SIEMENS

Data sheet

3RU2136-4HB1

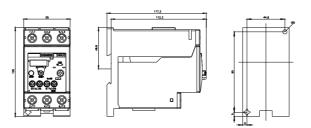


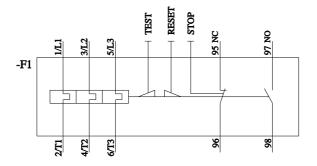
Overload relay 40... 50 A Thermal For motor protection Size S2, Class 10 Stand-alone installation Main circuit: Screw Auxiliary circuit: Screw Manual-Automatic-Reset

product brand name	SIRIUS				
product designation	thermal overload relay				
product type designation	3RU2				
General technical data					
size of overload relay	S2				
size of contactor can be combined company-specific	S2				
power loss [W] for rated value of the current at AC in hot operating state	15.6 W				
• per pole	5.2 W				
insulation voltage with degree of pollution 3 at AC rated value	690 V				
surge voltage resistance rated value	6 kV				
maximum permissible voltage for safe isolation in networks with grounded star point					
 between auxiliary and auxiliary circuit 	415 V				
 between auxiliary and auxiliary circuit 	415 V				
 between main and auxiliary circuit 	690 V				
 between main and auxiliary circuit 	690 V				
shock resistance acc. to IEC 60068-2-27	8g / 11 ms				
type of protection according to ATEX directive 2014/34/EU	Ex II (2) GD				
certificate of suitability according to ATEX directive 2014/34/EU	DMT 98 ATEX G 001				
reference code acc. to IEC 81346-2	F				
Substance Prohibitance (Date)	15.10.2014 00:00:00				
Ambient conditions					
installation altitude at height above sea level maximum	2 000 m				
ambient temperature					
 during operation 	-40 +70 °C				
 during storage 	-55 +80 °C				
during transport	-55 +80 °C				
temperature compensation	-40 +60 °C				
relative humidity during operation	10 95 %				
Main circuit					
number of poles for main current circuit	3				
adjustable current response value current of the current-dependent overload release	40 50 A				
operating voltage					
 rated value 	690 V				
at AC-3 rated value maximum	690 V				
operating frequency rated value	50 60 Hz				

Auxiliary evicuit integrated number of NC contacts for auxiliary contacts 1 • robe for contacts for auxiliary contacts • robe for message "Tripped" • number of NC contacts for auxiliary contacts 0 • robe for message "Tripped" • number of CC contacts for auxiliary contacts 0 • at 24 V 3 A • at 125 V 3 A • at 24 V 3 A • at 24 V 2 A • at 24 V 2 A • at 20 V 2 A • at 30 V 022 A • at 30 V rates value 50 A • at 30 V rates value 50 A	operational current rated value	50 A		
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• et 125 V 3 Å • at 230 V 2 Å • at 200 V 1 Å opprational current of auxiliary contacts at DC-13 2 Å • at 24 V 2 Å • at 24 V 2 Å • at 260 V 0.3 Å • at 260 V 0.3 Å • at 250 V 0.22 Å • at 420 V rated value 50 Å • at 400 V rated value 50 Å • 10 value value 50 Å •	● at 110 V	3 A		
	• at 120 V	3 A		
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	tightening torque			

- for main conto	ate with concurrent type to me		2 4				
	icts with screw-type term		3 4.5 N·m 0.8 1.2 N·m				
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