SIEMENS

Data sheet

6EP4348-7RB00-0AX0



SITOP RED1200/DC24/48V/2X40A

SITOP RED1200 redundancy module input/output: DC 24/48V/80 A Suitable for decoupling two SITOP power supplies with maximal per 40 A output current

Type of the power supply network DC voltage supply voltage - • at DC 12 48 V input voltage - • at DC 10 58 V Output Controlled DC voltage number of outputs 1 output voltage at DC rated value 24 V formula for output voltage Vin - approx. 0.6 V output voltage at DC rated value 24 V ortput voltage at DC rated value 24 V output voltage at DC rated value 24 V output voltage at DC rated value 24 V product function output voltage adjustable No output voltage in percent 80 A product feature 80 A • bridging of equipment 97.5 % power loss [W] 46 W • at rated value of the output current typical 0.1 W • during no-load operation maximum 0.1 W galvanic isolation between input and output No operating resource protection class Class III protection class IP Yes Ves; CLus-Listed (UL 508, CSA C22.2 No. 1	Input	
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certificate of suitability Yes • CE marking Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259 • CSA approval Yes; CSA C22.2 No. 62368-1 • cCSAus, Class 1, Division 2 No • ATEX No certificate of suitability IECEx • NEC Class 2 No • ULhazloc approval No	protection class IP	IP20
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• IECEx No • NEC Class 2 No • ULhazloc approval No		No
NEC Class 2 No ULhazloc approval No	certificate of suitability	
ULhazloc approval No	• IECEx	No
	NEC Class 2	No
	ULhazloc approval	No
	• FM registration	No

certificate of suitability shipbuilding approval	No
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, Out2: 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	1.01 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	4 900 000 h
other information	Specifications at rated input voltage and ambient temperature +25 $^\circ\text{C}$ (unless otherwise specified)

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