SIEMENS

Data sheet

6EP1961-3BA21



SITOP PSE202U/REDUNDANCY M./DC24V/40A

SITOP PSE202U redundancy module input/output: 24 V DC/40 A suitable for decoupling two SITOP power supplies with maximal per 20 A output current *Ex approval no longer available*

voltage curve at output Controlled, isolated DC voltage output voltage at DC rated value 24 V formula for output voltage Vin - approx. 0.5 V output voltage 24 V output voltage 24 V e at output 1 at DC rated value 24 V product function output voltage adjustable No display version for normal operation Green LED for "both Input voltages > switching threshold"; red LED: for "at least one input voltage < switching threshold" type of signal at output Isolated relay contact (changeover contacts, rating 8 A/240 V AC, 24 V DC): Signals 0K if both input voltages > switching threshold, setting range of threshold 20 25 V output current 40 A • rated range 40 A • rated range 96.6 % power loss [W] 34 W • during no-load operation maximum 1.5 W Safety galvanic isolation yes, SELV acc. to EN 60950-1 (relay contact) operating resource protection class Class III protection class IP IP20	Input	
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certificate of suitability No	• cCSAus, Class 1, Division 2	No
• IECEx No	• ATEX	No
	certificate of suitability	
NEC Class 2 No	• IECEx	No
	NEC Class 2	No

ULhazloc approval	No
FM registration	No
type of certification CB-certificate	No
certificate of suitability	
• EAC approval	Yes
• C-Tick	No
certificate of suitability shipbuilding approval	Yes
shipbuilding approval	ABS, DNV GL
Marine classification association	
American Bureau of Shipping Europe Ltd. (ABS)	Yes
French marine classification society (BV)	No
DNV GL	Yes
Lloyds Register of Shipping (LRS)	No
Nippon Kaiji Kyokai (NK)	No
EMC	INU
standard for emitted interference 	EN 55022 Class B
for interference immunity	EN 61000-6-2
environmental conditions	
ambient temperature	
during operation	-25 +60 °C; with natural convection
during transport	-40 +85 °C
• during storage	-40 +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 95% no condensation
Mechanics	
type of electrical connection	screw-type terminals
● at input	Input, output and ground: 1 screw terminal each for 0.33 10 mm ² single-core/finely stranded
 for auxiliary contacts 	Relay contact: 3 screw terminals 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	120 mm
required spacing	
• top	50 mm
• bottom	50 mm
• left	0 mm
• right	0 mm
net weight	0.5 kg
product feature of the enclosure housing can be lined up	Yes
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15
MTBF at 40 °C	6 471 654 h
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

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