# PRC 20/5-C2-FT25-FS2,5 - Device connector front mounting

1308656

https://www.phoenixcontact.com/us/products/1308656

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Device connector front mounting, Range of articles: PRC 20, color: black, number of positions: 5, min. conductor cross-section: 0.5 $mm^2$, max. conductor cross-section: 2.5 $mm^2$, rated voltage: 400 V, rated current: 20 A, Connection method: Screw connection, Setting option for release: 1. with a tool or 2. by hand, scope: SIGNAL

## Your advantages

- More space on the device front with current transmission up to 20 A in a minimum amount of space
- Duo-Unlock technology for greater flexibility during installation and maintenance
- Reliable use under extreme ambient conditions with high degrees of protection and impact resistance
- Simple handling with proven crimp or screw connection technology
- Mechanical and color coding for quick and error-free startup

## Commercial data

| | |
|---|---|
| Item number | 1308656 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB03 |
| Product key | ABLHAD |
| GTIN | 4063151560102 |
| Weight per piece (including packing) | 45.5 g |
| Weight per piece (excluding packing) | 33.627 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

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## Technical data

### Notes

| | |
|---|---|
| Order information: | Setting option for release: 1. with a tool or 2. by hand |
| Note on application | For assembly notes, please refer to the packing slip |

### Product properties

| | |
|---|---|
| Product type | Panel feed-through |
| Product family | PRC 20 |
| Area of application | SIGNAL |
| Number of positions | 5 |
| Connection profile | 5 |
| Coding | 5-C2 |

Insulation characteristics

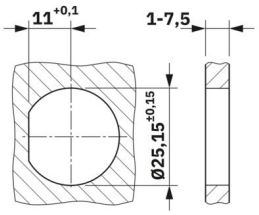
| | |
|---|---|
| Protection class | II |

### Connection data

Connection technology

| | |
|---|---|
| Connection method | Screw connection |

### Dimensions

| | |
|---|---|
| Dimensional drawing |   |
| Width | 34 mm |
| Height | 38.4 mm |
| Length | 52 mm |

### Electrical properties

| | |
|---|---|
| Rated voltage | 400 V (III/2) in accordance with IEC 61984 |
| | 400 V AC (III/2) in accordance with IEC 61535 |
| | 600 V AC / DC (III/2) in accordance with UL 2238 / UL 2237 |
| | 500 V DC (III/2) in accordance with IEC 61535 |
| Rated current | 20 A (With 2.5 mm² conductor cross-section in accordance with IEC 61535) |

### Material specifications

| | |
|---|---|
| Color (Housing) | black (RAL 9005) |

| | |
|---|---|
| Material Housing | PPE |
| Material Contact carrier | PPE |
| Material Contact | CuZn (Contact material, Pb < 0.1) |
| Flammability rating according to UL 94 | V0 |

## Cable/line

| | |
|---|---|
| Single wire, cross section | 0.5 mm² 2.5 mm² |
| Halogen-free | yes |

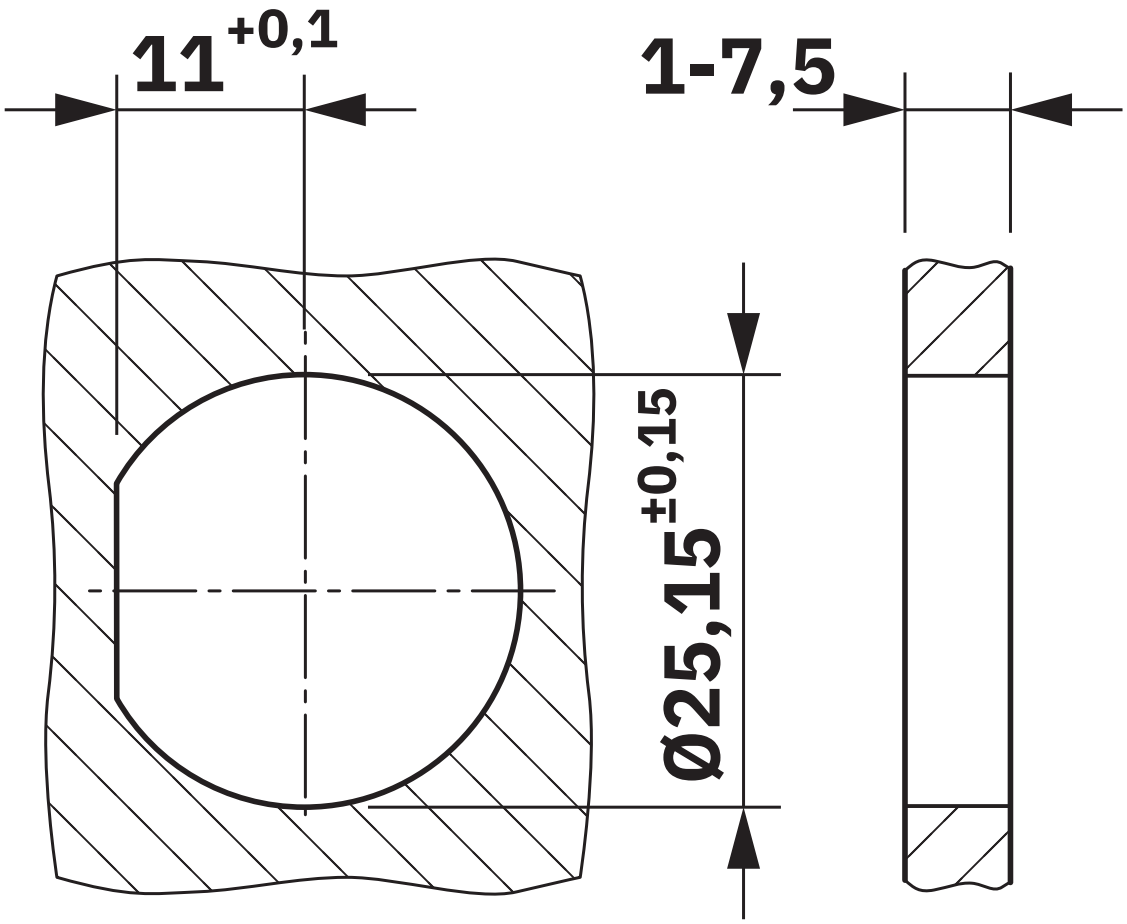
## Environmental and real-life conditions

