

1585058

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Flat conductor connector with QUICKON fast connection technology, 4-pos., for connecting one or two AS-interface flat conductors

### Your advantages

• Robust throughout: housing with IP65/IP67 protection for a wide range of applications

#### Commercial data

| Item number                          | 1585058       |  |
|--------------------------------------|---------------|--|
| Packing unit                         | 1 pc          |  |
| Minimum order quantity               | 1 pc          |  |
| Sales key                            | BF50          |  |
| Product key                          | AF6HCC        |  |
| GTIN                                 | 4046356168298 |  |
| Weight per piece (including packing) | 40.4 g        |  |
| Weight per piece (excluding packing) | 38.2 g        |  |
| Customs tariff number                | 85366990      |  |
| Country of origin                    | PL            |  |



1585058

https://www.phoenixcontact.com/us/products/1585058

### Technical data

#### Mounting

| Assembly note | If the conductor is reconnected, it must be cut off above the lacontact point. QUICKON components may only be operated |  |
|---------------|--|--|
|               | when under no load.  |  |

### Product properties

| Product type                       | Cable connector |
|------------------------------------|-----------------|
| Number of positions                | 4               |
| Position marking                   | 1, 2            |
| Number of connections              | 4               |
| Number of connections per position | 1               |
| Coding                             | no              |

#### Insulation characteristics

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

#### **Dimensions**

| Dimensional drawing | max.86 |
|---------------------|--------|
| Width               | 24 mm  |
| Height              | 24 mm  |
| Length              | 86 mm  |
| Diameter            | 24 mm  |

#### Connection data

#### Connection technology

| Frequency of connections between conductors of the same cross section | max. 10 (For the same conductor cross-section) |  |
|---|--|--|
| Conductor connection  |  |  |
| Tightening torque   | 3 Nm   |  |
| Tightening torque Union nut   | 3 Nm   |  |
| Wrench size Union nut   | 19 mm  |  |
| Wrench size Contact carrier   | 24 mm  |  |

### Electrical properties

| Rated surge voltage (II/2)  | 6 kV |
|-----------------------------|------|
| Rated surge voltage (III/2) | 6 kV |
| Rated surge voltage (III/3) | 6 kV |



1585058

https://www.phoenixcontact.com/us/products/1585058

| Rated current                  | 15 A     |
|--------------------------------|----------|
| Rated voltage (III/3)          | 30 V     |
| Nominal voltage U <sub>N</sub> | 500 V AC |
|                                | 500 V DC |
| Nominal current I <sub>N</sub> | 15 A     |

### Material specifications

| Color                                  | black (RAL 9005) |  |
|--|------------------|--|
| Material Housing                       | PA               |  |
| Material Contact                       | Copper 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 | VDE 0295 class 1 to 6/min. 0.15 mm |  |
|---|------------------------------------|--|
| Wire diameter including insulation  | 1.8 mm 3 mm                        |  |
| Position marking  | 1, 2                               |  |
| Material wire insulation  | PVC/PE/TPE/rubber                  |  |

#### Environmental and real-life conditions

#### Ambient conditions

| Degree of protection  | IP65         |
|---|--------------|
|   | IP67         |
| Impact strength   | IK06         |
| Ambient temperature (operation) (male connector/female connector) | -25 °C 80 °C |
| Temperature when conductor connected                              | -5 °C 50 °C  |
| Ambient temperature (storage/transport)                           | -40 °C 80 °C |

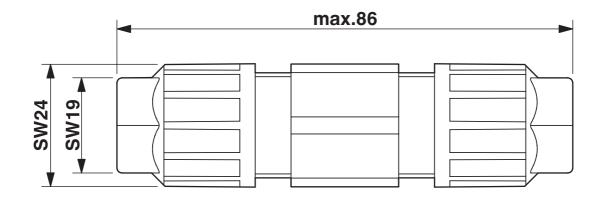


1585058

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## Drawings

### Dimensional drawing





1585058

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### **Approvals**

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| . <b>91</b> | <b>cUL Recognized</b> Approval ID: E118976 |                                |                                |                   |                               |
|-------------|--|--------------------------------|--------------------------------|-------------------|-------------------------------|
|             |  | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| keine       |  |                                |                                |                   |                               |
|             |  | 250 V                          | 11 A                           | -                 | -                             |

| <b>7.</b> | <b>UL Recognized</b> Approval ID: E118976 |                                |                                |                   |                               |
|-----------|---|--------------------------------|--------------------------------|-------------------|-------------------------------|
|           |   | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| keine     |   |                                |                                |                   |                               |
|           |   | 250 V                          | 15 A                           | -                 | -                             |

| EHC | EAC<br>Approval ID: RU C-DE.Al30.B.01102 |  |  |  |  |
|-----|--|--|--|--|--|
|-----|--|--|--|--|--|

| EAC  | EAC                               |
|------|-----------------------------------|
| LIIL | Approval ID: RU C-DF A*30 B 01102 |

|       | VDE approval of drawings Approval ID: 40032336 |                                |                                |                   |                               |
|-------|--|--------------------------------|--------------------------------|-------------------|-------------------------------|
|       |  | Nominal voltage U <sub>N</sub> | Nominal current I <sub>N</sub> | Cross section AWG | Cross section mm <sup>2</sup> |
| keine |  |                                |                                |                   |                               |
|       |  | 500 V                          | -                              | -                 | 0.75 - 1.5                    |



1585058

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## Classifications

#### **ECLASS**

|        | ECLASS-13.0 | 27440605 |  |  |
|--------|-------------|----------|--|--|
|        | ECLASS-15.0 | 27440605 |  |  |
| ETIM   |             |          |  |  |
|        | ETIM 9.0    | EC002560 |  |  |
| UNSPSC |             |          |  |  |
|        | UNSPSC 21.0 | 39121400 |  |  |



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### 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%               |
| EF3.0 Climate Change                    |  |
| CO2e kg                                 | 1.356 kg CO2e                            |

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