

## Panel feed-through - Q 1,5/2A50/11-M20KU-ESA - 1640728

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Panel feed-through with wire exit 1.5 mm<sup>2</sup> and 0.5 m Litz wire: connecting thread: M20, 2-pos.



The illustration shows a 4-position version



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 39.9 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### General

|                                        |                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Connection                             | If the conductor is reconnected, it must be cut off above the last contact point. QUICKON components may only be operated when under no load. |
| Length of cable                        | 0.5 m                                                                                                                                         |
| Connection method                      | QUICKON connection                                                                                                                            |
|                                        | Individual wires                                                                                                                              |
| Number of positions                    | 2                                                                                                                                             |
| Wrench size, union nut                 | 22 mm                                                                                                                                         |
| Tightening torque, union nut           | 2.5 Nm                                                                                                                                        |
| Wrench size, contact carrier           | 22 mm                                                                                                                                         |
| Tightening torque contact carrier      | 3.75 Nm                                                                                                                                       |
| Tightening torque, counter nut         | 3.75 Nm                                                                                                                                       |
| Number of connections                  | 2                                                                                                                                             |
| Conductor cross section stranded min.  | 0.75 mm <sup>2</sup>                                                                                                                          |
| Conductor cross section stranded max.  | 1.5 mm <sup>2</sup>                                                                                                                           |
| Conductor cross section AWG/kcmil min. | 18                                                                                                                                            |

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## Technical data

### General

|                                       |    |
|---------------------------------------|----|
| Conductor cross section AWG/kcmil max | 16 |
|---------------------------------------|----|

### Conductor

|                                                                             |                                            |
|-----------------------------------------------------------------------------|--------------------------------------------|
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | VDE 0295 Cl.2-5, min. wire diameter 0.2 mm |
| Wire insulation material                                                    | PVC/PE                                     |
| Wire diameter including insulation                                          | ≥ 3 mm                                     |
| Conductor cross section                                                     | 1.5 mm² (Pos. 1: Brown; pos. 2: White)     |

### Ambient conditions

|                                 |                                                                                                                     |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Degree of protection            | IP65                                                                                                                |
|                                 | IP67                                                                                                                |
| Ambient temperature (operation) | -25 °C ... 80 °C (Specifications of the cable manufacturer must be observed.)                                       |
|                                 | -25 °C ... 50 °C (when the conductor is connected. Specifications of the cable manufacturer must also be observed.) |

### Electrical characteristics

|                                   |                        |
|-----------------------------------|------------------------|
| Nominal current I <sub>N</sub>    | 17.5 A                 |
| Rated voltage (III/3)             | 250 V                  |
| Note on the rated voltage (III/3) | with insulating sleeve |
| Rated voltage (III/2)             | 320 V                  |
| Note on the rated voltage (III/2) | with insulating sleeve |
| Rated voltage (II/2)              | 630 V                  |
| Note on the rated voltage (II/2)  | with insulating sleeve |

### Mechanical characteristics

|                        |                                                                                          |
|------------------------|------------------------------------------------------------------------------------------|
| QUICKON connectability | 10 (if the conductor is connected more than once, seal and cap may need to be replaced.) |
| PC QUICKON thread type | M20 x 1,5 VDE certification available                                                    |
| Impact category        | 3                                                                                        |

### Material data

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| Contact material                        | Copper alloy                     |
| Contact surface material                | Pre-nickel plated and tin-plated |
| Contact carrier material                | PA 66                            |
| Inflammability class according to UL 94 | V0                               |
| Surge voltage category                  | III                              |
| Pollution degree                        | 3                                |

## Panel feed-through - Q 1,5/2A50/11-M20KU-ESA - 1640728

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |
| eCl@ss 5.1 | 27143423 |
| eCl@ss 6.0 | 27143423 |
| eCl@ss 7.0 | 27449001 |
| eCl@ss 8.0 | 27449001 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001297 |
| ETIM 3.0 | EC000516 |
| ETIM 4.0 | EC000516 |
| ETIM 5.0 | EC000516 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11     | 39121522 |
| UNSPSC 12.01  | 39121522 |
| UNSPSC 13.2   | 39121522 |

### Approvals

#### Approvals

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##### Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

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##### Ex Approvals

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##### Approvals submitted

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##### Approval details

## Panel feed-through - Q 1,5/2A50/11-M20KU-ESA - 1640728

### Approvals

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
|                                                                                                 |       |
| Nominal current I <sub>N</sub>                                                                  | 15 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 250 V |

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                  |       |
| Nominal current I <sub>N</sub>                                                                   | 11 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 250 V |

|                                                                                         |  |
|-----------------------------------------------------------------------------------------|--|
| GOST  |  |
|-----------------------------------------------------------------------------------------|--|

|                                                                                                      |  |
|------------------------------------------------------------------------------------------------------|--|
| cULus Recognized  |  |
|------------------------------------------------------------------------------------------------------|--|

### Accessories

Accessories

Mounting material

Nut - Q-MU M25 - 1640715



Nut (plastic) to lock the contact carrier from the inside of the device

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### Accessories

Nut - Q-MU M20 - 1640702



Nut (plastic) to lock the contact carrier from the inside of the device

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### Protective cap

Filler plugs - Q-PROT13/16 - 1670222



Closing caps, for Pg13/ Pg16, for closing unoccupied connections

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Filler plugs - Q-PROT 9/11 - 1670235

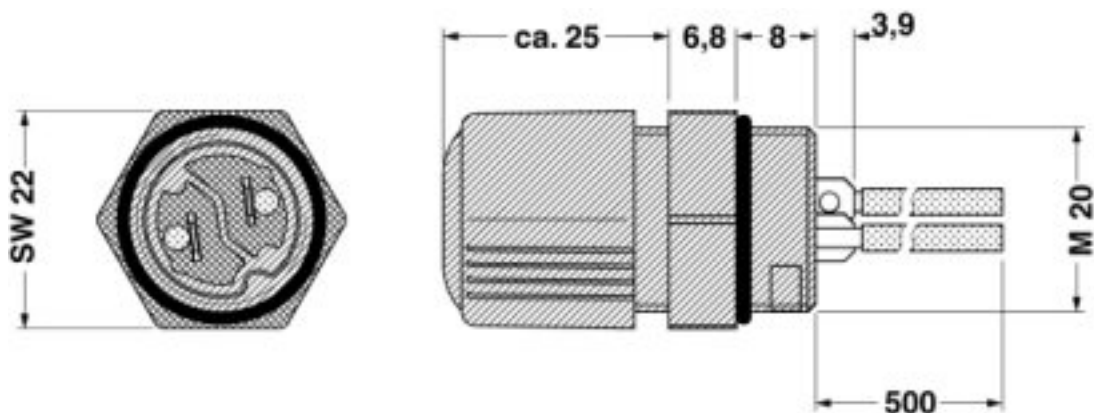


Closing cap for Pg9/Pg11 to close unoccupied connections

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### Drawings

Dimensioned drawing





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