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 *Ex approval no longer available*

Mains buffering	
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
Output	
output current	
rated value	40 A
Signaling	
display version	3-color LED for operating state module
• for normal operation	LED green for "buffer standby exist"
in buffering mode	LED yellow for "buffered mode"
Interface	
design of the interface	Ethernet/PROFINET via power supply unit PSU8600
Safety	
operating resource protection class	Class III
protection class IP	IP20
Approvals	
certificate of suitability	
CE marking	Yes
UL approval	Yes
 as approval for USA 	cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259; cCSAus (CSA C22.2 No. 60950-1, UL 60950-1)
 cCSAus, Class 1, Division 2 	No
• ATEX	No
type of certification CB-certificate	Yes
certificate of suitability	
EAC approval	Yes
• C-Tick	No
 shipbuilding approval 	Yes
shipbuilding approval	ABS, DNV GL
Marine classification association	
American Bureau of Shipping Europe Ltd. (ABS)	Yes
• DNV GL	Yes
EMC	
standard	
• for emitted interference	EN 55022 Class B
• for interference immunity	EN 61000-6-2
environmental conditions	

• during operation-25 +60 °C; with natural convection• during transport-40 +70 °C• during storage-40 +70 °C• during storage-40 +70 °C• environmental category according to IEC 60721Climate class 3K3, 5 95% no condensationMethanicsVery of electrical connection• at input-• at output-• of or control circuit and status messageX1, X2 (control contact) and 13,14, 23, 24 (message signals): 1 screw terminal each for 0.2 1.5 mm²type of connection to system componentsVia Integrated connectorwidth of the enclosure125 mmheight of the enclosure125 mmtop of50 mmetch50 mmetch50 mm• boltom50 mm• eff0 mm• right1.95 kgproduct feature of the enclosure housing can be lined up• required for enclosure housing can be lined upreduring methodSnapsonto DIN rail EN 60715 35x15mechanical accessoriesCevice identification label 20 mm × 7 mm, Ti-grey 3RT290.01SB20MTBF at 40 °CRBother informationSpecifications at rated input voltage and ambient temperature +25 °C (unless			
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