	List Price \$	Weight approx. kg		
<b>Enclosure for wall mounting</b>							
3RV19 13-1DA00 	<b>Molded-plastic enclosure for wall mounting</b> with actuator diaphragm, metric cable gland	Degree of protection IP55, with N and PE terminals Overall width:					
		54 mm (e.g. MSP + lateral auxiliary switch)	S00	<b>3RV19 13-1CA00</b>	0.23		
		72 mm (e.g. MSP + lateral auxiliary switch + auxiliary release)	S00	<b>3RV19 13-1DA00</b>	0.27		
3RV19 23-1CA00 	<b>Molded-plastic enclosure for wall mounting</b> with rotary operating mechanism, lockable, with metric cable gland	Degree of protection IP 55, with N and PE terminals, lockable in 0 position Overall width:					
		54 mm (e.g. MSP + lateral auxiliary switch)	S0	<b>3RV19 23-1CA00</b>	0.26		
		72 mm (e.g. MSP + auxiliary switch + auxiliary release)	S0	<b>3RV19 23-1DA00</b>	0.30		
		82 mm (e.g. MSP + auxiliary switch + auxiliary release)	S2	<b>3RV19 33-1DA00</b>	0.81		
		<b>Molded-plastic enclosure for wall mounting with EMERGENCY STOP rotary operating mechanism</b> red/yellow, lockable, with metric cable gland	Degree of protection IP 55, with N and PE terminals, lockable in 0 position Overall width:				
			54 mm (e.g. MSP + lateral auxiliary switch)	S0	<b>3RV19 23-1FA00</b>	0.26	
72 mm (e.g. MSP + auxiliary switch + auxiliary release)	S0		<b>3RV19 23-1GA00</b>	0.30			
	82 mm (e.g. MSP + auxiliary switch + auxiliary release)	S2	<b>3RV19 33-1GA00</b>	0.81			
3RV19 23-1DA01 	<b>Cast aluminum surface-mount enclosure</b> with rotary operating mechanism, lockable, with metric cable gland	Degree of protection IP 65, with PE terminals, <sup>1)</sup> lockable in 0 position Overall width:					
		72 mm (e.g. MSP + auxiliary switch + auxiliary release)	S0	<b>3RV19 23-1DA01</b>	0.97		
		<b>Cast aluminum surface-mount enclosure</b> with EMERGENCY-OFF rotary operating mechanism red/yellow, lockable, with metric cable gland	Degree of protection IP 65, with PE terminals, <sup>1)</sup> lockable in 0 position Overall width:				
72 mm (e.g. MSP + auxiliary switch + auxiliary release)	S0		<b>3RV19 23-1GA01</b>	0.97			
<b>Enclosure for flush mounting</b>							
3RV19 13-2DA00 	<b>Molded-plastic enclosure for flush mounting with actuator diaphragm</b> with metric cable gland	Degree of protection IP 55 (front plate), with N and PE terminals Overall width:	S00	<b>3RV19 13-2DA00</b>	0.32		
		72 mm (e.g. MSP + lateral auxiliary switch + auxiliary release)					
3RV19 23-2DA00 	<b>Molded-plastic enclosure for flush mounting</b> with rotary operating mechanism, lockable, with metric cable gland	Degree of protection IP 55, with N and PE terminals, lockable in 0 position Overall width:	S0	<b>3RV19 23-2DA00</b>	0.31		
		72 mm (e.g. MSP + auxiliary switch + auxiliary release)					
		<b>Molded-plastic enclosure for flush mounting with EMERGENCY STOP rotary operating mechanism,</b> red/yellow, lockable, with metric cable gland	Degree of protection IP 55, with N and PE terminals, lockable in 0 position Overall width: 72 mm (e.g. MSP + auxiliary switch + auxiliary release)	S0	<b>3RV19 23-2GA00</b>	0.31	

1) If required, an additional N terminal can be mounted (example 8WA10 11-1BG11).