



SITOP PSE201U/BUFFER MODULE/10S

SITOP PSE201U buffer module Buffer time 100 ms to 10 s depending on load current \*Ex approval no longer available\*

Input	
supply voltage at DC rated value	24 V
voltage curve at input	DC
input voltage range	24 ... 28.8 V DC
Mains buffering	
design of the mains power cut bridging-connection	Backup time: with 40 A load current: 200 ms; with 20 A load current: 400 ms; with 10 A load current: 800 ms; with 5 A load current: 1.6 s. Reduces the backup time by 100 ms in combination with 6EP1 437-3BA10. Maximum backup time 100 ms in combination with 6EP1 336-2BA10 (load current 20 A).
Output	
formula for output voltage	$V_{in} - \text{approx. } 1 \text{ V}$
output current	40 A
• rated value	
Signaling	
display version	
• for normal operation	Green LED for "supply voltage > 20.5 V"
Interface	
product component PC interface	No
design of the interface	without
Safety	
galvanic isolation between input and output	Yes
operating resource protection class	Class III
protection class IP	IP20
Approvals	
certificate of suitability	
• CE marking	Yes
• UL approval	Yes
• as approval for USA	UL-Listed (UL 508), File E197259; CSA (CSA C22.2 No. 14, CSA C22.2 No. 107.1)
• cCSAus, Class 1, Division 2	No
• ATEX	No
certificate of suitability	
• EAC approval	Yes
• C-Tick	No
• shipbuilding approval	Yes
shipbuilding approval	ABS, DNV GL
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	Yes
• DNV GL	Yes

EMC	
standard	
<ul style="list-style-type: none"> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	EN 55022 Class B EN 61000-6-2
environmental conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during transport</li> <li>• during storage</li> </ul>	-25 ... +70 °C; with natural convection -40 ... +85 °C -40 ... +85 °C
environmental category according to IEC 60721	Climate class 3K3, 5 ... 95% no condensation
Mechanics	
type of electrical connection	screw-type terminals
<ul style="list-style-type: none"> <li>• at input</li> <li>• at output</li> <li>• for control circuit and status message</li> </ul>	+: 1 screw terminal for 0.5 ... 10 mm <sup>2</sup> -: 1 screw terminal for 0.5 ... 10 mm <sup>2</sup> -
width of the enclosure	70 mm
height of the enclosure	125 mm
depth of the enclosure	121 mm
required spacing	
<ul style="list-style-type: none"> <li>• top</li> <li>• bottom</li> <li>• left</li> <li>• right</li> </ul>	50 mm 50 mm 0 mm 0 mm
net weight	1.2 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	2 538 071 h
reference code according to IEC 81346-2	T
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

