SIEMENS

Data sheet 6EP4297-8HB10-0XY0



SITOP BUF8600/300MS/40A

SITOP BUF8600 300ms Buffer module for PSU8600 Buffer capacity 300 ms/40 A with electrolytic capacitors maintenance-free

Mains buffering	
type of energy storage	electrolytic capacitors
design of the mains power cut bridging-connection	Backup time with 40 A load current: 300 ms
buffering time for rated value of the output current in the event of power failure	300 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
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
EMC	
standard	
● for emitted interference	EN 55022 Class B
● for interference immunity	EN 61000-6-2
environmental conditions	
ambient temperature	
● during operation	-25 ... +60 °C; with natural convection
● during transport	-40 ... +70 °C

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● during storage	-40 ... +70 °C
environmental category acc. to IEC 60721	Climate class 3K3, 5 … 95% no condensation
Mechanics	
type of electrical connection	-
● at input	-
● at output	-
● for control circuit and status message	-
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	2.26 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	4 505 531 h
reference code acc. to IEC 81346-2	T
other information	Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified)

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