

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



3004472

<https://www.phoenixcontact.com/us/products/3004472>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 5 x 20, nom. voltage: 800 V, nominal current: 6.3 A, connection method: Screw connection, Rated cross section: 4 mm², cross section: 0.2 mm²- 4 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3004472 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE12 |
| Product key | BE1234 |
| GTIN | 4017918243456 |
| Weight per piece (including packing) | 18.9 g |
| Weight per piece (excluding packing) | 18.75 g |
| Customs tariff number | 85369095 |
| Country of origin | IN |

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



3004472

<https://www.phoenixcontact.com/us/products/3004472>

Technical data

Notes

| | |
|------------------------|--|
| Order information: | Fuse-link not supplied as standard |
| Note regarding marking | For terminal marking, please use marking material with 8.2 mm pitch. |
| Note regarding marking | For lever marking, please use marking material with 6.2 mm pitch. |

Product properties

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

Insulation characteristics

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

Electrical properties

| | |
|---|------------------------|
| Fuse type | Glass / ceramics / ... |
| Rated surge voltage | 8 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 |
| Connection method | Screw connection |
| Screw thread | M3 |
| Tightening torque | 0.6 ... 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 [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 | 4 mm ² |
| 2 conductors with same cross section, rigid | 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 | 0.25 mm ² ... 1.5 mm ² |

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



3004472

<https://www.phoenixcontact.com/us/products/3004472>

| | |
|---|--|
| without plastic sleeve | |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 1.5 mm ² |
| Nominal cross section | 4 mm ² |
| Nominal current | 6.3 A |
| Maximum load current | 6.3 A (the current is determined by the fuse used) |
| Nominal voltage | 800 V (As a fuse terminal block) |

Dimensions

| | |
|--------------------|---------|
| Width | 8.2 mm |
| Height | 72.5 mm |
| Depth on NS 32 | 61.5 mm |
| Depth on NS 35/7,5 | 56.5 mm |
| Depth on NS 35/15 | 64 mm |

Material specifications

| | |
|---|------------------|
| Color | black (RAL 9005) |
| Flammability rating according to UL 94 | V2 |
| Insulating material group | I |
| Insulating material | PA |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 125 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 125 °C |

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

Oscillation/broadband noise

| | |
|------------------------|--|
| Specification | DIN EN 50155 (VDE 0115-200):2008-03 |
| Spectrum | Long life test category 1, class B, body mounted |
| Frequency | $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$ |
| ASD level | 1.857 (m/s ²)/Hz |
| Acceleration | 0.8g |
| Test duration per axis | 5 h |
| Test directions | X-, Y- and Z-axis |
| Result | Test passed |

Shocks

| | |
|----------------|-------------------------------------|
| Specification | DIN EN 50155 (VDE 0115-200):2008-03 |
| Pulse shape | Half-sine |
| Acceleration | 5g |
| Shock duration | 30 ms |

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



3004472

<https://www.phoenixcontact.com/us/products/3004472>

| | |
|--------------------------------|-----------------------------------|
| Number of shocks per direction | 3 |
| Test directions | X-, Y- and Z-axis (pos. and neg.) |
| Result | Test passed |

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 60947-7-3 |
|----------------------------------|---------------|

