

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	
<ul style="list-style-type: none"> <li>at DC</li> </ul>	12 ... 48 V
input voltage	
<ul style="list-style-type: none"> <li>at DC</li> </ul>	10 ... 58 V
Output	
Output	Controlled DC voltage
number of outputs	1
Rated voltage Vout DC	24 V
<ul style="list-style-type: none"> <li>Output voltage</li> </ul>	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
certificate of suitability NEC Class 2	No

#### EMC

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

#### environmental conditions

ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>— Note</li> <li>• during transport</li> <li>• during storage</li> </ul>	-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"> <li>• Supply input</li> <li>• Output</li> </ul>	In1, In2: je 0.5 ... 16 mm <sup>2</sup> Out1: 0.5 ... 16 mm <sup>2</sup>
width of the enclosure	45 mm
height of the enclosure	135 mm
depth of the enclosure	125 mm
required spacing	
<ul style="list-style-type: none"> <li>• top</li> <li>• bottom</li> <li>• left</li> <li>• right</li> </ul>	45 mm 45 mm 0 mm 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)