

Panel feed-through - Q 1,5/4FL/16-M25KU-ESA - 1640676

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Panel feed-through, for external wall mounting, with manual solder/slip-on connection, 4.8 x 0.8 mm



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Weight per Piece (excluding packing) | 28.88 GRM |
| Custom tariff number | 85369010 |
| 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. |
| Color | green |
| Connection method | QUICKON connection Manual solder/slip on connection |
| Number of positions | 4 |
| Wrench size, union nut | 27 mm |
| Tightening torque, union nut | 3.3 Nm |
| Wrench size, contact carrier | 30 mm |
| Tightening torque contact carrier | 5 Nm |
| Tightening torque, counter nut | 5 Nm |
| Number of connections | 4 |
| Conductor cross section stranded min. | 0.75 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| 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 |
| External cable diameter | 6 mm ... 12 mm |

Ambient conditions

| | |
|--------------------------------------|---|
| Degree of protection | IP65 |
| | IP67 |
| Ambient temperature (operation) | -25 °C ... 80 °C (specifications of the cable manufacturer must also be observed) |
| Temperature when conductor connected | -5 °C ... 50 °C (specifications of the cable manufacturer must also be observed) |

Electrical characteristics

| | |
|-----------------------------------|------------------------|
| Nominal current I _N | 17.5 A |
| Rated current | 17.5 A |
| Rated voltage (III/3) | 250 V |
| Note on the rated voltage (III/3) | 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 | M25 x 1,5 VDE certification available |

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 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27143423 |

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Classifications

eCl@ss

| | |
|------------|----------|
| 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


Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | |
|---|------|
| UL Recognized  | |
| Nominal current IN | 15 A |

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Approvals

| | |
|--------------------|-------|
| Nominal voltage UN | 250 V |
|--------------------|-------|

| | |
|--------------------|-------|
| cUL Recognized | |
| Nominal current IN | 11 A |
| Nominal voltage UN | 250 V |

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

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

Accessories

Accessories

Insulating sleeve

Insulating sleeve - PT/FS 4,8 - 1670497



Insulating sleeve, as touch protection, for 4.8 mm slip-on sleeves, slide onto the conductor before

Mounting material

Nut - Q-MU M20 - 1640702



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

Protective cap

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Accessories

Filler plugs - Q-PROT13/16 - 1670222



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

Socket spanner

Socket wrench - QSS 19 - 1670895



Socket wrench, for tightening and unscrewing the QUICKON union nut, wrench size 19 mm

Drawings

Dimensioned drawing

