



SITOP BUF8600/4S/40A

SITOP BUF8600 4s buffer module for PSU8600 buffer capacity 4 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: 4 s |
| buffering time for rated value of the output current in the event of power failure | 4 000 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 | |

| | |
|---|---|
| <ul style="list-style-type: none"> • during operation • during transport • during storage | -25 ... +60 °C; with natural convection -40 ... +70 °C -40 ... +70 °C |
| environmental category according to IEC 60721 | Climate class 3K3, 5 ... 95% no condensation |
| Mechanics | |
| type of electrical connection | Plug-in terminal with screw connectors |
| <ul style="list-style-type: none"> • 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 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 according to IEC 81346-2 | RB |
| other information | Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified) |

