



SITOP PSE201U/BUFFER MODULE/10S

SITOP PSE201U buffer module
Buffer time 100 ms to 10 s
Depending on load current

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	
• rated value	40 A
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
certificate of suitability	
• CE marking	Yes
• as approval for USA	UL-Listed (UL 508), File E197259; CSA (CSA C22.2 No. 14, CSA C22.2 No. 107.1)
• relating to ATEX	IECEx Ex nA IIC T4 Gc; ATEX (EX) II 3G Ex nA IIC T4 Gc; cCSAus (CSA C22.2 No. 213, ANSI/ISA-12.12.01) Class I, Div. 2, Group ABCD, T4
• C-Tick	No
shipbuilding approval	ABS, DNV GL
protection class IP	IP20
EMC	
standard	
• for emitted interference	EN 55022 Class B

- for interference immunity

EN 61000-6-2

environmental conditions

ambient temperature	
<ul style="list-style-type: none"> • during operation • during transport • during storage 	-25 ... +70 °C; with natural convection -40 ... +85 °C -40 ... +85 °C
environmental category acc. to IEC 60721	Climate class 3K3, 5 ... 95% no condensation

Mechanics

type of electrical connection	screw-type terminals
<ul style="list-style-type: none"> • at input • at output • for control circuit and status message 	+: 1 screw terminal for 0.5 ... 10 mm ² -: 1 screw terminal for 0.5 ... 10 mm ² -
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"> • top • bottom • left • right 	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 acc. to IEC 81346-2	T
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

