Data sheet

SITOP BUF8600 10S/40A SITOP BUF8600 10s Buffer module for PSU8600 Buffer capacity 10 s/40 A with double-layer capacitors maintenance-free



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	10 000 ms
the event of power failure	
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
certificate of suitability	



• CE marking	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)
• relating to ATEX	IECEx nA IIC T5 Gc; ATEX (EX) II 3G Ex nA IIC T5 Gc; cCSAus (CSA C22.2 No. 213, ANSI/ISA-12.12.01) Class I, Div. 2, Group ABCD, T5
• C-Tick	No
type of certification CB-certificate	Yes
shipbuilding approval	ABS, DNV GL
protection class IP	IP20

EN 55022 Class B • for emitted interference EN 61000-6-2 • for interference immunity ambient temperature -25 ... +60 °C; with natural convection during operation -40 ... +70 °C • during transport

-40 ... +70 °C

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environmental category acc. to IEC 60721	Climate class 3K3, 5 95% no condensation
Mechanics	
type of electrical connection	Plug-in terminal with screw connectors
• at input	-
• at output	
 for control circuit and status message 	X1, X2 (control contact) and 13,14, 23, 24 (message signals): 1 screw terminal each for 0.2 1.5 mm²
type of connection to system components	Via integrated connector
width of the enclosure	125 mm
height of the enclosure	125 mm
depth of the enclosure	150 mm
required spacing	
• top	50 mm
• bottom	50 mm
● left	0 mm
• right	0 mm
net weight	1.95 kg

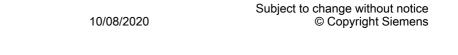
Yes

1SB20

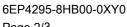
PNAP

1 190 747 h

Snaps onto DIN rail EN 60715 35x15



Device identification label 20 mm × 7 mm, TI-grey 3RT2900-



MTBF at 40 °C

side mounting mounting type

mechanical accessories

product feature of the enclosure housing for side-by-

standard

• during storage

reference code acc. to DIN EN 81346-2	Т
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

