3060128 https://www.phoenixcontact.com/us/products/3060128



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Plug, nom. voltage: 800 V, nominal current: 32 A, number of positions: 2, connection method: Screw connection, Rated cross section: 4 mm^2 , cross section: 0.2 mm^2 - 6 mm^2 , color: gray

Your advantages

- · Screw actuation from the side
- Conductor connection from above
- · The plug design enables space-saving potential distribution by using four-conductor terminal blocks with two slots

Commercial data

| Item number | 3060128 |
|--------------------------------------|---------------------|
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE01 |
| Product key | BE1144 |
| Catalog page | Page 336 (C-1-2019) |
| GTIN | 4046356090292 |
| Weight per piece (including packing) | 9.845 g |
| Weight per piece (excluding packing) | 9.222 g |
| Customs tariff number | 85366990 |
| Country of origin | TR |

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Technical data

Product properties

| Product type | Terminal plug |
|---|---|
| Number of positions | 2 |
| Pitch | 6.2 mm |
| Potentials | 1 |
| Insulation characteristics | |
| Overvoltage category | III |
| Degree of pollution | 3 |
| | |
| Electrical properties | |
| Rated surge voltage | 8 kV |
| | |
| Connection data | |
| Nominal cross section | 4 mm ² |
| Screw thread | M3 |
| Tightening torque | 0.6 0.8 Nm |
| Stripping length | 9 mm |
| Internal cylindrical gage | A4 |
| Connection in acc. with standard | IEC 61984 |
| Conductor cross section rigid | 0.2 mm² 6 mm² |
| Cross section AWG | 24 10 (converted acc. to IEC) |
| Conductor cross section flexible | 0.2 mm² 6 mm² |
| Conductor cross section, flexible [AWG] | 24 10 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm² 4 mm² |
| Flexible conductor cross section (ferrule with plastic sleeve) | 0.25 mm² 4 mm² |
| 2 conductors with same cross section, solid | 0.2 mm ² 1.5 mm ² |
| 2 conductors with same cross section, flexible | 0.2 mm ² 1.5 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 0.25 mm² 1.5 mm² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm² 1.5 mm² |
| Nominal current | 32 A |
| Maximum load current | 32 A (with 6 mm ² conductor cross section) |
| Nominal voltage | 800 V |
| Nominal cross section | 4 mm ² |
| | |

Dimensions

| Width | 12.4 mm |
|--------|---------|
| Height | 21 mm |
| Depth | 41.2 mm |
| Length | 21 mm |
| Pitch | 6.2 mm |

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Material specifications

| Color | gray |
|---|-------------|
| Flammability rating according to UL 94 | V0 |
| Insulating material group | 1 |
| Insulating material | PA |
| Static insulating material application in cold | -60 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 125 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 27,5 MJ/kg |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |

Environmental and real-life conditions

| Ambient temperature (operation) | -60 °C (max. operating temperature see derating curve) |
|--|--|
| Ambient temperature (storage/transport) | -25 °C 60 °C (for a short time, no longer than 24 h, -60°C to +70°C) |
| Ambient temperature (assembly) | -5 °C 70 °C |
| Ambient temperature (actuation) | -5 °C 70 °C |
| Permissible humidity (operation) | 20 % 90 % |
| Permissible humidity (storage/transport) | 30 % 70 % |

| Connection in acc. with standard | IEC 61984 |
|----------------------------------|-----------|
| | 120 01001 |

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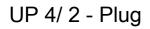
Classifications

ECLASS

| ECLASS-11.0 | 27141151 |
|-------------|----------|
| ECLASS-12.0 | 27141151 |
| ECLASS-13.0 | 27250306 |

ETIM

| | ETIM 9.0 | EC002021 |
|--------|-------------|----------|
| UNSPSC | | |
| | UNSPSC 21.0 | 39121400 |



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Environmental product compliance

| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|------------|---|
| | No hazardous substances above threshold values |

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