SIEMENS

Data sheet

6EP4347-7RC00-0AX0



SITOP RED1200/REDM./DC24/48V/2X20A/EX

SITOP RED1200 redundancy module EX input/output: 24/48V DC/40 A Suitable for decoupling two SITOP power supplies with maximal per 20 A output current

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current typical0.1 WSafetyNogalvanic isolation between input and outputNooperating resource protection classClass IIIprotection class IPIP20ApprovalsVescertificate of suitabilityYes• CE markingYes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259• CSA approvalYes; CSA C22.2 No. 62368-1• CCSAus, Class 1, Division 2No• ATEXYescertificate of suitabilityYes• LECExYes• NEC Class 2No• UL hazloc approvalNo• ULbhazloc approvalNo <td>power loss [W]</td> <td></td>	power loss [W]	
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• IECEx Yes • NEC Class 2 No • ULhazloc approval No	• ATEX	Yes
NEC Class 2 No ULhazloc approval No	certificate of suitability	
ULhazloc approval No	• IECEx	Yes
	NEC Class 2	No
FM registration No	ULhazloc approval	No
	FM registration	No

certificate of suitability shipbuilding approval	No
shipbuilding approval	available soon
Marine classification association	
 American Bureau of Shipping Europe Ltd. (ABS) 	No
• French marine classification society (BV)	No
• DNV GL	No
 Lloyds Register of Shipping (LRS) 	No
 Nippon Kaiji Kyokai (NK) 	No
EMC	
standard	
 for emitted interference 	EN 61000-6-3
 for interference immunity 	EN 61000-6-2
environmental conditions	
ambient temperature	
 during operation 	-30 +70 °C; with natural convection
during transport	-40 +85 °C
during storage	-40 +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation
Mechanics	
type of electrical connection	push-in terminals
at input	In1, In2: each for 0.75 16 mm ²
at output	Out1: 0.75 16 mm ²
width of the enclosure	45 mm
height of the enclosure	135 mm
depth of the enclosure	125 mm
required spacing	
• top	45 mm
• bottom	45 mm
• left	0 mm
• right	0 mm
net weight	0.51 kg
product feature of the enclosure housing can be lined up	Yes
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15
MTBF at 40 °C	6 100 000 h
other information	Specifications at rated input voltage and ambient temperature +25 $^\circ \text{C}$ (unless otherwise specified)

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