



SITOP BUF8600/4S/40A

SITOP BUF8600 4s Buffer module for PSU8600 Buffer capacity 4 s/40 A with dual-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: 4 s
buffering time for rated value of the output current in the event of power failure	4 000 ms
Output	
output current	
<ul style="list-style-type: none"> rated value 	40 A
Signaling	
display version	3-color LED for operating state module
<ul style="list-style-type: none"> for normal operation in buffering mode 	LED green for "buffer standby exist" 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	
<ul style="list-style-type: none"> CE marking as approval for USA relating to ATEX C-Tick 	Yes cULus-Listed (UL 508, CSA C22.2 No. 107.1), File E197259; cCSAus (CSA C22.2 No. 60950-1, UL 60950-1) 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 No
type of certification CB-certificate	Yes
shipbuilding approval	ABS, DNV GL
protection class IP	IP20
EMC	
standard	
<ul style="list-style-type: none"> for emitted interference for interference immunity 	EN 55022 Class B EN 61000-6-2
environmental conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation during transport 	-25 ... +60 °C; with natural convection -40 ... +70 °C

<ul style="list-style-type: none"> during storage 	-40 ... +70 °C
environmental category acc. to IEC 60721	Climate class 3K3, 5 ... 95% no condensation
Mechanics	
type of electrical connection <ul style="list-style-type: none"> at input at output for control circuit and status message 	Plug-in terminal with screw connectors - - X1, X2 (control contact) and 13,14, 23, 24 (message signals): 1 screw terminal each for 0.2 ... 1.5 mm ²
type of connection to system components	Via integrated connector
width of the enclosure	60 mm
height of the enclosure	125 mm
depth of the enclosure	150 mm
required spacing <ul style="list-style-type: none"> top bottom left right 	50 mm 50 mm 0 mm 0 mm
net weight	1.25 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	1 374 707 h
reference code acc. to IEC 81346-2	T
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

