

Overload relay 7...10 A For motor protection Size S00, Class 10  
 Stand-alone installation Main circuit: screw terminal Auxiliary circuit:  
 screw terminal Manual-Automatic-Reset !!! Phased-out product !!!  
 Successor is SIRIUS 3RU2 Preferred successor type is >>3RU2116-  
 1JB1<<



Figure similar

<b>Product brand name</b>	SIRIUS
<b>Product designation</b>	thermal overload relay
<b>General technical data</b>	
<b>Size of overload relay</b>	S00
<b>Size of contactor can be combined company-specific</b>	S00
<b>Power loss [W] for rated value of the current</b>	
• at AC in hot operating state	6.6 W
• at AC in hot operating state per pole	2.2 W
Insulation voltage with degree of pollution 3 at AC rated value	690 V
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	
• on the front	IP20
<b>Shock resistance</b>	8g / 10 ms
<b>Type of protection</b>	DMT 98 ATEX G 001
<b>Reference code acc. to DIN EN 81346-2</b>	F

**Ambient conditions**

<b>Installation altitude at height above sea level</b>	
<ul style="list-style-type: none"> <li>• maximum</li> </ul>	2 000 m
<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-20 ... +70 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-55 ... +80 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-55 ... +80 °C
Relative humidity during operation	100 %

### Main circuit

<b>Number of poles for main current circuit</b>	3
<b>Adjustable pick-up value current of the current-dependent overload release</b>	7 ... 10 A
<b>Operating voltage</b>	
<ul style="list-style-type: none"> <li>• at AC-3 rated value maximum</li> </ul>	690 V

### Auxiliary circuit

<b>Number of NC contacts for auxiliary contacts</b>	1
<b>Number of NO contacts for auxiliary contacts</b>	1
<b>Number of CO contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	0
<b>Operating current of auxiliary contacts at AC-15</b>	
<ul style="list-style-type: none"> <li>• at 24 V</li> </ul>	3 A
<ul style="list-style-type: none"> <li>• at 110 V</li> </ul>	3 A
<ul style="list-style-type: none"> <li>• at 120 V</li> </ul>	3 A
<ul style="list-style-type: none"> <li>• at 125 V</li> </ul>	3 A
<ul style="list-style-type: none"> <li>• at 230 V</li> </ul>	2 A
<ul style="list-style-type: none"> <li>• at 400 V</li> </ul>	1 A
<b>Operating current of auxiliary contacts at DC-13</b>	
<ul style="list-style-type: none"> <li>• at 24 V</li> </ul>	1 A
<ul style="list-style-type: none"> <li>• at 110 V</li> </ul>	0.22 A
<ul style="list-style-type: none"> <li>• at 125 V</li> </ul>	0.22 A
<ul style="list-style-type: none"> <li>• at 220 V</li> </ul>	0.11 A

### Protective and monitoring functions

<b>Trip class</b>	CLASS 10
-------------------	----------

### Short-circuit protection

<b>Design of the fuse link</b>	
<ul style="list-style-type: none"> <li>• for short-circuit protection of the auxiliary switch required</li> </ul>	fuse gL/gG: 6 A, quick: 10 A

### Installation/ mounting/ dimensions

<b>Mounting position</b>	with vertical mounting surface +/-135° rotatable, with vertical mounting surface +/- 45° tiltable to the front and back
<b>Mounting type</b>	stand-alone installation
<b>Height</b>	87 mm