



OVERLOAD RELAY 36...50 A FOR MOTOR PROTECTION SIZE S3, CLASS 10 FOR CONTACTOR MOUNTING MAIN CIRCUIT: SCREW CONN. AUX. CIRCUIT: SCREW CONN. MANUAL-AUTOMATIC-RESET

Figure similar

product brand name	SIRIUS
Product designation	thermal overload relay
General technical data:	
Size of contactor can be combined company-specific	S3
Active power loss total typical	16.5 W
Insulation voltage	1 000 V
<ul style="list-style-type: none"> with degree of pollution 3 Rated value 	
Surge voltage resistance Rated value	8 kV
Type of assignment	2
Protection class IP	IP20
<ul style="list-style-type: none"> on the front 	
Type of protection	DMT 98 ATEX G 001
Equipment marking	
<ul style="list-style-type: none"> acc. to DIN EN 61346-2 acc. to DIN EN 81346-2 	F F
Ambient conditions:	
Installation altitude at height above sea level maximum	2 000 m
Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	-20 ... +70 °C -55 ... +80 °C -55 ... +80 °C
Relative humidity during operation	100 %
Main circuit:	

Number of poles for main current circuit	3
Adjustable response value current of the current-dependent overload release	36 ... 50 A
Operating voltage	1 000 V
• at AC-3 Rated value maximum	

Auxiliary circuit:

Number of NC contacts	1
• for auxiliary contacts	
Number of NO contacts	1
• for auxiliary contacts	
Number of CO contacts	0
• for auxiliary contacts	
Operating current of the auxiliary contacts at AC-15	3 A 3 A 3 A 3 A 2 A 1 A
• at 24 V	
• at 110 V	
• at 120 V	
• at 125 V	
• at 230 V	
• at 400 V	
Operating current of the auxiliary contacts at DC-13	1 A 0.22 A 0.22 A 0.11 A
• at 24 V	
• at 110 V	
• at 125 V	
• at 220 V	

Protective and monitoring functions:

Trip class	CLASS 10
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Short-circuit:

Design of the fuse link	fuse gL/gG: 6 A, quick: 10 A
• for short-circuit protection of the auxiliary switch required	

Installation/ mounting/ dimensions:

mounting position	with vertical mounting surface +/-135° rotatable, with vertical mounting surface +/- 45° tiltable to the front and back
Mounting type	direct mounting
Height	120 mm
Width	70 mm
Depth	140 mm
Required spacing	0 mm 0 mm
• with side-by-side mounting	
— forwards	
— Backwards	