



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	40 A
<ul style="list-style-type: none"> rated value 	
Signaling	
display version	
<ul style="list-style-type: none"> 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	Yes
<ul style="list-style-type: none"> CE marking as approval for USA 	UL-Listed (UL 508), File E197259; CSA (CSA C22.2 No. 14, CSA C22.2 No. 107.1)
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> C-Tick 	No
shipbuilding approval	ABS, DNV GL
protection class IP	IP20
EMC	
standard	
<ul style="list-style-type: none"> for emitted interference 	EN 55022 Class B

• for interference immunity	EN 61000-6-2
environmental conditions	
ambient temperature	
• during operation	-25 ... +70 °C; with natural convection
• during transport	-40 ... +85 °C
• during storage	-40 ... +85 °C
environmental category acc. to IEC 60721	Climate class 3K3, 5 ... 95% no condensation
Mechanics	
type of electrical connection	screw-type terminals
• at input	+: 1 screw terminal for 0.5 ... 10 mm ²
• at output	-: 1 screw terminal for 0.5 ... 10 mm ²
• for control circuit and status message	-
width of the enclosure	70 mm
height of the enclosure	125 mm
depth of the enclosure	121 mm
required spacing	
• top	50 mm
• bottom	50 mm
• left	0 mm
• right	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)