### Ambient conditions

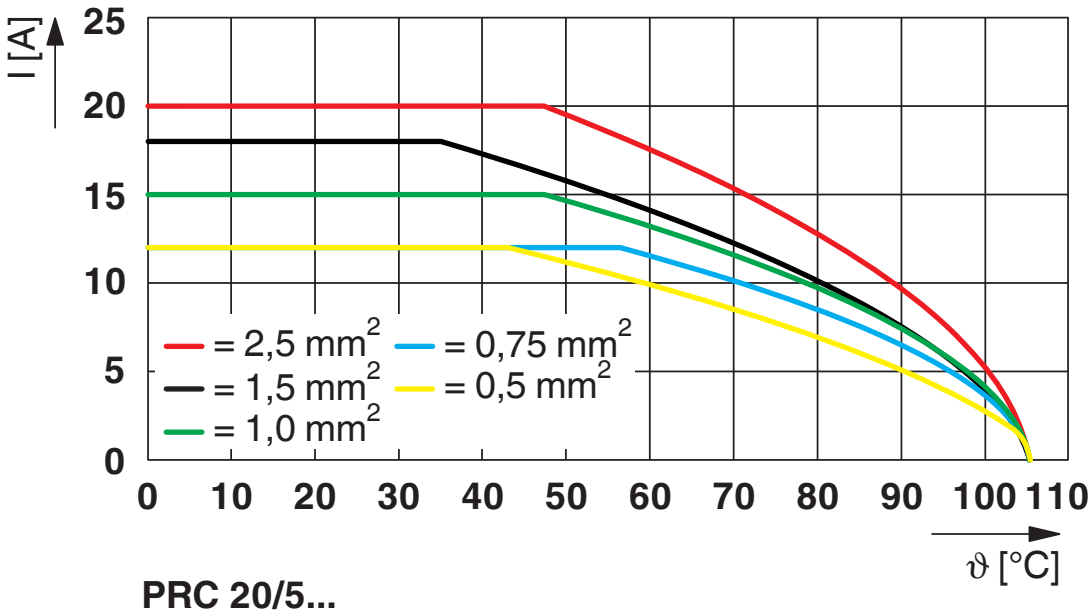
| | |
|---|---|
| Degree of protection | IP66 |
| | IP68 (2 m / 2 h) |
| | IP69 |
| Category of shock impact | IK08 (-25°C) |
| Ambient temperature (operation) | -40 °C ... 85 °C (observe derating) |
| Ambient temperature (storage/transport) | -40 °C ... 75 °C |
| Ambient temperature (assembly) | -5 °C ... 85 °C |

## Drawings

Dimensional drawing



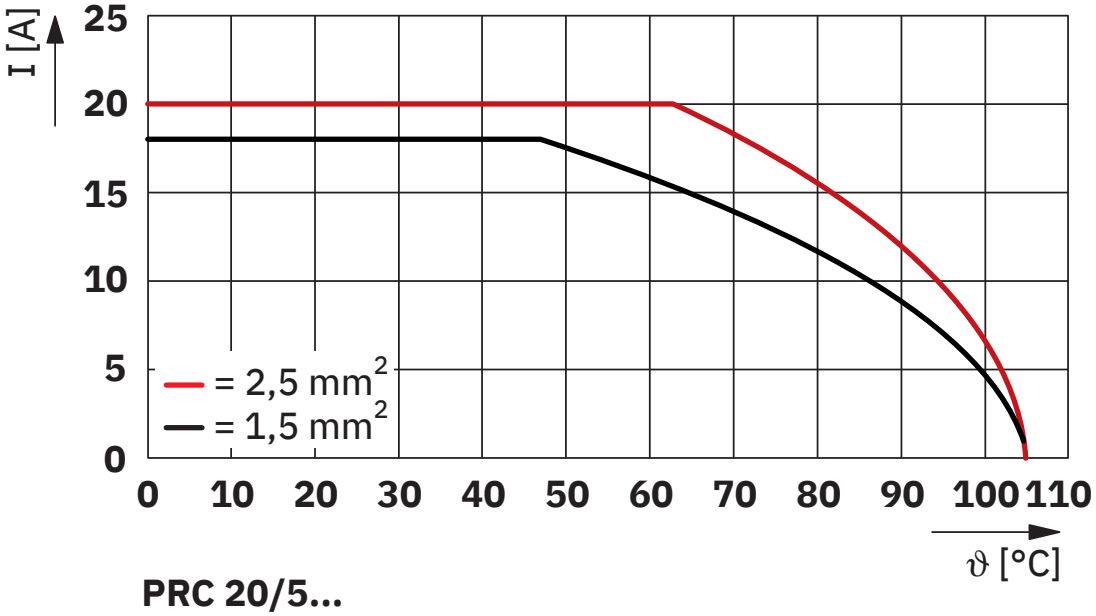
Diagram




**PRC 20/5...**
**IEC 60512-5-2 / 4 conductors**

Derating

Diagram




**PRC 20/5...**
**IEC 61535 / 3 conductors**

Derating

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121400 |

## 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 | 789cfc2b-d41a-4182-886b-bbaeaf8b57ab |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.717 kg CO2e |


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