

# UK 10,3-CC HESI N - Fuse holder



3048580

<https://www.phoenixcontact.com/us/products/3048580>

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 holder, fuse type: Ceramic, fuse type: Class CC, nom. voltage: 600 V, nominal current: 30 A, number of positions: 1, connection method: Screw connection, Rated cross section: 16 mm<sup>2</sup>, cross section: 1 mm<sup>2</sup>- 16 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: black

## Your advantages

- For 10 x 38 CC fuse-links in accordance with UL 4248-4
- Fuse holder for fuses up to 600 V
- Easy to bridge

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 3048580       |
| Packing unit                         | 12 pc         |
| Minimum order quantity               | 12 pc         |
| Sales key                            | BE12          |
| Product key                          | BE1234        |
| GTIN                                 | 4046356115971 |
| Weight per piece (including packing) | 46.425 g      |
| Weight per piece (excluding packing) | 43.668 g      |
| Customs tariff number                | 85369095      |
| Country of origin                    | TN            |

# UK 10,3-CC HESI N - Fuse holder



3048580

<https://www.phoenixcontact.com/us/products/3048580>

## Technical data

### Product properties

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

### Insulation characteristics

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

### Electrical properties

|                                                 |          |
|-------------------------------------------------|----------|
| Fuse type                                       | Ceramic  |
| Rated surge voltage                             | 6 kV     |
| Maximum power dissipation for nominal condition | 4 W      |
| Fuse                                            | Class CC |

### Connection data

|                                                                                           |                                                            |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------|
| Number of connections per level                                                           | 2                                                          |
| Nominal cross section                                                                     | 16 mm <sup>2</sup>                                         |
| Connection method                                                                         | Screw connection                                           |
| Screw thread                                                                              | M5                                                         |
| Tightening torque                                                                         | 2 Nm                                                       |
| Stripping length                                                                          | 15 mm                                                      |
| Internal cylindrical gage                                                                 | B6<br>A7                                                   |
| Conductor cross-section rigid                                                             | 1 mm <sup>2</sup> ... 16 mm <sup>2</sup>                   |
| Cross section AWG                                                                         | 16 ... 6 (converted acc. to IEC)                           |
| Conductor cross-section flexible                                                          | 1 mm <sup>2</sup> ... 16 mm <sup>2</sup>                   |
| Conductor cross-section, flexible [AWG]                                                   | 16 ... 6 (converted acc. to IEC)                           |
| Conductor cross-section flexible (ferrule without plastic sleeve)                         | 1 mm <sup>2</sup> ... 16 mm <sup>2</sup>                   |
| Flexible conductor cross-section (ferrule with plastic sleeve)                            | 1 mm <sup>2</sup> ... 16 mm <sup>2</sup>                   |
| 2 conductors with same cross section, solid                                               | 1 mm <sup>2</sup> ... 6 mm <sup>2</sup>                    |
| 2 conductors with same cross section, flexible                                            | 1 mm <sup>2</sup> ... 6 mm <sup>2</sup>                    |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve       | 1.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>                  |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 1.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>                  |
| Nominal current                                                                           | 30 A (the current and voltage are determined by the fuse)  |
| Maximum load current                                                                      | 30 A (the current and voltage are determined by the fuse)  |
| Nominal voltage                                                                           | 600 V (the current and voltage are determined by the fuse) |
| Nominal cross section                                                                     | 16 mm <sup>2</sup>                                         |

### Dimensions

# UK 10,3-CC HESI N - Fuse holder



3048580

<https://www.phoenixcontact.com/us/products/3048580>

|                    |         |
|--------------------|---------|
| Width              | 17.5 mm |
| Height             | 79.3 mm |
| Depth              | 56.5 mm |
| Depth on NS 35/7,5 | 64 mm   |
| Depth on NS 35/15  | 71.5 mm |

## Material specifications

|                                                                  |                  |
|------------------------------------------------------------------|------------------|
| Color                                                            | black (RAL 9005) |
| Flammability rating according to UL 94                           | V2               |
| Insulating material group                                        | III              |
| Insulating material                                              | PA               |
| Relative insulation material temperature index (Elec., UL 746 B) | 125 °C           |

## Mechanical properties

### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

|                                          |                                                                           |
|------------------------------------------|---------------------------------------------------------------------------|
| Ambient temperature (operation)          | -40 °C ... 90 °C (max. short-term operating temperature RTI Elec. )       |
| Ambient temperature (storage/transport)  | -40 °C ... 70 °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 %                                                             |

## Mounting

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

# UK 10,3-CC HESI N - Fuse holder

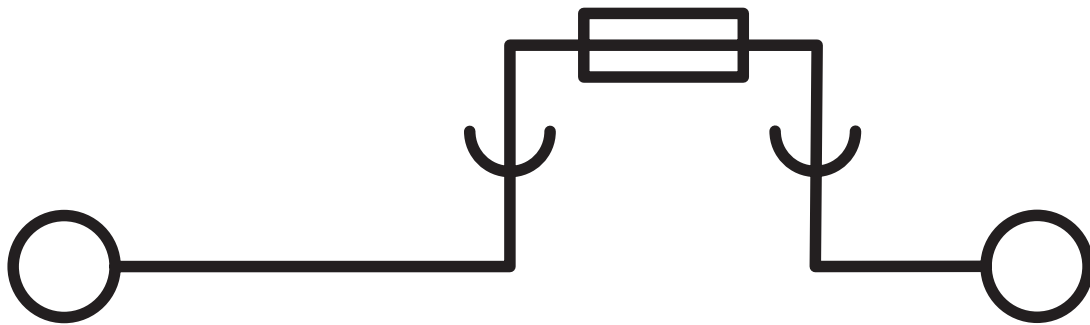
3048580

<https://www.phoenixcontact.com/us/products/3048580>



## Drawings

Circuit diagram



# UK 10,3-CC HESI N - Fuse holder

3048580

<https://www.phoenixcontact.com/us/products/3048580>



## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3048580>

|                                                                                                                                 |                       |                       |                   |                             |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
| <div> <b>CSA</b><br/>Approval ID: 274201</div> |                       |                       |                   |                             |
|                                                                                                                                 | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
| keine                                                                                                                           |                       |                       |                   |                             |
|                                                                                                                                 | 600 V                 | 30 A                  | 18 - 4            | -                           |
| Multi-conductor connection                                                                                                      | 600 V                 | 30 A                  | 18 - 6            | -                           |

|                                                                                                                                        |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| <div> <b>UL Listed</b><br/>Approval ID: E244294</div> |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

# UK 10,3-CC HESI N - Fuse holder

3048580

<https://www.phoenixcontact.com/us/products/3048580>



## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

# UK 10,3-CC HESI N - Fuse holder

3048580

<https://www.phoenixcontact.com/us/products/3048580>



## 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.)     | No substance above 0.1 wt%               |
| EF3.0 Climate Change                    |                                          |
| CO2e kg                                 | 0.35 kg CO2e                             |

Phoenix Contact 2025 © - 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](mailto:info@phoenixcon.com)