Mounting

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

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



3004472

<https://www.phoenixcontact.com/us/products/3004472>

Drawings

Circuit diagram



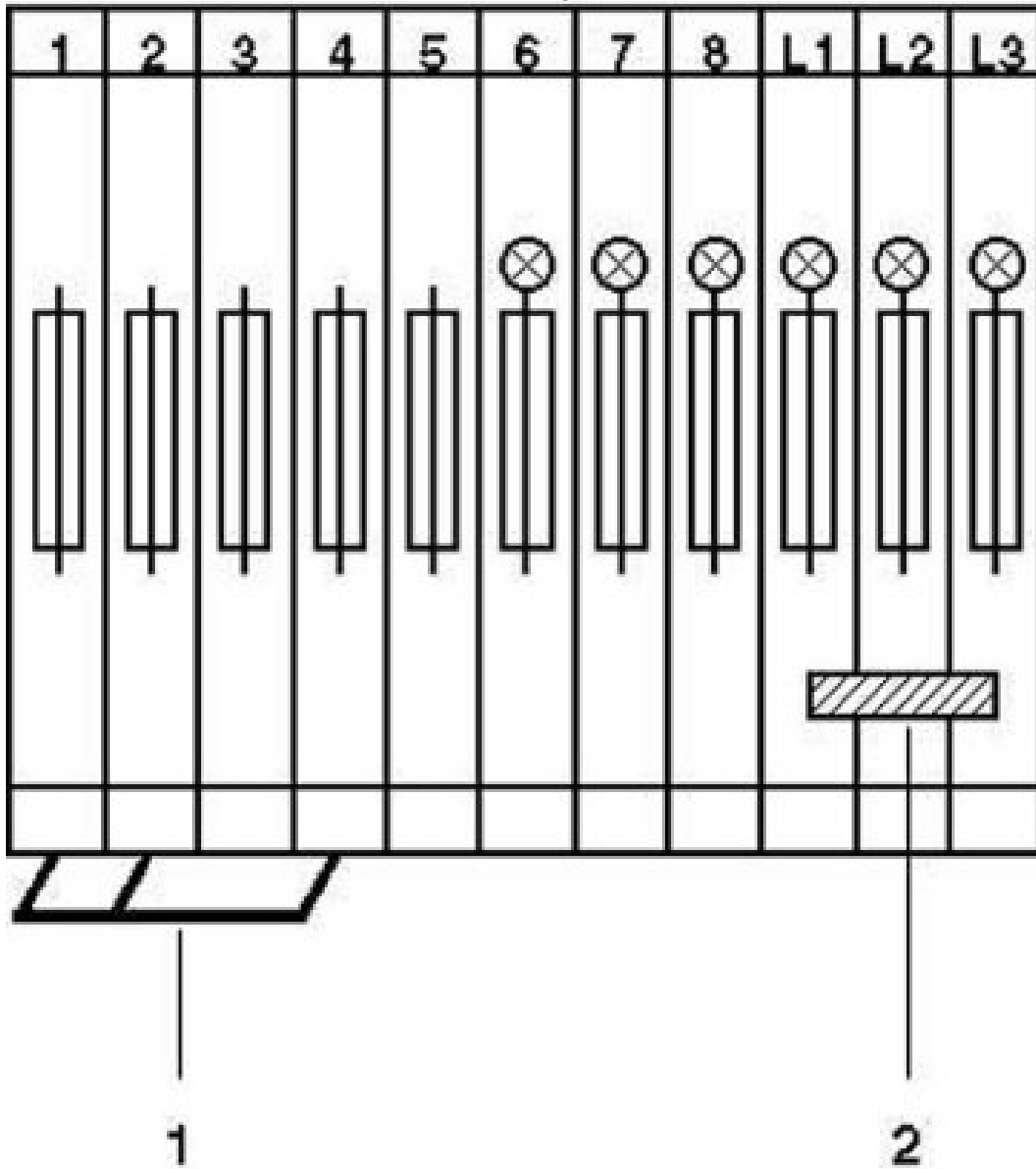
UK 5-HESI (5X20) - Fuse modular terminal block



3004472

<https://www.phoenixcontact.com/us/products/3004472>

Circuit diagram



1 = insertion bridge
2 = fixed bridge

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





3004472


<https://www.phoenixcontact.com/us/products/3004472>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3004472>

|  CSA Approval ID: 13631 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| B | 600 V | 6.3 A | 28 - 10 | - |
| C | 600 V | 6.3 A | 28 - 10 | - |

|  EAC Approval ID: KZ7500651131219505 | | | | |
|---|--|--|--|--|
|---|--|--|--|--|

|  cULus Recognized Approval ID: E60425 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| B | 600 V | 12 A | 26 - 10 | - |
| C | 600 V | 12 A | 26 - 10 | - |
| F | 600 V | 12 A | 26 - 10 | - |

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



3004472

<https://www.phoenixcontact.com/us/products/3004472>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250113 |
| ECLASS-15.0 | 27250113 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000899 |
|-----------|----------|

UNSPSC

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

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



3004472

<https://www.phoenixcontact.com/us/products/3004472>

Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com