

PRC 3-CA-MF-H07-2,5-5,0 - Connecting cable



1150693

<https://www.phoenixcontact.com/us/products/1150693>

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Connecting cable, Range of articles: PRC 35, color: black, number of positions: 3, rated voltage: 690 V AC, rated current: 24 A, Connection method: Screw connection, This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary.

Your advantages

- Time savings of 80% for startup with Plug and Play
- Locking mechanism can be unlocked manually or using a tool
- Suitable for applications in atmospheres containing salt and in direct sunlight
- Ideal for indoor and outdoor use due to weatherproof materials

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1150693 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB03 |
| Product key | ABLCDB |
| GTIN | 4063151147457 |
| Weight per piece (including packing) | 1,118.554 g |
| Weight per piece (excluding packing) | 1,118.554 g |
| Customs tariff number | 85444290 |
| Country of origin | PL |

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Technical data

Notes

| | |
|--------------------|---|
| Order information: | This item is also available with other cable lengths. For your specific requirements, please contact your local PHOENIX CONTACT subsidiary. |
|--------------------|---|

Product properties

| | |
|---------------------|------------------------------|
| Product type | Assembled installation cable |
| Product family | PRC 35 |
| Number of positions | 3 |
| Connection profile | 2+PE |
| Coding | AD |

Insulation characteristics

| | |
|---------------------|----|
| Protection class | II |
| Degree of pollution | 2 |

Electrical properties

| | |
|-----------------------------|---|
| Rated voltage (III/2) | 690 V |
| Rated voltage | 690 V AC (III/2.00) in accordance with IEC 61984 |
| | 600 V AC (III/2.00) In accordance with UL 2238 |
| | 500 V AC / DC (III/2.00) in accordance with IEC 61535, when mounted |
| Rated surge voltage (III/2) | 8 kV |
| Rated current | 24 A (in accordance with IEC 61984) |
| | 20 A (in accordance with IEC 61535) |

Dimensions

| | |
|--------|---------|
| Width | 37.6 mm |
| Height | 37.6 mm |
| Length | 5 m |

Material specifications

| | |
|--|-----------------------------------|
| Color | black |
| Color of the housing part | black |
| Material Seal | EPDM (Cable seal) |
| | EPDM (Housing seal) |
| Material Housing | PPE |
| Material Contact carrier | PPE |
| Material Cable gland | PPE |
| Material Contact | CuZn (Contact material, Pb < 0.1) |
| Flammability rating according to UL 94 | V0 |
| Contact material | Cu |
| Contact surface material | silver-plated |

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Environmental and real-life conditions

Ambient conditions

| | |
|---|-----------------|
| Ambient temperature (operation) | 30 °C ... 60 °C |
| Ambient temperature (storage/transport) | 30 °C ... 60 °C |
| Ambient temperature (assembly) | 5 °C ... 60 °C |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27440604 |
| ECLASS-15.0 | 27440604 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002587 |
|-----------|----------|

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.) | Triphenyl phosphate(CAS: 115-86-6) |
| SCIP | 21150d4c-b2cf-4b66-ba1f-921ac74c1bdb |

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