

CBC-PRC 3-FT25-MS6 400V - Panel feed-through



1437018

<https://www.phoenixcontact.com/us/products/1437018>

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Panel feed-through, Range of articles: ArcZero, color: black, number of positions: 3, min. conductor cross-section: 1.5 mm², max. conductor cross-section: 6 mm², rated voltage: 400 VDC, rated current: 20 A, Connection method: Screw connection, Maximum load when disconnecting: 8 kW, scope: DC grid

Your advantages

- Safe connection and disconnection under load
- Fast disconnection of flying leads
- Time-saving maintenance or replacement of connected devices
- Robust outdoor design even for extreme conditions
- Particularly durable and economical

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1437018 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB03 |
| Product key | ABLFAA |
| GTIN | 4063151814427 |
| Weight per piece (including packing) | 54.5 g |
| Weight per piece (excluding packing) | 40.617 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Notes

| | |
|---------------------|---|
| Note on application | Maximum load when disconnecting: 8 kW (6,7 μF/5 mH) |
| Note on application | Maximum load when connecting: 2 kW (6,7 μF/5 mH) |
| Note on application | Observe the specifications of the packing slip. |
| Notes on safety | Fit the protective cap when not plugged in. |

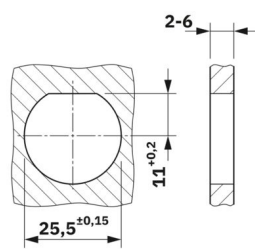
Product properties

| | |
|---------------------|--------------------|
| Product type | Panel feed-through |
| Product family | ArcZero |
| Area of application | DC grid |
| Number of positions | 3 |

Insulation characteristics

| | |
|------------------|----------------------|
| Protection class | II (plastic housing) |
|------------------|----------------------|

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 35 mm |
| Height | 35 mm |
| Length | 54.7 mm |

Electrical properties

| | |
|---------------|--|
| Rated voltage | 400 VDC (III/2.00) in accordance with IEC 61984 |
| | 250 VDC Minimum system voltage |
| | 400 VDC (III/2.00) in accordance with IEC 61535 |
| | 400 VDC (III/2.00) in accordance with UL 2238 / UL 2237 |
| Rated current | 20 A (With 2.5 mm ² conductor cross-section in accordance with IEC 61984) |

Mechanical properties

Mechanical data

| | |
|-----------------------------|------------------------|
| Insertion/withdrawal cycles | 500 (under rated load) |
|-----------------------------|------------------------|

Material specifications

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

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Cable/line

| | |
|---|--|
| Single wire, cross section | 1.5 mm ² 6 mm ² |
| Stripping length of the individual wire | 13 mm (Lay PE conductor 10 mm leading) |
| Halogen-free | yes |

