

Connection box PN Basic for Mobile Panels (PROFINET)



| General information                                     |                                                  |
|---------------------------------------------------------|--------------------------------------------------|
| Product function                                        |                                                  |
| • Location identifier                                   | Yes                                              |
| FH technology                                           |                                                  |
| Safety evaluation through direct wiring                 |                                                  |
| • Reconnection with emergency stop circuit interruption | Yes                                              |
| • Monitoring the STOP button                            | No                                               |
| Supply voltage                                          |                                                  |
| Type of supply voltage                                  | DC                                               |
| Rated value (DC)                                        | 24 V                                             |
| permissible range, lower limit (DC)                     | 20.4 V                                           |
| permissible range, upper limit (DC)                     | 28.8 V                                           |
| Input current                                           |                                                  |
| Current consumption (rated value)                       | 0.4 A                                            |
| Power                                                   |                                                  |
| Active power input, typ.                                | 10 W                                             |
| Interfaces                                              |                                                  |
| Interfaces/bus type                                     | 2x Fast Ethernet                                 |
| Number of industrial Ethernet interfaces                | 2; RJ45 not for interface boxes of mobile panels |
| Connection point identification                         | Yes                                              |
| Degree and class of protection                          |                                                  |
| IP degree of protection                                 | IP65                                             |
| Standards, approvals, certificates                      |                                                  |
| CE mark                                                 | Yes                                              |
| CSA approval                                            | No                                               |
| UL approval                                             | No                                               |
| cULus                                                   | Yes                                              |
| RCM (formerly C-TICK)                                   | Yes                                              |
| EAC (formerly Gost-R)                                   | No                                               |
| Marine approval                                         | No                                               |
| Use in hazardous areas                                  |                                                  |
| • ATEX Zone 2                                           | No                                               |
| • ATEX Zone 22                                          | No                                               |
| • FM Class I Division 2                                 | No                                               |
| Ambient conditions                                      |                                                  |
| Ambient temperature during operation                    |                                                  |
| Operation (vertical installation)                       |                                                  |
| — For vertical installation, min.                       | 0 °C                                             |
| — For vertical installation, max.                       | 50 °C                                            |
| Ambient temperature during storage/transportation       |                                                  |

|                                  |                                    |
|----------------------------------|------------------------------------|
| • min.                           | -20 °C                             |
| • max.                           | 70 °C                              |
| Relative humidity                |                                    |
| • Operation, max.                | 85 %                               |
| Dimensions                       |                                    |
| Width                            | 230 mm                             |
| Height                           | 120 mm                             |
| Depth                            | 80 mm                              |
| Weights                          |                                    |
| Weight (without packaging)       | 0.45 kg                            |
| Other                            |                                    |
| free hotline                     | Yes                                |
| Usable in the following products |                                    |
| • Product 1                      | <a href="#">6AV6645-0BA01-0AX0</a> |
| • Product 2                      | <a href="#">6AV6645-0BB01-0AX0</a> |
| • Product 3                      | <a href="#">6AV6645-0BC01-0AX0</a> |
| • Product 4                      | <a href="#">6AV6645-0BE02-0AX0</a> |
| • Product 5                      | 6AV6645-0C*                        |

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