## **SIEMENS**

## **Data sheet**

6EP4295-8HB00-0XY0



## SITOP BUF8600/10S/40A

SITOP BUF8600 10s buffer module for PSU8600 buffer capacity 10 s/40 A with dual-layer capacitators maintenance-free

memory	
type of energy storage	Double-layer capacitors
design of the mains power cut bridging-connection	Backup time with 40 A load current: 10 s
buffering time for rated value of the output current in the event of power failure	10 000 ms
load time typical	10 min; at 400 V
output	
output current	
rated value	40 A
protection and monitoring	
display version	3-color LED for operating state module
<ul> <li>for normal operation</li> </ul>	LED green for "buffer standby exist"
• in buffering mode	LED yellow for "buffered mode"
interfaces	
product function communication function	Yes
design of the interface	Ethernet/PROFINET via power supply unit PSU8600
safety	
operating resource protection class	Class III
protection class IP	IP20
standard	
<ul> <li>for emitted interference</li> </ul>	EN 55022 Class B
<ul> <li>for interference immunity</li> </ul>	EN 61000-6-2
standards, specifications, approvals	
certificate of suitability	
CE marking	Yes
<ul> <li>UL approval</li> </ul>	Yes; cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259
CSA approval	Yes; cCSAus (CSA C22.2 No. 62368-1, UL 62368-1)
<ul> <li>EAC approval</li> </ul>	Yes
• SEMI F47	Yes
type of certification CB-certificate	Yes
MTBF at 40 °C	1 190 747 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> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	Yes
<ul> <li>Det Norske Veritas (DNV)</li> </ul>	Yes

