



## Overload relay,3RU2116-1FB0

URL:<https://www.sxplc.com/overload-relay-3ru2116-1fb0>

**Product data sheet**

General technical data	
size of overload relay	S00
size of contactor can be combined company-specific	S00
power loss [W] for rated value of the current at AC in hot operating state	6.6 W
<ul style="list-style-type: none"> <li>per pole</li> </ul>	2.2 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 protective separation in networks with grounded star point	
<ul style="list-style-type: none"> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
<ul style="list-style-type: none"> <li>between auxiliary and auxiliary circuit</li> </ul>	440 V
<ul style="list-style-type: none"> <li>between main and auxiliary circuit</li> </ul>	440 V
<ul style="list-style-type: none"> <li>between main and auxiliary circuit</li> </ul>	440 V
shock resistance according to IEC 60068-2-27	8g / 11 ms
reference code according to IEC 81346-2	F
Substance Prohibitance (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-40 ... +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
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	3.5 ... 5 A
operating voltage	
<ul style="list-style-type: none"> <li>rated value</li> </ul>	690 V
<ul style="list-style-type: none"> <li>at AC-3e rated value maximum</li> </ul>	690 V
operating frequency rated value	50 ... 60 Hz
operational current rated value	5 A
operational current at AC-3e at 400 V rated value	5 A

