



SITOP BUF8600/10S/40A

SITOP BUF8600 10s buffer module for PSU8600 buffer capacity 10 s/40 A with dual-layer capacitors 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	
ambient temperature	

- during operation
- during transport
- during storage

environmental category according to IEC 60721

-25 ... +60 °C; with natural convection

-40 ... +70 °C

-40 ... +70 °C

Climate class 3K3, 5 ... 95% no condensation

Mechanics

type of electrical connection

- at input
- at output
- for control circuit and status message

Plug-in terminal with screw connectors

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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
- bottom
- left
- right

50 mm

50 mm

0 mm

0 mm

net weight

1.95 kg

product feature of the enclosure housing can be lined up

Yes

fastening method

Snaps onto DIN rail EN 60715 35x15

mechanical accessories

Device identification label 20 mm × 7 mm, TI-grey 3RT2900-1SB20

MTBF at 40 °C

1 190 747 h

reference code according to IEC 81346-2

RB

other information

Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

