



SITOP BUF8600/300MS/40A

SITOP BUF8600 300ms buffer module for PSU8600 buffer capacity 300 ms/40 A with electrolytic capacitors maintenance-free \*Ex approval no longer available\*

| 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  |
| 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"> <li>• during operation</li> <li>• during transport</li> <li>• during storage</li> </ul>          | -25 ... +60 °C; with natural convection<br>-40 ... +70 °C<br>-40 ... +70 °C                       |
| environmental category according to IEC 60721   | Climate class 3K3, 5 ... 95% no condensation  |
| <b>Mechanics</b>  |   |
| type of electrical connection   | -   |
| <ul style="list-style-type: none"> <li>• at input</li> <li>• at output</li> <li>• for control circuit and status message</li> </ul> | -<br>-<br>-   |
| 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  |   |
| <ul style="list-style-type: none"> <li>• top</li> <li>• bottom</li> <li>• left</li> <li>• right</li> </ul>                          | 50 mm<br>50 mm<br>0 mm<br>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 according to IEC 81346-2   | RB  |
| other information   | Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified) |



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