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

Input	
type of the power supply network	DC voltage
supply voltage	
• at DC	12 48 V
input voltage	
• at DC	10 58 V
Output	
voltage curve at 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 output 1 at DC rated value	24 V
product function output voltage adjustable	No
output current	
rated value	80 A
product feature	
 bridging of equipment 	No
Efficiency	
efficiency in percent	97.5 %
power loss [W]	
 at rated output voltage for rated value of the output current typical 	46 W
 during no-load operation maximum 	0.1 W
Safety	
galvanic isolation between input and output	No
operating resource protection class	Class III
protection class IP	IP20
Approvals	
certificate of suitability	
• CE marking	Yes
UL approval	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259
CSA approval	Yes; CSA C22.2 No. 62368-1
NEC Class 2	No
certificate of suitability	
• IECEx	No
• ATEX	No
ULhazloc approval	No
• cCSAus, Class 1, Division 2	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
 Lloyds Register of Shipping (LRS) 	No
EMC	
standard	
for emitted interference	EN 61000-6-3
• for interference immunity	EN 61000-6-2
environmental conditions	
ambient temperature	
during operation	-40 +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 mm²
• at output	Out1, Out2: 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	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 °C (unless otherwise specified)

