

CABLE-EC56/F/F/0,34/S/60,0M - Cable



2905498

<https://www.phoenixcontact.com/us/products/2905498>

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Assembled shielded round cable; connection 1: EDAC/ELCO socket strip (1x 56-position); connection 2: EDAC/ELCO socket strip (1x 56-position); cable length: 60 m



Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2905498 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | DK2281 |
| GTIN | 4046356958042 |
| Weight per piece (including packing) | 333.33 g |
| Weight per piece (excluding packing) | 333.33 g |
| Country of origin | DE |

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Technical data

Product properties

| | |
|--------------|--------------|
| Product type | System cable |
|--------------|--------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Ambient temperature (operation) | -20 °C ... 60 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

Electrical properties

| | |
|---|---------|
| Max. permissible operating voltage | 25 V AC |
| | 60 V DC |
| Max. current carrying capacity per path | 1.5 A |

Cable/line

| | |
|--------------|------|
| Cable length | 60 m |
|--------------|------|

56X0.34 [PVC]

| | |
|---------------------------------|---|
| UL AWM Style | 2464/1061 |
| Number of positions | 56 |
| Shielded | yes |
| Cable type | 56X0.34 [PVC] |
| Conductor type | Assembled shielded round cable |
| Conductor structure signal line | 19x 0.15 mm |
| AWG signal line | 22 |
| Conductor cross-section | 56x 0.34 mm ² |
| Wire diameter incl. insulation | 1.3 mm ±0.05 mm |
| External cable diameter | 14.10 mm ±0.5 mm |
| Outer sheath, material | Semi-rigid PVC |
| External sheath, color | gray |
| Conductor material | Bare Cu litz wires |
| Cable resistance | ≤ 60 Ω/km (at 20 °C) |
| Insulation resistance | ≥ 20 MΩ*km (at 20 °C) |
| Dynamic load capacity (bending) | Max. bending cycles: 5000 (at a radius of ≥ 15x outside diameter) |
| Halogen-free | no |
| Flame resistance | IEC 60332-1-2 (raw cable) |
| | VDE 0842, Part 332-1-2 (raw cable) |
| | IEC 60332-3-22 (raw cable) |
| | UL VW-1 |
| | CSA FT-1 |
| Resistance to oil | can withstand occasional splashes (raw cable) |

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Connection data

Field level

| | |
|-----------------------|------------------------|
| Connection method | EDAC/ELCO socket strip |
| Number of connections | 1 |
| Number of positions | 56 |

Controller level

| | |
|-----------------------|------------------------|
| Connection method | EDAC/ELCO socket strip |
| Number of connections | 1 |
| Number of positions | 56 |

Notes

| | |
|--------------------|--|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--|

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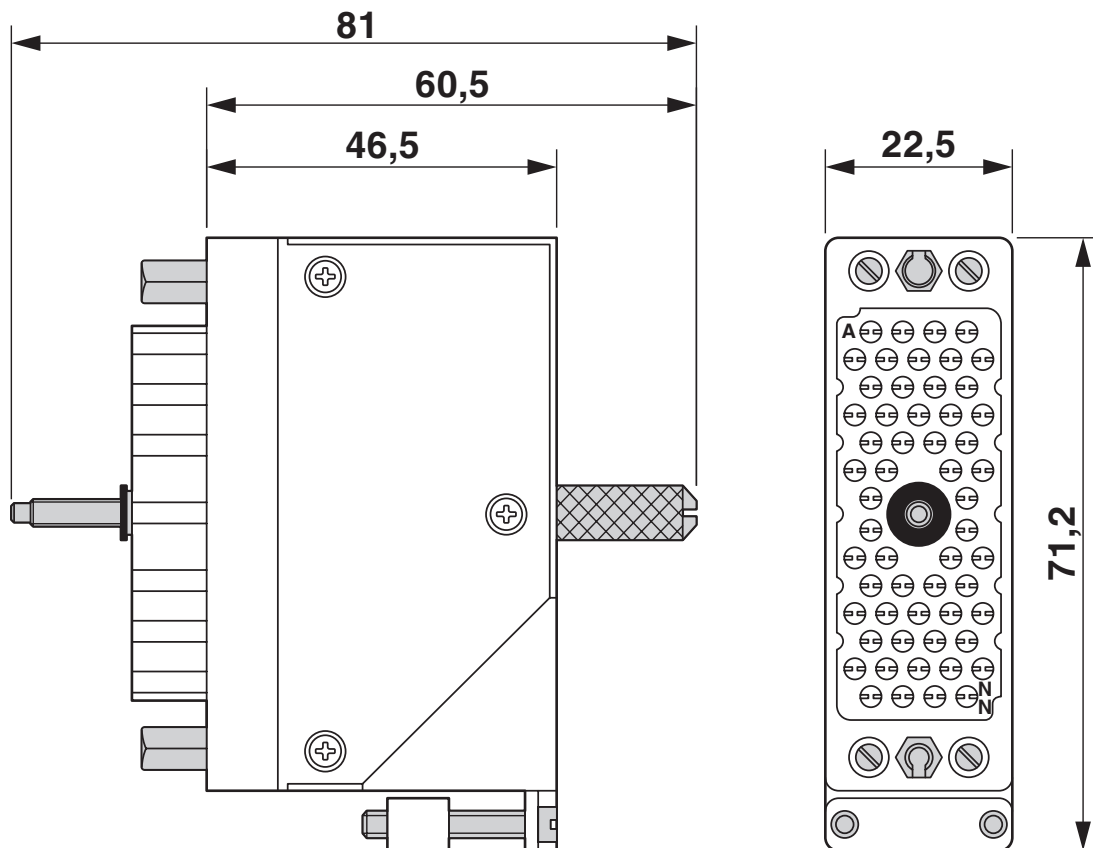


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Drawings

Dimensional drawing



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Environmental product compliance

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

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

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