



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
input voltage at DC	24 ... 28.8 V
memory	
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).
buffering time in the event of power failure	0.16 min
output	
formula for output voltage	$V_{in} - \text{approx. } 1 \text{ V}$
output current	
• rated value	40 A
protection and monitoring	
display version	
• for normal operation	Green LED for "supply voltage > 20.5 V"
interfaces	
product component PC interface	No
product function communication function	No
design of the interface	without
safety	
galvanic isolation between input and output	Yes
operating resource protection class	Class III
protection class IP	IP20
standard	
• for emitted interference	EN 55022 Class B
• for interference immunity	EN 61000-6-2
standards, specifications, approvals	
certificate of suitability	
• CE marking	Yes
• UL approval	Yes; UL-Listed (UL 508), File E197259; CSA (CSA C22.2 No. 14, CSA C22.2 No. 107.1)
• EAC approval	Yes
• SEMI F47	Yes
MTBF at 40 °C	2 538 071 h
standards, specifications, approvals hazardous environments	
certificate of suitability	
• ATEX	No
• cCSAus, Class 1, Division 2	No
standards, specifications, approvals marine classification	
shipbuilding approval	Yes

Marine classification association			
<ul style="list-style-type: none"> American Bureau of Shipping Europe Ltd. (ABS) Det Norske Veritas (DNV) 	<p>Yes</p> <p>Yes</p>		
ambient conditions			
ambient temperature			
<ul style="list-style-type: none"> during operation during transport during storage 	<p>-25 ... +70 °C; with natural convection</p> <p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p>		
environmental category according to IEC 60721	Climate class 3K3, 5 ... 95% no condensation		
connection method			
type of electrical connection	screw terminal		
<ul style="list-style-type: none"> at input at output 	<p>+: 1 screw terminal for 0.5 ... 10 mm²</p> <p> -: 1 screw terminal for 0.5 ... 10 mm²</p>		
mechanical data			
width × height × depth of the enclosure	70 × 125 × 121 mm		
installation width × mounting height	70 × 225 mm		
required spacing			
<ul style="list-style-type: none"> top bottom left right 	<p>50 mm</p> <p>50 mm</p> <p>0 mm</p> <p>0 mm</p>		
fastening method	Snaps onto DIN rail EN 60715 35x7.5/15		
<ul style="list-style-type: none"> standard rail mounting S7 rail mounting wall mounting 	<p>Yes</p> <p>No</p> <p>No</p>		
housing can be lined up	Yes		
net weight	1.2 kg		
further information internet links			
internet link			
<ul style="list-style-type: none"> to website: Industry Mall to web page: selection aid TIA Selection Tool to website: Industrial communication to website: CAx-Download-Manager to website: Industry Online Support 	<p>https://mall.industry.siemens.com</p> <p>https://siemens.com/tst</p> <p>http://www.siemens.com/simatic-net</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>		
additional information			
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)		
security information			
security information	<p>Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)</p>		
Classifications			
		Version	Classification
	eClass	14	27-04-07-05
	eClass	12	27-04-07-05
	eClass	9.1	27-04-07-05
	eClass	9	27-04-07-05
	eClass	8	27-04-06-90

eClass	7.1	27-04-06-90
eClass	6	27-04-06-90
ETIM	9	EC000382
ETIM	8	EC000382
ETIM	7	EC000382
IDEA	4	4149
UNSPSC	15	39-12-10-11

Approvals Certificates

General Product Approval



[Manufacturer Declaration](#)



For use in hazardous locations

Marine / Shipping



[CCC-Ex](#)



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