

Panel feed-through - Q 1,5/2L90/11KU-DSI - 1670280

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Panel feed-through, for internal wall mounting, with dip-solder connection, length of the solder pin: 3.8 mm, hole Ø 2-pos. = 19.0 mm - 0.3



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 017918 146450 |
| Weight per Piece (excluding packing) | 22.35 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. |
| Color | green |
| Connection method | QUICKON connection Dip-solder connection |
| Note on the internal connection type | The product must be screwed to the PCB before soldering. Self-tapping screws in acc. with ISO 1481-ST 2,9 x 6,5 C. |
| 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 |

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Technical data

General

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

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 | 4 mm ... 7.5 mm |

Ambient conditions

| | |
|---|--|
| Degree of protection | IP65 |
| | IP67 |
| Ambient temperature (operation) | -25 °C ... 80 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Temperature when conductor connected | -5 °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 |
| Rated voltage (III/3) | 250 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 630 V |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |

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 | Pg11 |
| 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 |

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Technical data

Material data

| | |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

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

Approvals

UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

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

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

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

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

Accessories

Accessories

Flat nut

Mounting material - Q-MU PG13,5 M - 1670905



Counter nut, (metal), to lock the contact carrier in the case of aligning

Mounting material

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Accessories

Nut - Q-MU PG11 - 1670471



Nut (plastic) to lock the contact carrier Pg11 / 24 WAF

Protective cap

Filler plugs - Q-PROT13/16 - 1670222



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

Filler plugs - Q-PROT 9/11 - 1670235



Closing cap for Pg9/Pg11 to close unoccupied connections

Nut - Q-SMU PG13,5 SET - 1670756

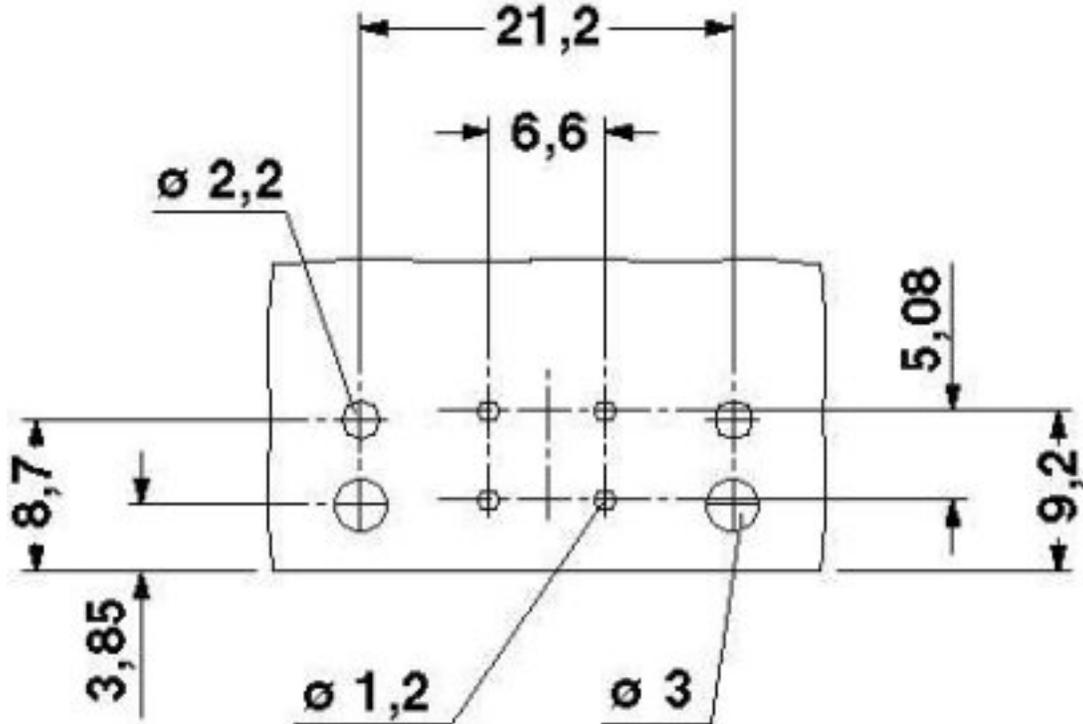


Locking nut, can only be released with wrench, Pg13.5/ WAF 24, coding 1

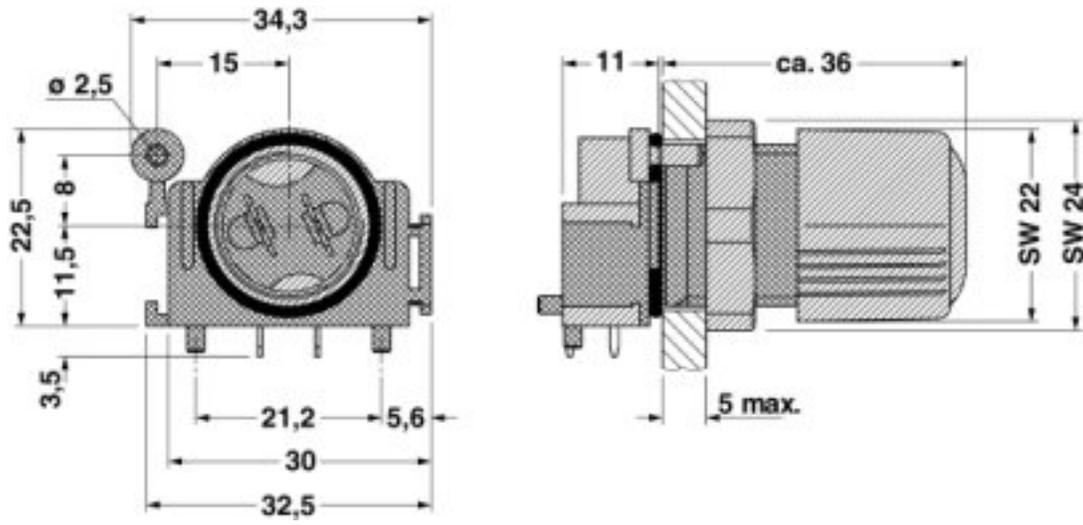
Drawings

Panel feed-through - Q 1,5/2L90/11KU-DSI - 1670280

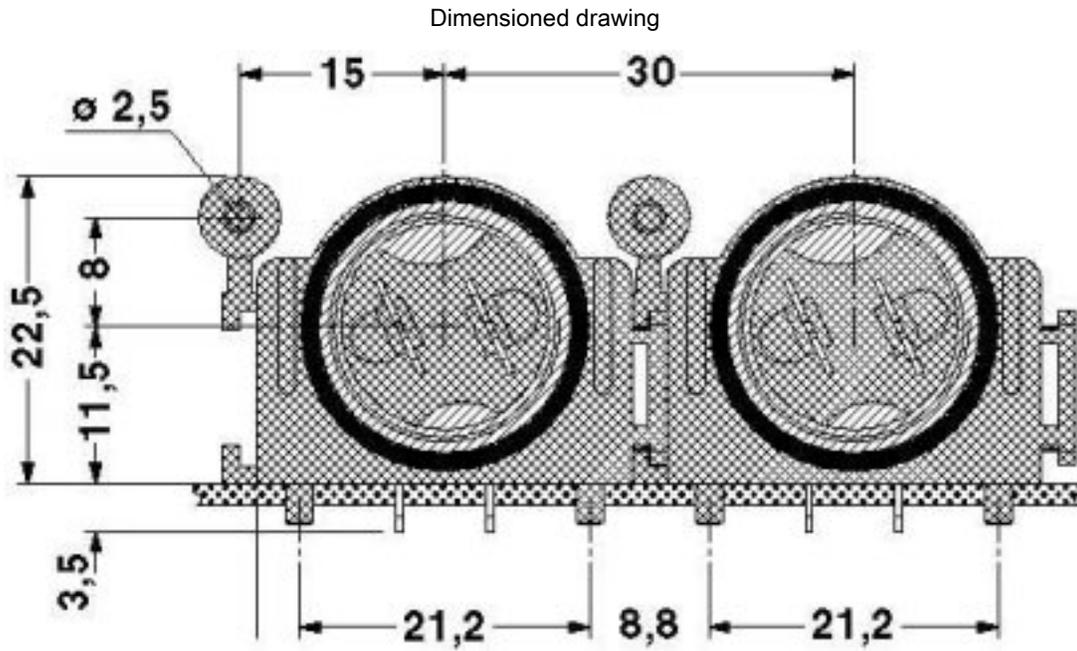
Drilling diagram



Dimensioned drawing



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For aligning PCB versions, 30 mm pitch, Pg11 in rows. To lock the contact carrier, the Q-MU PG 11 nut should be used.

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