

Panel feed-through - QPD W 4X2,5 6-10 M25 FC GY - 1582288


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Panel feed-through, QUICKON connection, number of positions: 4, 1 mm² ... 2.5 mm², 690 V, 20 A, gray, with QUICKON nut, cable diameter range: 6 mm ... 10 mm, assembly thread: M25, Slip-on connection, 2.5 mm²



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 463430 |
| GTIN | 4046356463430 |

Technical data

General

| | |
|---------------------------------------|---------------------|
| Type | QPD 4x2,5 |
| Color | gray |
| Locking type | Screw locking |
| Connection method | QUICKON connection |
| | IDC connection |
| Number of positions | 4 |
| Note number of positions | 4 |
| Wrench size, union nut | 22 mm |
| Tightening torque, union nut | 5 Nm |
| Tightening torque, counter nut | 5 Nm |
| Wrench size, counter nut | 27 mm |
| Number of connections | 10 |
| Conductor cross section flexible min. | 1 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section solid min. | 1 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section AWG min. | 16 |

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General

| | |
|----------------------------------|--------------|
| Conductor cross section AWG max. | 14 |
| Dimensions of slip-on connection | 4.8 x 0.8 mm |

Cabel

| | |
|---|------------------------------------|
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 class 1 to 6/min. 0.15 mm |
| Wire insulation material | PVC/PE/TPE/rubber |
| Wire diameter including insulation | 2 mm ... 3.8 mm |
| External cable diameter | 6 mm ... 10 mm |
| | 6 mm ... 10 mm |
| Conductor cross section | 2.5 mm ² |
| Position marking | 1, 2, 3, 4 |

Ambient conditions

| | |
|---|-------------------|
| Degree of protection | IP66 |
| | IP68 (2 m / 24 h) |
| | IP69K |
| Ambient temperature (operation) | -40 °C ... 100 °C |
| Ambient temperature (storage/transport) | -40 °C ... 100 °C |
| Temperature when conductor connected | -5 °C ... 50 °C |

Electrical characteristics

| | |
|-----------------------------------|--|
| Nominal current I _N | 20 A |
| Rated current | 20 A |
| Rated voltage (III/3) | 690 V |
| Note on the rated voltage (III/3) | With insulating sleeve PT/FS 4,8, 1670497 without insulating sleeve 250 V. |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 8 kV |

Mechanical characteristics

| | |
|--------------------------|---------|
| QUICKON connectability | max. 10 |
| Category of shock impact | IK07 |

Material data

| | |
|--|---------------|
| Contact material | CuZn |
| Contact surface material | silver-plated |
| Contact carrier material | PA |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Overvoltage category | III |
| Degree of pollution | 3 |

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Standards and Regulations

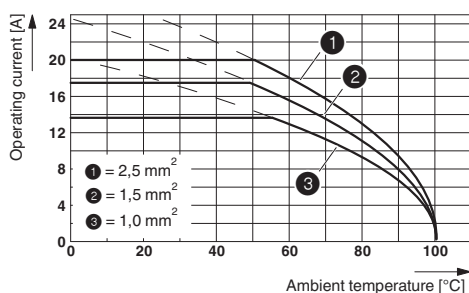
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

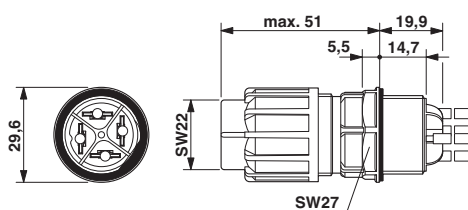
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

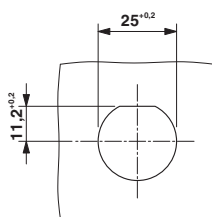
Diagram



Dimensional drawing



Dimensional drawing



Panel cutout

Approvals

Approvals

Approvals

GL / IECCEB Scheme / VDE Zeichengenehmigung / EAC


Ex Approvals


Approval details

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Approvals

| | | | |
|----|---|---|------------|
| GL |  | http://exchange.dnv.com/tari/ | 6195914 HH |
|----|---|---|------------|

| | | | |
|-----------------|---|---|-----------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-58228 |
|-----------------|---|---|-----------|

| | | | |
|----------------------------|---|---|----------|
| VDE Zeichengenehmigung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40029149 |
| Nominal voltage UN | 690 V | | |
| Nominal current IN | 20 A | | |
| mm ² /AWG/kcmil | 1.5-2.5 | | |

| | | | |
|-----|---|--|--------------------------|
| EAC |  | | RU C- DE.AI30.B.01102 |
|-----|---|--|--------------------------|

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