

SIPPLUS PSE202U REDUNDANZMODUL
 SIPLUS PS E202U redundancy module for medical exposure with conformal coating based on 6EP1961-3BA21 . Input/output: 24 V DC/40 A suitable for decoupling two SITOP power supplies with max. 20 A output current each



Figure similar

Input	
Input	DC voltage
Supply voltage	
• at DC	24 ... 24 V
Input voltage	
• at 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
<ul style="list-style-type: none"> Note 	max. aggregate current 40 A; +60 ... +70 °C: derating 3%/K
Efficiency	
Efficiency at Vout rated, Iout rated, approx.	96.6 %
Power loss at Vout rated, Iout rated, approx.	34 W
Power loss [W] during no-load operation maximum	1.5 W
Safety	
Galvanic isolation	yes, SELV acc. to EN 60950-1 (relay contact)
Protection class	Class I
CE mark	Yes
Degree of protection (EN 60529)	IP20
EMC	
Emitted interference	EN 55022 Class B
Noise immunity	EN 61000-6-2
Operating data	
Resistance to biologically active substances conformity acc. to EN 60721-3-3	Yes
Resistance to chemically active substances conformity acc. to EN 60721-3-3	Yes
Resistance to mechanically active substances conformity acc. to EN 60721-3-3	Yes
Mechanics	
Connection technology	screw-type terminals
Connections	
<ul style="list-style-type: none"> Supply input 	Input, output and ground: 1 screw terminal each for 0.33 ... 10 mm ² single-core/finely stranded
<ul style="list-style-type: none"> Auxiliary 	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	125 mm
Required spacing	
<ul style="list-style-type: none"> top 	50 mm
<ul style="list-style-type: none"> bottom 	50 mm
<ul style="list-style-type: none"> left 	0 mm
<ul style="list-style-type: none"> right 	0 mm
Weight, approx.	0.5 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	6 471 654 h

