

CONNECTIVITY BOX DP PLUS FOR MOBILE PANELS  
(MPI/PROFIBUS)



Figure similar

| General information                            |                                                                |
|------------------------------------------------|----------------------------------------------------------------|
| Product type designation                       | DP connection box for Mobile Panel 177/277 (MPI/PROFIBUS) Plus |
| Control elements                               |                                                                |
| Expansions for operator control of the process |                                                                |
| • Hot swapping                                 | without emergency stop circuit interruption                    |
| • Monitoring the STOP button                   | Yes                                                            |
| • Location identifier                          | Yes                                                            |
| Supply voltage                                 |                                                                |
| Type of supply voltage                         | 24 V 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)              | 0.5 A                                                          |
| Power                                          |                                                                |

|                                                          |                                                  |
|----------------------------------------------------------|--------------------------------------------------|
| Active power input, typ.                                 | 12 W                                             |
| <b>Interfaces</b>                                        |                                                  |
| Interfaces/bus type                                      | 1 x RS232, 1 x RS422, 1 x RS485 (max. 12 Mbit/s) |
| Number of RS 485 interfaces                              | 1                                                |
| Number of RS 422 interfaces                              | 1                                                |
| Number of RS 232 interfaces                              | 1                                                |
| Number of 20 mA interfaces (TTY)                         | 0                                                |
| <b>Degree and class of protection</b>                    |                                                  |
| Degree of protection acc. to EN 60529                    | IP65                                             |
| <b>Standards, approvals, certificates</b>                |                                                  |
| Certifications                                           | CE, cULus, C-TICK                                |
| CE mark                                                  | Yes                                              |
| CSA approval                                             | No                                               |
| UL approval                                              | No                                               |
| cULus                                                    | Yes                                              |
| RCM (formerly C-TICK)                                    | Yes                                              |
| EAC (formerly Gost-R)                                    | No                                               |
| Marine approval                                          | No                                               |
| <b>Use in hazardous areas</b>                            |                                                  |
| • ATEX Zone 2                                            | No                                               |
| • ATEX Zone 22                                           | No                                               |
| • FM Class I Division 2                                  | No                                               |
| <b>Ambient conditions</b>                                |                                                  |
| <b>Ambient temperature during operation</b>              |                                                  |
| • Operation (vertical installation)                      | 0 to +50 °C                                      |
| — For vertical installation, min.                        | 0 °C                                             |
| — For vertical installation, max.                        | 50 °C                                            |
| <b>Ambient temperature during storage/transportation</b> |                                                  |
| • min.                                                   | -20 °C                                           |
| • max.                                                   | 70 °C                                            |
| <b>Relative humidity</b>                                 |                                                  |
| • Operation, max.                                        | 85 %                                             |
| <b>Functionality under WinCC (TIA Portal)</b>            |                                                  |
| <b>Applications/options</b>                              |                                                  |
| • Connection point identification                        | Yes                                              |
| <b>Dimensions</b>                                        |                                                  |
| Width                                                    | 160 mm                                           |
| Height                                                   | 120 mm                                           |
| Depth                                                    | 70 mm                                            |
| <b>Weights</b>                                           |                                                  |

|                                  |                                    |
|----------------------------------|------------------------------------|
| Weight (without packaging)       | 0.4 kg                             |
| Other                            |                                    |
| free hotline                     | Yes                                |
| Warranty period                  | 1 y                                |
| Usable in the following products |                                    |
| • Product 1                      | 6AV6645-0A*                        |
| • Product 2                      | 6AV6645-0C*                        |
| • Product 3                      | <a href="#">6AV6645-0BE02-0AX0</a> |
| last modified:                   | 08/12/2017                         |