

SAC-4P-15,0-PUR/M12FRT 0,1 AE - Power cable



1004321

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Power cable, 4-position, PUR halogen-free, black-gray RAL 7021, free cable end, on Socket angled M12, coding: T, cable length: 15 m, For direct current up to 12 A/63 V, with ferrules

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1004321 |
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Product key | AF1CCQ |
| GTIN | 4055626472461 |
| Weight per piece (including packing) | 1,605.6 g |
| Weight per piece (excluding packing) | 1,605.6 g |
| Country of origin | PL |

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Technical data

Product properties

| | |
|---------------------|---------------|
| Product type | Power cable |
| Application | Energy supply |
| Number of positions | 4 |

Electrical properties

| | |
|-----------------------|---------|
| Nominal voltage U_N | 63 V DC |
| | 63 V DC |

Connector

Connection 1

| | |
|------|----------------|
| Type | free cable end |
|------|----------------|

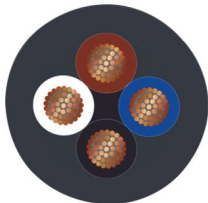
Connection 2

| | |
|-------------|-------------------|
| Type | Socket angled M12 |
| Coding type | T (Power) |

Cable/line

| | |
|--------------|------|
| Cable length | 15 m |
|--------------|------|

PUR halogen-free black [PUR]

| | |
|-------------------------------------|--|
| Dimensional drawing |  |
| Cable weight | 83 kg/km |
| UL AWM Style | 20549 / 10493 (80°C/300 V) |
| Number of positions | 4 |
| Shielded | no |
| Cable type | PUR halogen-free black [PUR] |
| Conductor structure, voltage supply | 44x 0.20 mm |
| AWG power supply | 16 |
| Conductor cross-section | 4x 1.5 mm ² |
| Wire diameter incl. insulation | 2.2 mm ±0.05 mm |
| External cable diameter | 6.75 mm ±0.2 mm |
| Outer sheath, material | PUR |
| External sheath, color | black-gray RAL 7021 |
| Conductor material | Bare Cu litz wires |

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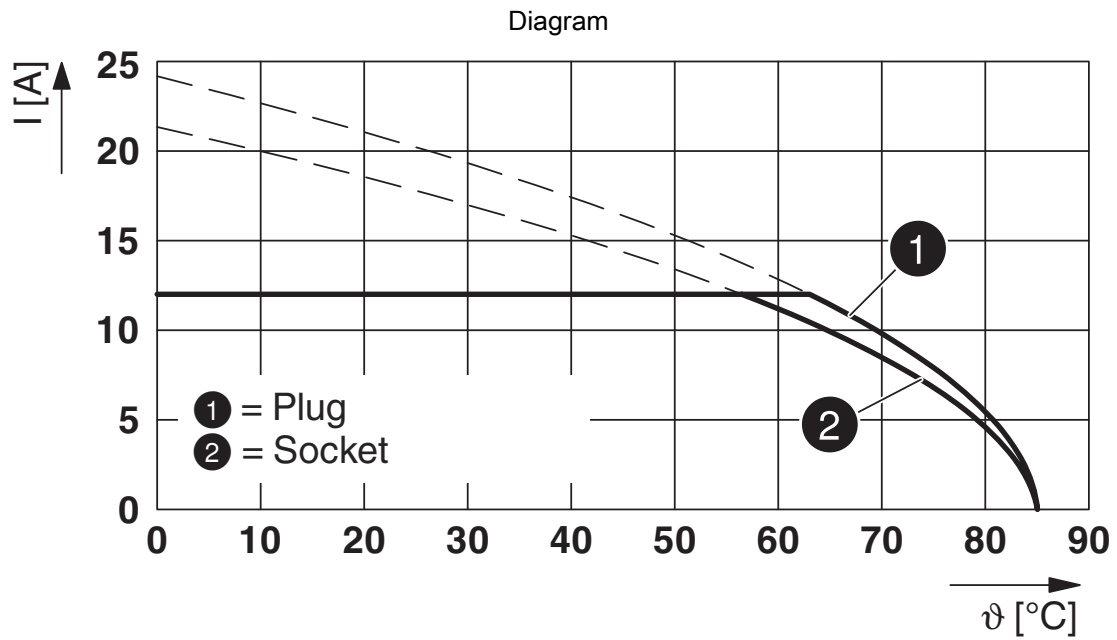


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| | |
|---|--|
| Material wire insulation | PP |
| Single wire, color | brown, white, blue, black |
| Thickness, insulation | ≥ 0.26 mm |
| Thickness, outer sheath | approx. 0.70 mm |
| Overall twist | 4 wires, twisted |
| Max. conductor resistance | ≤ 14.1 Ω/km (at 20 °C) |
| Insulation resistance | ≥ 1 GΩ*km (at 20 °C) |
| Nominal voltage, cable | ≤ 300 V AC |
| Test voltage | ≥ 3000 V AC (Spark test) |
| Minimum bending radius, fixed installation | 5 x D |
| Minimum bending radius, flexible installation | 10 x D |
| Smallest bending radius, fixed installation | 34 mm |
| Smallest bending radius, movable installation | 68 mm |
| Dynamic load capacity (bending) | Max. bending cycles: 5000000, Bending radius: 10 x D, Traversing path: 10 m, Traversing rate: 3 m/s, Acceleration: 10 m/s ² |
| Dynamic load capacity (torsion) | Torsion: ±180 °/m, Torsion cycles: 500000, Torsional frequency: 35 cycles/min. |
| Halogen-free | in accordance with DIN VDE 0472 part 815 in accordance with DIN EN 50267-2-1 |
| Flame resistance | According to UL 758/1581 (Cable Flame) in accordance with UL 758/1581 FT2 according to DIN EN 60332-2-2 |
| Resistance to oil | according to DIN EN 60811-404, 168 h at 100 °C according to UL 758, 168 h at 60 °C |
| Other resistance | Hydrolysis and microbe resistant as per VDE 0282 section 10 Low adhesion abrasion-resistant Resistant to salt water |
| Special properties | Flexible cable conduit capable |
| Ambient temperature (operation) | -50 °C ... 85 °C (cable, fixed installation) -30 °C ... 85 °C (Cable, flexible installation) |

Drawings



Base curve

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27060327 |
| ECLASS-15.0 | 27060327 |

UNSPSC

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|-------------|----------|
| UNSPSC 21.0 | 31251501 |
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