



SIMATIC bus adapter BA 2xLC, 2x LC glass FOC connections

| General information                             |                                                                                        |
|-------------------------------------------------|----------------------------------------------------------------------------------------|
| Product type designation                        | BA 2x LC                                                                               |
| HW functional status                            | from FS04                                                                              |
| Interfaces                                      |                                                                                        |
| Number of PROFINET interfaces                   | 1; 2 ports (switch) LC Multimode Glass Fibre                                           |
| Supports protocol for PROFINET IO               |                                                                                        |
| • Number of LC ports                            | 2; Wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-FX                         |
| Cable length                                    |                                                                                        |
| — Multimode graded-index fiber 50/125 µm        | 3 km; min. transmit power -23.5 dB, min. receiver sensitivity -31 dB                   |
| — Multimode graded-index fiber 62.5/125 µm      | 3 km; min. transmit power -20 dB, min. receiver sensitivity -31 dB                     |
| Ambient conditions                              |                                                                                        |
| Ambient temperature during operation            |                                                                                        |
| • horizontal installation, min.                 | -30 °C                                                                                 |
| • horizontal installation, max.                 | 60 °C                                                                                  |
| • vertical installation, min.                   | -30 °C                                                                                 |
| • vertical installation, max.                   | 50 °C                                                                                  |
| Altitude during operation relating to sea level |                                                                                        |
| • Installation altitude above sea level, max.   | 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200SP system manual |
| Dimensions                                      |                                                                                        |
| Width                                           | 20 mm                                                                                  |
| Height                                          | 69.5 mm                                                                                |
| Depth                                           | 59 mm                                                                                  |
| Weights                                         |                                                                                        |
| Weight, approx.                                 | 40 g                                                                                   |

last modified: 7/29/2024 