

SITOP RED1200 REDUNDANCY MODULE 2* 20A
 SITOP RED1200 redundancy module Input/output: 24/48 V DC/40 A
 Suitable for decoupling two SITOP power supplies with max. 20 A
 output current each



Input	
Input	DC voltage
Supply voltage	
• at DC	12 ... 48 V
Input voltage	
• at DC	10 ... 58 V
Output	
Output	Controlled DC voltage
Number of outputs	1
Rated voltage Vout DC	24 V
Output voltage	Vin - approx. 0.6 V
Product function Output voltage adjustable	No
Rated current value Iout rated	40 A
Efficiency	
Efficiency at Vout rated, Iout rated, approx.	97.5 %
Power loss at Vout rated, Iout rated, approx.	25 W
Power loss [W] during no-load operation maximum	0.1 W
Safety	

Primary/secondary isolation	No
Protection class	Class III
Degree of protection (EN 60529)	IP20

Approvals

CE mark	Yes
UL/cUL (CSA) approval	cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259

EMC

Emitted interference	EN 61000-6-3
Noise immunity	EN 61000-6-2

environmental conditions

Ambient temperature	
during operation	-25 ... +70 °C
— Note	with natural convection
during transport	-40 ... +85 °C
during storage	-40 ... +85 °C
Humidity class according to EN 60721	Climate class 3K3, 5 ... 95% no condensation

Mechanics

Connection technology	Push-in terminals
Connections	
Supply input	In1, In2: je 0.5 ... 16 mm²
Output	Out1: 0.5 ... 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
Weight, approx.	0.51 kg
Product feature of the enclosure housing for side-by-side mounting	Yes
Installation	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)