

Panel feed-through - Q 1,5/3FL/13-M20KU-ESA - 1640663

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QUICKON panel feed-through, for external wall mounting with manual solder/slip-on connection, 4.8 x 0.8 mm, 3-pos.



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Weight per Piece (excluding packing) | 22.57 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. |
| Connection method | QUICKON connection Manual solder/slip on connection |
| Number of positions | 3 |
| Wrench size, union nut | 24 mm |
| Tightening torque, union nut | 2.5 Nm |
| Wrench size, contact carrier | 24 mm |
| Tightening torque contact carrier | 3.75 Nm |
| Tightening torque, counter nut | 3.75 Nm |
| Number of connections | 3 |
| 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 |
| Conductor cross section AWG/kcmil max | 16 |

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Technical data

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 |

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 _N | 17.5 A (15 A with slip-on sleeve 2.5 mm ² ; 12 A with slip-on sleeve 1.5 mm ² .) |
| 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 |
| Impact category | 4 |

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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| 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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UL Recognized / VDE Zeichengenehmigung / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

| | |
|--------------------|-------|
| UL Recognized | |
| | |
| Nominal current IN | 15 A |
| Nominal voltage UN | 250 V |

| | |
|----------------------------|----------|
| VDE Zeichengenehmigung | |
| | |
| mm ² /AWG/kcmil | 0.75-1.5 |
| Nominal voltage UN | 500 V |

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

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

| | |
|------|--|
| GOST | |
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| cULus Recognized | |
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Accessories

- Accessories
- Insulating sleeve

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Accessories

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

Pressure nut

Lock nut - Q-SMU PG13,5 SET COD2 - 1670963



Locking nut, can only be released with Allen wrench, coding 2

Protective cap

Filler plugs - Q-PROT13/16 - 1670222



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

Socket spanner

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Accessories

Socket wrench - QSS 24 - 1670219



Allen wrench, for loosening and fastening the QUICKON union nut, WAF 24 mm

Drawings

Dimensioned drawing

