## **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

type of the power supply network         DC voltage           supply voltage         st DC           a t DC         10 58 V           bottout         st DC           bottout         Controlled DC voltage           unamber of outputs         1           output voltage at DC rated value         24 V           formula for output voltage         Win - approx. 0.8 V           output voltage         24 V           at output 1 at DC rated value         24 V           a traction output voltage adjustable         No           output current         a rated value         40 A           brodging of equipment         No           a rated value         40 A         40 A           product freature         40 A         40 A           a rated value         97.5 %         40 A           product freature         97.5 %         40 A           a traced output voltage adjustable         No         40 A           product freature         40 A         40 A           product freature         97.5 %         40 A           product freature         97.5 %         40 A           a rated output voltage affection freature voltage for rated value of the output voltage affection freature voltage for rated value of	Input	for decoupling two SITOP power supplies with maximal per 20 A output current
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voltage curve at output         Controlled DC voltage           number of outputs         1           output voltage         Vin - approx. 0.6 V           output voltage         Vin - approx. 0.6 V           output voltage         24 V           a doutput 1 at DC rated value         24 V           product function output voltage adjustable         No           output current         - rated value           a bridging of equipment         No           bridging of equipment         No           efficiency         - strated output voltage for rated value of the output current typical         4 output current           a trated output voltage for rated value of the output current typical         0.1 W           a trated output voltage for rated value of the output current typical         No           a trated output voltage for rated value of the output current typical         No           a formation between input and output         No           operating resource protection class         Class III           protection class IP         120           propoval         Yes           CETHicate of suitability         Yes           - CEA approval         Yes CULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259           - CSA approval         Yes           - No <td></td> <td></td>		
mumber of outputs   1	<u> </u>	Controlled DC voltage
output voltage at DC rated value         24 V           formula for output voltage         Vin - approx. 0.6 V           output 1 at DC rated value         24 V           product function output voltage adjustable         No           output current         - rated value           • bridging of equipment         No           • bridging of equipment         No           efficiency         - dring no precent           • during no load operation maximum         97.5 %           • during no-load operation maximum         0.1 W           at rated output voltage for rated value of the output current typical         • during no-load operation maximum           • during no-load operation maximum         0.1 W           atoric isolation between input and output         No           operating resource protection class         Class III           protection class IP         IP20           protection class IP         IP20           protection class IP         Yes, CULus-Listed (UL 506, CSA C22.2 No. 107.1), File E197259           • CSA approval         Yes, CSA C22.2 No. 62368-1           • CSA approval         Yes, CSA C22.2 No. 62368-1           • IECEX         Yes           • No         No           • LECEX         Yes           • LECE as sti		
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• rated value 40 A product feature  • bridging of equipment No  ### No  #### No  ##################		
product feature bridging of equipment bridging of equipment  efficiency in percent  power loss [W] at rated output voltage for rated value of the output current typical during no-load operation maximum  agulvanic Isolation between input and output operating resource protection class  Class III protection class IP protection class IP  bridging Lu approval  CET marking Lu approval CSA approval CSA approval CSA approval CSA isolation between input and output OCS approval CSA occurrent approval CSA approval CSC approval CSA proval CSA pr		40 A
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EMC		
		110
standard		

• for emitted interference	EN 61000-6-3	
for interference immunity	EN 61000-6-2	
environmental conditions		
ambient temperature		
<ul> <li>during operation</li> </ul>	-30 +70 °C; with natural convection	
<ul> <li>during transport</li> </ul>	-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 <sup>2</sup>	
• at output	Out1: 0.75 16 mm²	
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 °C (unless otherwise specified)	

