

# Q 0,75/3FL/9-9KU-ESA - Panel feed-through



1670727

<https://www.phoenixcontact.com/us/products/1670727>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



QUICKON panel feed-through, for external panel mounting with manual solder/slip-on connection, 2.8 x 0.8 mm, 3-pos.

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1670727       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BF50          |
| Product key                          | AF6HAA        |
| GTIN                                 | 4017918156961 |
| Weight per piece (including packing) | 16.79 g       |
| Weight per piece (excluding packing) | 16.27 g       |
| Customs tariff number                | 85369010      |
| Country of origin                    | PL            |

# Q 0,75/3FL/9-9KU-ESA - Panel feed-through

1670727

<https://www.phoenixcontact.com/us/products/1670727>

## Technical data

### Product properties

|                                    |                    |
|------------------------------------|--------------------|
| Product type                       | Panel feed-through |
| Number of positions                | 3                  |
| Position marking                   | 1, 2, 3            |
| Number of connections              | 3                  |
| Number of connections per position | 1                  |
| Shielded                           | no                 |

### Insulation characteristics

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution  | 3   |

### Connection data

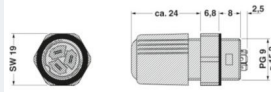
#### Connection technology

|   |  |
|---|--|
| Connection method On the device side                                  | Manual solder/slip on connection   |
| Connection method On the field side                                   | IDC connection   |
| Frequency of connections between conductors of the same cross section | 10 (if the conductor is connected more than once, seal and cap may need to be replaced.) |

#### Conductor connection

|                                   |   |
|-----------------------------------|---|
| Conductor cross-section flexibel  | 0.34 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> |
| Conductor cross-section solid     | 0.34 mm <sup>2</sup> ... 0.75 mm <sup>2</sup> |
| Connection cross section AWG      | 18 ... 16                                     |
| Tightening torque Union nut       | 2.5 Nm  |
| Tightening torque Contact carrier | 3.75 Nm                                       |
| Tightening torque Locking nut     | 3.75 Nm                                       |
| Wrench size Union nut             | 19 mm   |
| Wrench size Contact carrier       | 19 mm   |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 19 mm  |
| Height              | 19 mm  |
| Length              | 41.3 mm  |

# Q 0,75/3FL/9-9KU-ESA - Panel feed-through



1670727

<https://www.phoenixcontact.com/us/products/1670727>

## Electrical properties

|                             |                                |
|-----------------------------|--------------------------------|
| Rated surge voltage (III/3) | 4 kV                           |
| Contact resistance          | < 3 mΩ                         |
| rated voltage (II/2)        | 320 V (with insulating sleeve) |
| rated voltage (III/2)       | 160 V (with insulating sleeve) |
| Rated voltage (III/3)       | 160 V (with insulating sleeve) |
| Nominal voltage $U_N$       | 160 V AC                       |
|                             | 160 V DC                       |
| Nominal current $I_N$       | 9 A                            |

## Material specifications

|  |                  |
|--|------------------|
| Color (Housing)                        | green (RAL 6021) |
| Material Housing                       | PA               |
| Material Contact                       | Cu alloy         |
| Material Contact surface               | Sn               |
| Flammability rating according to UL 94 | V0               |
| Material wire insulation               | PVC / PE         |

## Cable/line

|   |  |
|---|--|
| Structure of individual litz in acc. with VDE 0295 / smallest wire diameter | Class 2-6 // 0.34 mm <sup>2</sup> : 0.1 mm; 0.5 - 0.75 mm <sup>2</sup> : 0.15 mm |
| Wire diameter including insulation  | 2.5 mm   |
| Position marking  | 1, 2, 3  |

## Mounting

|               |   |
|---------------|---|
| Mounting type | Front mounting Pg9  |
| Assembly note | 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. |

## Environmental and real-life conditions

### Ambient conditions

|                                      |   |
|--------------------------------------|---|
| Degree of protection                 | IP65  |
|                                      | IP67  |
| Impact strength                      | IK06  |
| 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.) |
| Temperature when conductor connected | -5 °C ... 50 °C   |

# Q 0,75/3FL/9-9KU-ESA - Panel feed-through

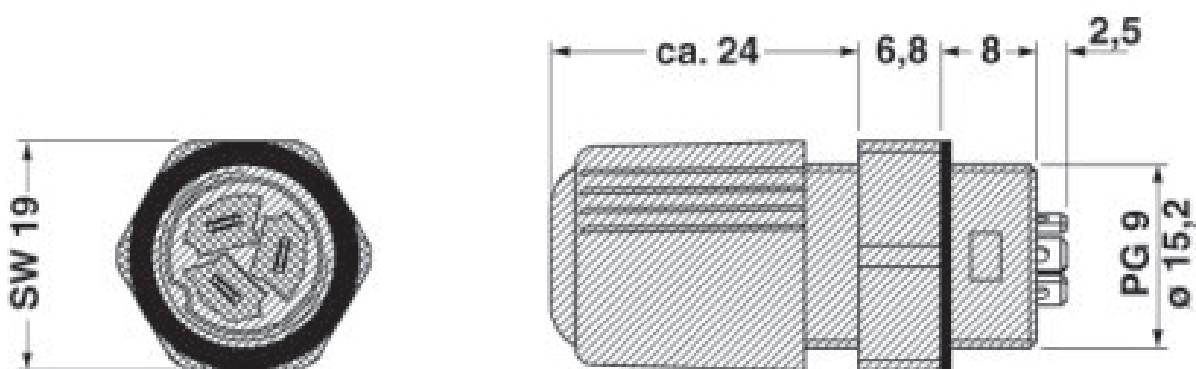


1670727

<https://www.phoenixcontact.com/us/products/1670727>

## Drawings

### Dimensional drawing



# Q 0,75/3FL/9-9KU-ESA - Panel feed-through





1670727


<https://www.phoenixcontact.com/us/products/1670727>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1670727>

|  <b>cUL Recognized</b><br>Approval ID: E118976 |                       |                       |                   |                      |
|---|-----------------------|-----------------------|-------------------|----------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
| keine   |                       |                       |                   |                      |
|   | 250 V                 | 6 A                   | -                 | -                    |

|  <b>UL Recognized</b><br>Approval ID: E118976 |                       |                       |                   |                      |
|--|-----------------------|-----------------------|-------------------|----------------------|
|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
| keine  |                       |                       |                   |                      |
|  | 250 V                 | 9 A                   | -                 | -                    |

|  <b>EAC</b><br>Approval ID: RU C-DE.A*30.B.01102 |  |
|---|--|
|---|--|

# Q 0,75/3FL/9-9KU-ESA - Panel feed-through



1670727

<https://www.phoenixcontact.com/us/products/1670727>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440602 |
| ECLASS-15.0 | 27440602 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002566 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121500 |
|-------------|----------|

# Q 0,75/3FL/9-9KU-ESA - Panel feed-through



1670727

<https://www.phoenixcontact.com/us/products/1670727>

## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.104 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)