

UKK 5-HESI (5X20) - Fuse modular terminal block



3007204

<https://www.phoenixcontact.com/us/products/3007204>

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 5 x 20, nom. voltage: 400 V, nominal current: 32 A, number of positions: 1, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm²- 4 mm², connection method: Screw connection, cross section: 0.2 mm²- 4 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

Your advantages

- Versions with LED
- Compact double-level fuse terminal block

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 3007204 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE12 |
| Product key | BE1234 |
| Catalog page | Page 494 (C-1-2019) |
| GTIN | 4017918155988 |
| Weight per piece (including packing) | 35.148 g |
| Weight per piece (excluding packing) | 35.072 g |
| Customs tariff number | 85369095 |
| Country of origin | PL |

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Technical data

Notes

| | |
|---------|--|
| General | For terminal marking, please use marking material with 8.2 mm pitch. |
| General | For lever marking, please use flat marking material with 8.2 mm pitch. |

Product properties

| | |
|-----------------------|---------------------|
| Product type | Fuse terminal block |
| Number of positions | 1 |
| Number of connections | 4 |
| Number of rows | 2 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Electrical properties

| | |
|---|------------------------|
| Fuse type | Glass / ceramics / ... |
| Rated surge voltage | 6 kV |
| Maximum power dissipation for nominal condition | 1.02 W |
| Fuse | G / 5 x 20 |

Connection data

| | |
|---------------------------------|-------------------|
| Number of connections per level | 2 |
| Nominal cross section | 4 mm ² |

Level 1 above 1 below 1

| | |
|---|--|
| Screw thread | M3 |
| Tightening torque | 0.5 ... 0.8 Nm |
| Stripping length | 8 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section rigid | 0.2 mm ² ... 4 mm ² |
| Cross section AWG | 24 ... 12 (converted acc. to IEC) |
| Conductor cross section flexible | 0.2 mm ² ... 4 mm ² |
| Conductor cross section, flexible [AWG] | 24 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm ² ... 4 mm ² |
| Flexible conductor cross section (ferrule with plastic sleeve) | 0.25 mm ² ... 4 mm ² |
| Cross-section with insertion bridge, rigid | 4 mm ² |
| Cross-section with insertion bridge, flexible | 2.5 mm ² |
| 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 mm ² ... 1.5 mm ² |

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| | |
|---|---|
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 1.5 mm ² |
| Nominal current | 32 A |
| Maximum load current | 32 A (Lower level) |
| Nominal voltage | 400 V |
| Nominal cross section | 4 mm ² |

Level 1 above 1 below 1

| | |
|---|--|
| Screw thread | M3 |
| Tightening torque | 0.5 ... 0.8 Nm |
| Stripping length | 8 mm |
| Internal cylindrical gage | A4 |
| Connection in acc. with standard | IEC 60947-7-3 |
| Conductor cross section rigid | 0.2 mm ² ... 4 mm ² |
| Cross section AWG | 24 ... 12 (converted acc. to IEC) |
| Conductor cross section flexible | 0.2 mm ² ... 4 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm ² ... 4 mm ² |
| Flexible conductor cross section (ferrule with plastic sleeve) | 0.25 mm ² ... 4 mm ² |
| Cross-section with insertion bridge, rigid | 4 mm ² |
| Cross-section with insertion bridge, flexible | 2.5 mm ² |
| 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 mm ² ... 1.5 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 1.5 mm ² |
| Nominal current | 6.3 A |
| Maximum load current | 6.3 A |
| Nominal voltage | 400 V |

Dimensions

| | |
|--------------------|---------|
| Width | 8.2 mm |
| Height | 86.5 mm |
| Depth on NS 32 | 84 mm |
| Depth on NS 35/7,5 | 79 mm |
| Depth on NS 35/15 | 86.5 mm |

Material specifications

| | |
|---|--------|
| Color | black |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |
| Static insulating material application in cold | -60 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |

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| | |
|---|-------------|
| 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) | 28 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 |

Mechanical properties

Mechanical data

| | |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

Environmental and real-life conditions

Ambient conditions

| | |
|--|--|
| Ambient temperature (operation) | -60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.) |
| Ambient temperature (storage/transport) | -25 °C ... 60 °C (for a short time, not exceeding 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 % |

Standards and regulations

| | |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-1 |
| | IEC 60947-7-3 |

Mounting

| | |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
| | NS 35/15 |
| | NS 32 |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141116 |
| ECLASS-12.0 | 27141116 |
| ECLASS-13.0 | 27250113 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC000899 |
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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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