antherit interporture	ambient conditions					
- Authing seration     - Authing storage     - Authority of Control and Salaus message     - Authority of Control and Salaus an						
• during startage     environmental category according to IEC 60721     Commister dates 3K3, 5 95% no condensation     Commister dates 3K3, 5 95% no condensation     Pugain terminal with screw connectors           • K1, 22 (control contact) and 12,14, 22,24 (message signals): 1 screw terminal each for 20 2 1.5 mm²	·	-25 +60 °C: with natural conv	vection			
• Auring storage						
environmental category according to IEC 60721  Cinnate class 3K3, S 96% no condensation  The control cincuit and attack message act for 0.2 15 mm?  Flug-in terminal with screw connectors  X1, X2 (control contact) and 13, 14, 23, 24 (message signals): 1 screw terminal script for 0.2 15 mm?  Suitability for interaction modular system  Yes  Bype of comerction to system components  Will integrated connector  With x legit x depth of the enclosure  Installation with x mounting height  125 x 255 mm  required spaning  I op  So mm  I of m						
type of electrical connection  • for control circuit and status mossage suitability for interaction modular system type of connection to system components type of connection t		Climate class 3K3, 5 95% no				
**In a control circuit and status message   X1, X2 (control contract) and 13,14, 23, 24 (message signals): 1 screw terminal each for 02,1,5 mm²	connection method					
sultability for interaction modular system Yes Sype of connection to system components With x height x depth of the endosure installation width x mounting height 125 x 225 mm required spacing • top • bottom • left • om • height O mm • standard rail mounting • register • Standard rail mounting • Yes • Standard rail mounting • Xes • Standard rail mounting • Yes • Standard rail mounting • No • wall mounting • No • wall mounting • No  note weight • 1.95 kg • Security information • Internet links • to website: Industry Mall • to website: Industry Mall • to website: Industry Chime Support • to website:	type of electrical connection	Plug-in terminal with screw con	nectors			
Type of connection to system components  Wis integrated connector  mischanical data  width * height × depth of the enclosure installation width × mounting height  125 × 225 mm  required spacing  100  • bottom • left • 0 mm • left • 0 mm • signt  30 mm  50 mm  50 mm  6 standard rail mounting  • standard rail mounting  • standard rail mounting  • val mounting  No  • bottom • left • mounting  • No  housing can be lined up  ret weight  1.95 kg  paccessories  mechanical accessories  mec	for control circuit and status message		X1, X2 (control contact) and 13,14, 23, 24 (message signals): 1 screw terminal			
mechanical data  width * height * depth of the enclosure  installation with x mounting height  125 × 225 mm  126 × 225 mm  stallation with x mounting height  126 × 225 mm  50 mm  • bottom  • left  0 mm  • left  0 mm  50 mm  • left  • dight  • standard rail mounting  • x vail mounting  No  • vail mounting  No  • wall mounting  No  housing can be lined up  Yes  mechanical accessories  mechanical accessories  mechanical accessories  provides industry Mail  • to website: Industry Chiline Support  additional information  other information  Security information  Classifications and accessors are used. Use of product versions that are no longer sentence industry are approached and the support the secure operation of plants, systems, machines and revolves in necessary and only when appropriate security information on the secure operation of plants, systems, machines and revolves in necessary and only when appropriate security personal points are not products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and revolves in necessary to implement – and continuously mariain – a holisic state-of-the-art industrial cybersecurity compensations on revolves in necessary and only when appropriate security measures (e.g. firewills and on plants) in the secure operation of plants, systems, machines and revolves in necessary and only when appropriate security measures (e.g. firewills and on plants) in the secure operation of plants are specially and the support the secure operation of plants, systems, machines and cereboxies in necessary and only when appropriate security measures (e.g. firewills and on networks	suitability for interaction modular system	Yes				
width × height × depth of the enclosure installation width × mounting height  128 × 228 mm  128 × 22	type of connection to system components	Via integrated connector	Via integrated connector			
Installation width × mounting height  128 × 228 mm  required spacing  • top  • bothom  • bothom  • left  • left  • omm  • stright  Omm  • stright  Omm  • stright  • standard rall mounting  • S7 rall mounting  • S7 rall mounting  • wall mounting  • to websale: industry Mall  • to websale: industry Online Support  • thiss://www.siemens.com/staticual  • th	mechanical data					
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• lop     • bottom     • left     • injet     • injet     • injet     • injet     • standard rail mounting     • standard rail mounting     • standard rail mounting     • S7 rail mounting     • No     • well mounting     No     housing can be lined up     net weight     increasories     mechanical accessories     mechanical accessories     mechanical accessories     mechanical accessories     mechanical accessories     mechanical accessories     internet link     • to website: industry Mall     • to website: industry Mall     • to website: industry Mall     • to website: industry Online Support     • to website: industry Online Support     intornation     • to website: industry Online Support     additional information     other information     security information information     Security information inf	installation width × mounting height	125 × 225 mm				
bottom   left   0 mm	required spacing					
e left o might o mm origin webod   standard rail mounting	• top	50 mm				
e right fastening method	• bottom	50 mm	50 mm			
fastening method  • standard rail mounting • syr all mounting • wall mounting • to least the standard of the s	<ul><li>left</li></ul>	0 mm	0 mm			
Standard rail mounting     ST rail mounting     No     wall mounting     No     housing can be lined up     ret weight     1,95 kg  ### ### ### ### ### ### ### ### ### #			0 mm			
Solution and the lined up point weight probability and the line of the line o		·	Snaps onto DIN rail EN 60715 35x15			
No wall mounting     No yes     Internet link	-					
housing can be lined up  net weight  1.95 kg  sccessories  mechanical accessories  mechanical accessories  purcher information internet links  internet link  • to website: Industriy Mall  • to website: Industrial communication  • to website: Industrial communication  • to website: CAx-Download-Manager  • to website: Industry Online Support  additional information  other information  Specifications at rated input voltage and ambient temperature 425 °C (unless otherwise specified)  security information  Security information  Security information  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. In order to protect plants, systems, machines and networks. In order to protect plants, systems, machines and centernia or such a concept. Customers are responsible for threats, it is necessary to the internet if and to the extent such a connected to an enterprise network or the internet if and to the extent such a connected to an enterprise network or the internet if and to the extent such a connected to an enterprise network or the internet if and to the extent such a connected to an enterprise network or the internet if and to the extent such a connection or networks 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 are used on the internet if alleut to apply the price and that the latest product versions are used. Use of product versions are used. Use of product versions are used. Use of product versions are used on the product versions are used. Use of p	S7 rail mounting		No			
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		eClass	12	27-04-07-05		
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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 Declaration of Conformity





General Product Approval

Marine / Shipping







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6/24/2024