

SITOP RED1200 REDUNDANCY MODULE 2* 10A
 SITOP RED1200 redundancy module Input/output: 24/48 V DC/20 A
 Suitable for decoupling two SITOP power supplies with max. 10 A
 output current each



Input	
Input	DC voltage
Supply voltage	
<ul style="list-style-type: none"> • at DC 	12 ... 48 V
Input voltage	
<ul style="list-style-type: none"> • at DC 	10 ... 58 V

Output	
Output	Controlled DC voltage
Number of outputs	1
Rated voltage V_{out} DC	24 V
Output voltage	V_{in} - approx. 0.6 V
Product function Output voltage adjustable	No
Rated current value I_{out} rated	20 A

Efficiency	
Efficiency at V_{out} rated, I_{out} rated, approx.	97.5 %
Power loss at V_{out} rated, I_{out} rated, approx.	12 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	
<ul style="list-style-type: none"> • during operation — Note • during transport • during storage 	-25 ... +70 °C with natural convection -40 ... +85 °C -40 ... +85 °C
Humidity class according to EN 60721	Climate class 3K3, 5 ... 95% no condensation

Mechanics

Connection technology	Push-in terminals
Connections	
<ul style="list-style-type: none"> • Supply input • Output 	In1, In2: je 0.5 ... 6 mm ² Out1: 0.5 ... 6 mm ²
Width of the enclosure	35 mm
Height of the enclosure	135 mm
Depth of the enclosure	125 mm
Required spacing	
<ul style="list-style-type: none"> • top • bottom • left • right 	45 mm 45 mm 0 mm 0 mm
Weight, approx.	0.47 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	8 100 000 h
Other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)