



SITOP PSE202U REDUNDANCY MODULE INPUT/OUTPUT: 24 V/40 A DC CAN BE USED FOR DECOUPLING OF 2 SITOP POWER SUPPLIES WITH 20 A MAX. OUTPUT CURRENT EACH

Technical specifications

Product	SITOP modular
Input	
Input	DC voltage
Supply voltage for DC	24 ... 24 V
Input voltage for DC	24 ... 28.8 V
Output	
Output	Controlled, isolated DC voltage
Rated voltage V_{out} DC	24 V
Output voltage	V_{in} - approx. 0.5 V
Product function Output voltage adjustable	No
Status display	Green LED for "both Input voltages > switching threshold"; red LED: for "at least one input voltage < switching threshold"
Signaling	Isolated relay contact (changeover contacts, rating 8 A/240 V AC, 24 V DC): Signals OK if both input voltages > switching threshold, setting range of threshold 20 ... 25 V
Rated current value I_{out} rated	40 A
Current range	40 A
• Note	max. aggregate current 40 A
Safety	
Galvanic isolation	yes, SELV acc. to EN 60950-1 (relay contact)
Protection class	Class I
CE mark	Yes
UL/CSA approval	Yes
UL/cUL (CSA) approval	cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259

Explosion protection	IECEX Ex nA nC IIC T4 Gc; ATEX (EX) II 3G Ex nAC IIC T4; cCSAus (CSA C22.2 No. 213, ANSI/ISA-12.12.01) Class I, Div. 2, Group ABCD, T4
Certificate of suitability IECEx	No
Certificate of suitability NEC Class 2	No
FM approval	-
CB approval	No
Approvals	No
Marine approval	GL, ABS
Degree of protection (EN 60529)	IP20

EMC

Emitted interference	EN 55022 Class B
Noise immunity	EN 61000-6-2

Operating data

Ambient temperature during operation	0 ... 60 °C
<ul style="list-style-type: none"> Note 	with natural convection
Ambient temperature during transport	-40 ... +85 °C
Ambient temperature during storage	-40 ... +85 °C
Humidity class according to EN 60721	Climate class 3K3, no condensation

Mechanics

Connection technology	screw-type terminals
Connections Supply input	Input, output and ground: 1 screw terminal each for 0.33 ... 10 mm ² single-core/finely stranded
Connections Auxiliary	Relay contact: 1 screw terminal each for 0.5 ... 2.5 mm ² single-core/finely stranded
Width of the enclosure	70 mm
Height of the enclosure	125 mm
Depth of the enclosure	125 mm
Weight, approx.	0.5 kg
Product property of the enclosure housing for side-by-side mounting	Yes
Installation	Snaps onto DIN rail EN 60715 35x7.5/15
Other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)