



SITOP PSE202U 10A REDUNDANCY MODULE
INPUT/OUTPUT: 24 V DC FIT FOR DECOUPLING OF 2
SITOP POWER SUPPLY MODULES WITH 5 A MAX.
OUTPUT CURRENT EACH

Technical specifications

Product	SITOP PSE202U
Input	
Input	DC voltage
Supply voltage / for DC	24 ... 24 V
Input voltage / for DC	19 ... 29 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 (contact rating 6 A/42 V AC, 30 V DC): Contact closed if both input voltages > switching threshold, setting range of switching threshold $20\text{ V} \pm 0.5\text{ V}$ to $25\text{ V} \pm 0.5\text{ V}$
Rated current value I_{out} rated	10 A
Current range	10 A
• Note	max. aggregate current 10 A
Efficiency	
Closed-loop control	
Protection and monitoring	

Safety	
Galvanic isolation	yes, SELV acc. to EN 60950-1 (relay contact)
Protection class	Class III
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	-
FM approval	-
CB approval	No
Certificate of suitability / C-Tick	No
Marine approval	-
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	-20 ... +70 °C
• 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: removable screw terminal, each 1 x 0.5 ... 2.5 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	30 mm
Height / of the enclosure	80 mm
Depth / of the enclosure	100 mm
Installation width	30 mm
Mounting height	180 mm
Weight, approx.	0.125 kg
Product property / of the enclosure / housing for side-by-side mounting	Yes
Mounting type / wall mounting	No
Mounting type / Standard rail mounting	Yes
Mounting type / S7 rail mounting	No
Installation	Snaps onto DIN rail EN 60715 35x7.5/15
Electrical accessories	Removable spring-type terminal 6EP1971-5BA00

Other information

Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

letzte Änderung:

Nov 18, 2014