Data sheet

6EP4231-7HB00-0AX0



SITOP BUF1200/300MS/40A

SITOP BUF1200 buffer module Buffer time 300 ms at 40 A Buffer t. depends on load current DC input 24 V $\,$

supply voltage at DC rated value supply voltage at DC 24 28 V input voltage at DC 20 30 V memory design of the mains power cut bridging-connection Module for buffering during short power interruptions; parallel connection at the output of 24 V power supplies. Buffer time of 300 ms at 40 A up to 2.4 s at 5 A load ourrent; multiplication possible by parallel connection at the output of 24 V power supplies. Buffer time of 300 ms at 40 A up to 2.4 s at 5 A load ourrent; multiplication possible by parallel connection of 3 min output output output current • rated value 40 A protection and monitoring display version • for normal operation LED green for "buffer standby exist" 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 interference immunity EN 61000-6-2 standards, specifications, approvals CSA approval • CSA approval • CSA approval • CSA approval • SEMI F47 Ves Yes *Yes *Yes *Yes *Yes *SEMI F47 Yes Oc Gauss (CSA C22.2 No. 62368-1, UL 62368-1) Yes *SEMI F47 Yes *Yes *SEMI F47 *Yes *SEMI	input				
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standards, specifications, approvals marine classification shipbuilding approval Yes	• ATEX	No			
shipbuilding approval Yes	• cCSAus, Class 1, Division 2	No			
	standards, specifications, approvals marine classification				
Marine classification association	shipbuilding approval	Yes			
	Marine classification association				

American Pureau of Chinning Europe Ltd. (APC)	Yes; in preparation				
 American Bureau of Shipping Europe Ltd. (ABS) Det Norske Veritas (DNV) 	Yes; in preparation				
ambient conditions	res, in preparation				
ambient temperature					
during operation	-40 +70; with natural convecti	ion			
during operation during transport	-40 +85	1011			
during storage	-40 +85				
environmental category according to IEC 60721		-40 +85 Climate class 3K3, 5 95% no condensation			
connection method	,				
type of electrical connection	push-in terminals				
• at input	+: push-in for 0.75 16 mm²				
at output	-: push-in for 0.5 6 mm²				
mechanical data					
width × height × depth of the enclosure	70 × 135 × 155 mm				
installation width × mounting height	70 mm × 225 mm				
required spacing					
• top	45 mm				
• bottom	45 mm	45 mm			
● left	0 mm				
• right	0 mm				
fastening method	Snaps onto DIN rail EN 60715 3	Snaps onto DIN rail EN 60715 35x7.5/15			
DIN-rail mounting	Yes	·			
S7 rail mounting	No	No			
wall mounting	No	No			
housing can be lined up	Yes	Yes			
net weight	1.2 kg	1.2 kg			
further information internet links					
internet link					
• to website: Industry Mall	https://mall.industry.siemens.com	https://mall.industry.siemens.com			
 to web page: selection aid TIA Selection Tool 	https://www.siemens.com/tstclo	https://www.siemens.com/tstcloud			
to web page: power supplies	https://siemens.com/sitop	https://siemens.com/sitop			
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 to website: Industry Online Support 	https://support.industry.siemens	https://support.industry.siemens.com			
additional information					
other information	Specifications at rated input volt otherwise specified)	Specifications at rated input voltage and ambient temperature +25 $^{\circ}\text{C}$ (unless otherwise specified)			
security information	<u> </u>				
security information	that support the secure operation in order to protect plants, syster threats, it is necessary to impler state-of-the-art industrial cybers solutions constitute one elemen for preventing unauthorized acc networks. Such systems, machit to an enterprise network or the inecessary and only when appronetwork segmentation) are in placybersecurity measures that mawww.siemens.com/cybersecurit undergo continuous developmen recommends that product updat and that the latest product version longer supported, and failure	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)			
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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







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