

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



Figure similar

| 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 |
| Interfaces | |
| 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 |

| Degree and class of protection | |
|---------------------------------|------|
| Enclosure according to EN 60529 | IP65 |

| Standards, approvals, certificates | |
|------------------------------------|-------------------|
| 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 | |
|-------------------|----|
| • Marine approval | No |

| Use in hazardous areas | |
|-------------------------|----|
| • FM Class I Division 2 | No |
| • EX zone 2 | No |
| • EX zone 22 | No |

| Ambient conditions | |
|---|-------------|
| Ambient temperature during operation | |
| • Operation (vertical installation) | 0 to +50 °C |
| — 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 % |

| Functionality under WinCC (TIA Portal) | |
|--|-----|
| Applications/options | |
| • Connection point identification | Yes |

| Dimensions | |
|------------|--------|
| Width | 160 mm |
| Height | 120 mm |
| Depth | 70 mm |

| Weights | |
|----------------------------|--------|
| 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 | 6AV6645-0BE02-0AX0 |
| last modified: | 04/27/2017 |