Environmental and real-life conditions

Ambient conditions

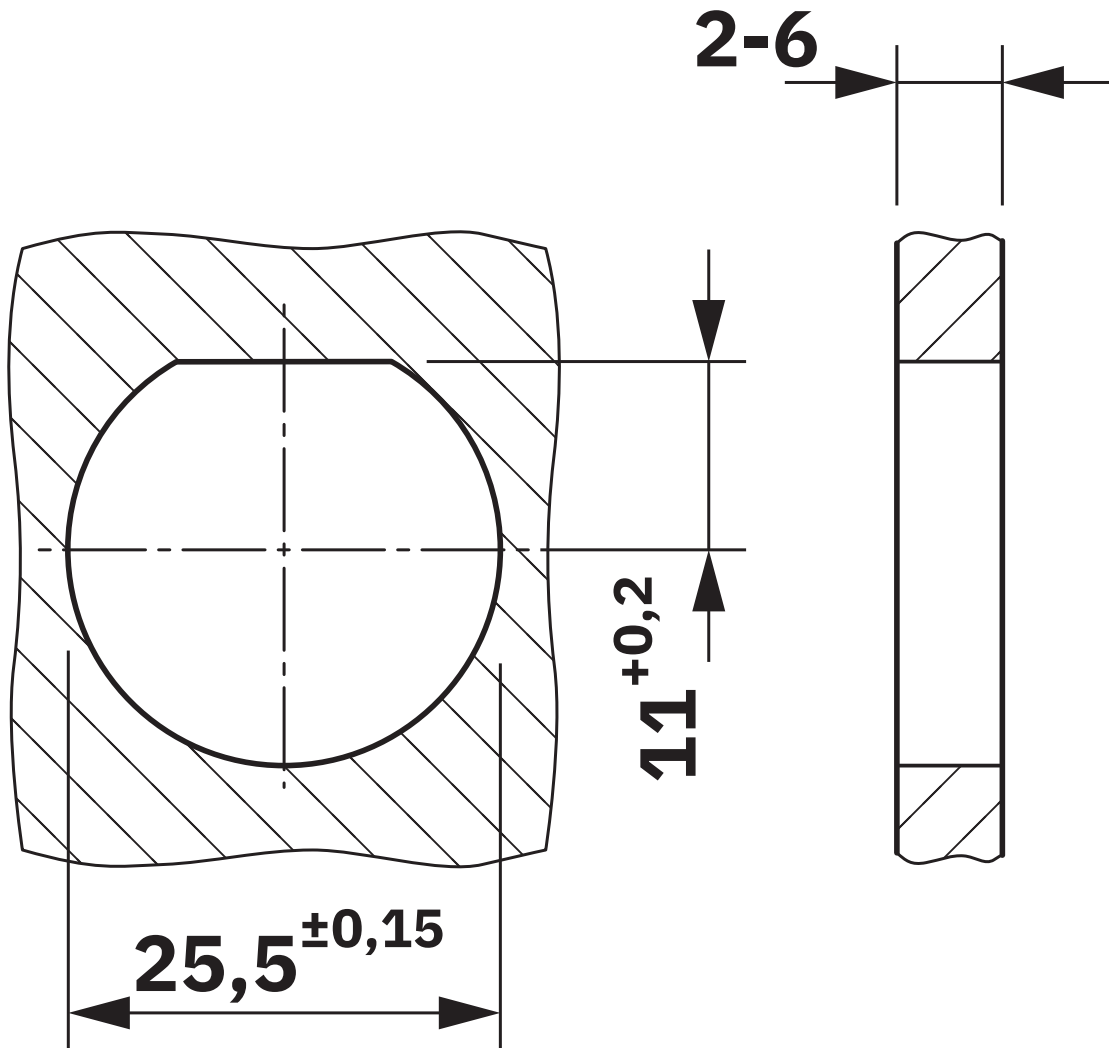
| | |
|---|-------------------------------------|
| Degree of protection | IP66 |
| | IP68 (2 m / 2 h) |
| | IP69 |
| Category of shock impact | IK08 (-25°C) |
| Ambient temperature (operation) | -40 °C ... 85 °C (observe derating) |
| Ambient temperature (storage/transport) | -40 °C ... 105 °C |
| Ambient temperature (assembly) | -20 °C ... 60 °C |

Standards and regulations

| | |
|--------------------------|----------------|
| Standards/specifications | IEC 61984 |
| | IEC TS 62735-1 |

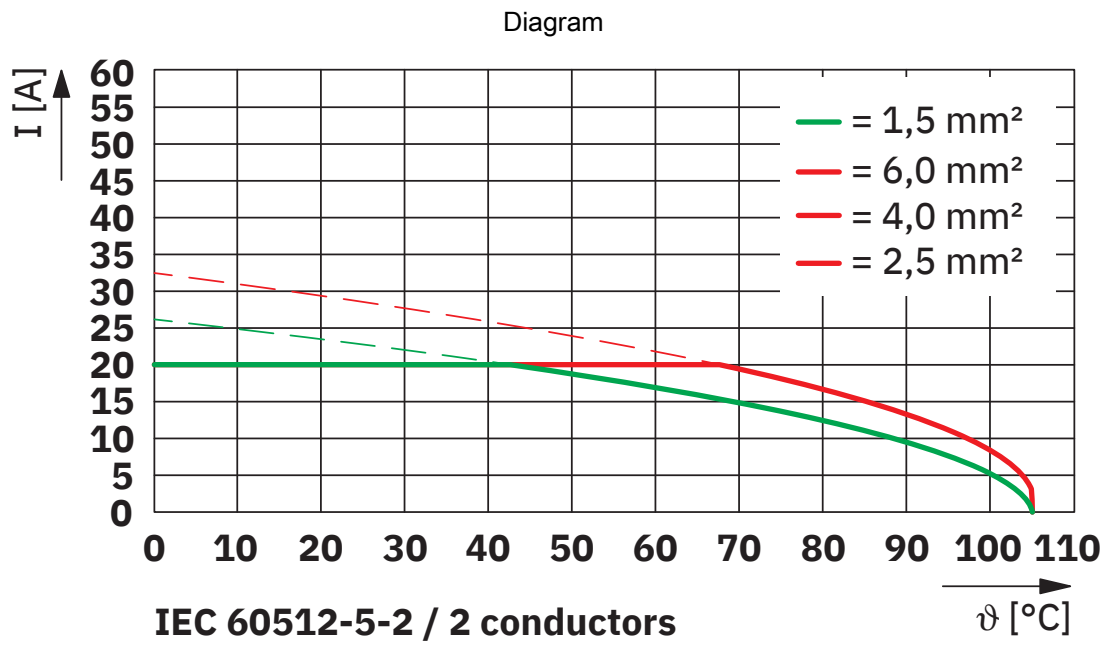
Drawings

Dimensional drawing



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Derating

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Classifications

ECLASS

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

ETIM

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

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 | 48cdf12d-6d85-497b-bec5-505dfe7fb3d3 |

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