

Connector, female, 3-pole, type 4, 24 V DC for grid size 3.50 mm Further information, quantity and content: See technical data



| General information | |
|---|--|
| Product type designation | Connector, female, 3-pole, type 4 |
| Control elements | |
| Frame size/design | |
| <ul style="list-style-type: none"> Standard | Yes; 180° straight |
| Installation type/mounting | |
| Mounting | Tightening torque min.0.22 Nm to max. 0.25 Nm |
| Mounting type | Conductor cross-section 0.14 to 1.5 mm ² |
| Wall mounting/direct mounting | Yes; can be plugged into SIMATIC HMI device |
| Supply voltage | |
| Rated value (DC) | 24 V |
| Input current | |
| Current consumption (rated value) | 9 A; Typical, maximum value |
| Interfaces | |
| HMI-side interface | |
| <ul style="list-style-type: none"> Number of pins HMI-side | 3 |
| Device-side interface | |
| <ul style="list-style-type: none"> Number of pins device-side | 3 |
| Standards, approvals, certificates | |
| CE mark | No; No CE marking obligation |
| CSA approval | Yes |
| cULus | Yes; cURus |
| EAC (formerly Gost-R) | Yes |
| RoHS conformity | Yes; REACH SVHC Lead 7439-92-1 |
| China RoHS compliance | Yes; Environment Friendly Use Period (EFUP): 50 years |
| Use in hazardous areas | |
| <ul style="list-style-type: none"> ATEX Zone 2 ATEX Zone 22 IECEX Zone 2 IECEX Zone 22 cULus Class I Zone 1 cULus Class I Zone 2, Division 2 FM Class I Division 2 | Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions Yes; Device-dependent, see operating instructions |
| Marine approval | |
| <ul style="list-style-type: none"> Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) | Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. Yes; Always comply with the operating instructions of the target device. |

- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (Class NK)
- Polski Rejestr Statkow (PRS)
- Chinese Classification Society (CCS)

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| Ambient conditions | |
|---|---|
| Suited for indoor use | Yes; Flammability class according to UL 94-V0 |
| Suited for outdoor use | Yes; possible under certain conditions |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 55 °C |
| Ambient temperature during storage/transportation | |
| • min. | -20 °C |
| • max. | 70 °C |
| Relative humidity | |
| • Operation, max. | 80 % |
| Mechanics/material | |
| Material | |
| • Plastic | Yes; Screw terminal with tension bushing |
| Enclosure material (front) | |
| • Plastic | Yes; Screw terminal with tension bushing |
| Enclosure color (front) | green |
| Torques/forces | |
| • Tightening torque, min. | 0.22 N·m |
| • Tightening torque, max. | 0.25 N·m |
| Dimensions | |
| Width | 10.5 mm; Contact spacing 3.5 mm |
| Height | 11.1 mm |
| Depth | 16.1 mm |
| Weights | |
| Weight (without packaging) | 0.7 g; Per unit |
| Scope of supply | |
| Delivery quantity in pieces | 10; Units per set |
| Other | |
| printable with laser printer | No |
| Merchandise | Yes; MC 1,5/ 3-ST-3,5 - 1840379 |
| Manufacturer name | PHOENIX CONTACT |
| Manufacturer's address | Flachmarktstraße 8, 32825 Blomberg, Germany |
| Target devices | suitable for all appropriate interfaces |
| Note: | Screwdriver, slot, VDE insulated, size: 0.4 mm x 2.5 mm x 80 mm |
| Usable in the following products | |
| • Product 1 | 6AV3688-3AF37-0AX0 |

last modified:

8/24/2021 