



SITOP BUF1200/300MS/40A

SITOP BUF1200 buffer module Buffer time 300 ms at 40 A Buffer t. depends on load current DC input 24 V

| Input   |   |
|---|---|
| supply voltage at DC rated value                | 24 V  |
| voltage curve at input                          | DC  |
| input voltage range                             | 20 ... 30 V DC  |
| Output  |   |
| output current                                  |   |
| • rated value                                   | 40 A  |
| Signaling                                       |   |
| display version                                 |   |
| • for normal operation                          | LED green for "buffer standby exist"                            |
| Interface                                       |   |
| product component PC interface                  | No  |
| design of the interface                         | without   |
| Safety  |   |
| galvanic isolation between input and output     | Yes   |
| operating resource protection class             | Class III   |
| protection class IP                             | IP20  |
| Approvals                                       |   |
| certificate of suitability                      |   |
| • CE marking                                    | Yes   |
| • UL approval                                   | Yes   |
| • as approval for USA                           | UL-Listed (UL 508), CSA (CSA C22.2 No. 14, CSA C22.2 No. 107.1) |
| • cCSAus, Class 1, Division 2                   | No  |
| • ATEX  | No  |
| certificate of suitability                      |   |
| • EAC approval                                  | Yes   |
| • C-Tick  | No  |
| • shipbuilding approval                         | Yes   |
| shipbuilding approval                           | DNV GL and ABS in process                                       |
| Marine classification association               |   |
| • American Bureau of Shipping Europe Ltd. (ABS) | Yes   |
| • DNV GL  | Yes   |
| EMC   |   |
| standard  |   |
| • for interference immunity                     | EN 61000-6-2  |
| environmental conditions                        |   |
| ambient temperature                             |   |
| • during operation                              | -25 ... +70 °C; with natural convection                         |
| • during transport                              | -40 ... +85 °C  |
| • during storage                                | -40 ... +85 °C  |

|  |   |
|--|---|
| environmental category according to IEC 60721            | Climate class 3K3, 5 ... 95% no condensation  |
| <b>Mechanics</b>   |   |
| type of electrical connection                            | push-in terminals   |
| • at input   | +: push-in for 0.75 ... 16 mm <sup>2</sup>  |
| • at output  | -: push-in for 0.5 ... 6 mm <sup>2</sup>  |
| width of the enclosure                                   | 70 mm   |
| height of the enclosure                                  | 135 mm  |
| depth of the enclosure                                   | 155 mm  |
| required spacing   |   |
| • top  | 45 mm   |
| • bottom   | 45 mm   |
| • left   | 0 mm  |
| • right  | 0 mm  |
| net weight   | 1.2 kg  |
| product feature of the enclosure housing can be lined up | Yes   |
| fastening method   | Snaps onto DIN rail EN 60715 35x7.5/15  |
| reference code according to IEC 81346-2                  | RB  |
| other information  | Specifications at rated input voltage and ambient temperature +25 °C (unless otherwise specified) |

