

# UK 10,3-HESILED N 690 - Fuse holder



3048399

<https://www.phoenixcontact.com/us/products/3048399>

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: 10.3 x 38 mm, nom. voltage: 690 V AC, 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

- Quick identification of faulty fuses regardless of the current direction, thanks to LED status indicator
- For 10 x 38 fuse-links in accordance with IEC 60269-2
- Fuse holder for fuses up to 690 V AC
- Easy to bridge

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 3048399       |
| Packing unit                         | 12 pc         |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BE12          |
| Product key                          | BE1234        |
| GTIN                                 | 4017918976309 |
| Weight per piece (including packing) | 46.91 g       |
| Weight per piece (excluding packing) | 52 g          |
| Customs tariff number                | 85369095      |
| Country of origin                    | TN            |

# UK 10,3-HESILED N 690 - Fuse holder



3048399

<https://www.phoenixcontact.com/us/products/3048399>

## Technical data

### Notes

|                    |                                    |
|--------------------|------------------------------------|
| Order information: | Fuse-link not supplied as standard |
|--------------------|------------------------------------|

### 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 | 3 W                                                                                         |
| Fuse                                            | 10.3 x 38 mm                                                                                |
| LED voltage range                               | 110 V AC/DC ... 690 V AC/DC (The voltage is determined by the fuse or selected LED display) |

### Input data

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| LED voltage range | 110 V AC/DC ... 690 V AC/DC (The voltage is determined by the fuse or selected LED display) |
|-------------------|---------------------------------------------------------------------------------------------|

### 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                                   |
| Connection in acc. with standard                                  | IEC 60269-1 / -2                           |
| Conductor cross-section rigid                                     | 1 mm <sup>2</sup> ... 16 mm <sup>2</sup>   |
| Cross section AWG                                                 | 18 ... 6 (converted acc. to IEC)           |
| Conductor cross-section flexible                                  | 1 mm <sup>2</sup> ... 16 mm <sup>2</sup>   |
| Conductor cross-section, flexible [AWG]                           | 18 ... 6 (converted acc. to IEC)           |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup> |
| Flexible conductor cross-section (ferrule with plastic sleeve)    | 1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup> |
| 2 conductors with same cross section, rigid                       | 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>    |

# UK 10,3-HESILED N 690 - Fuse holder



3048399

<https://www.phoenixcontact.com/us/products/3048399>

|                                                                                           |                                                                          |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 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 cross section                                                                     | 16 mm <sup>2</sup>                                                       |
| Nominal current                                                                           | 30 A (The voltage is determined by the fuse or selected LED display)     |
| Maximum load current                                                                      | 30 A (the current and voltage are determined by the fuse)                |
| Nominal voltage                                                                           | 690 V AC (The voltage is determined by the fuse or selected LED display) |

## Dimensions

|                    |         |
|--------------------|---------|
| Width              | 17.6 mm |
| Height             | 79.3 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              | IIIb             |
| Insulating material                    | PA               |

## Mechanical properties

### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

|                                          |                                                                           |
|------------------------------------------|---------------------------------------------------------------------------|
| Ambient temperature (operation)          | -60 °C ... 85 °C (max. short-term operating temperature RTI Elec. )       |
| Ambient temperature (storage/transport)  | -25 °C ... 55 °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

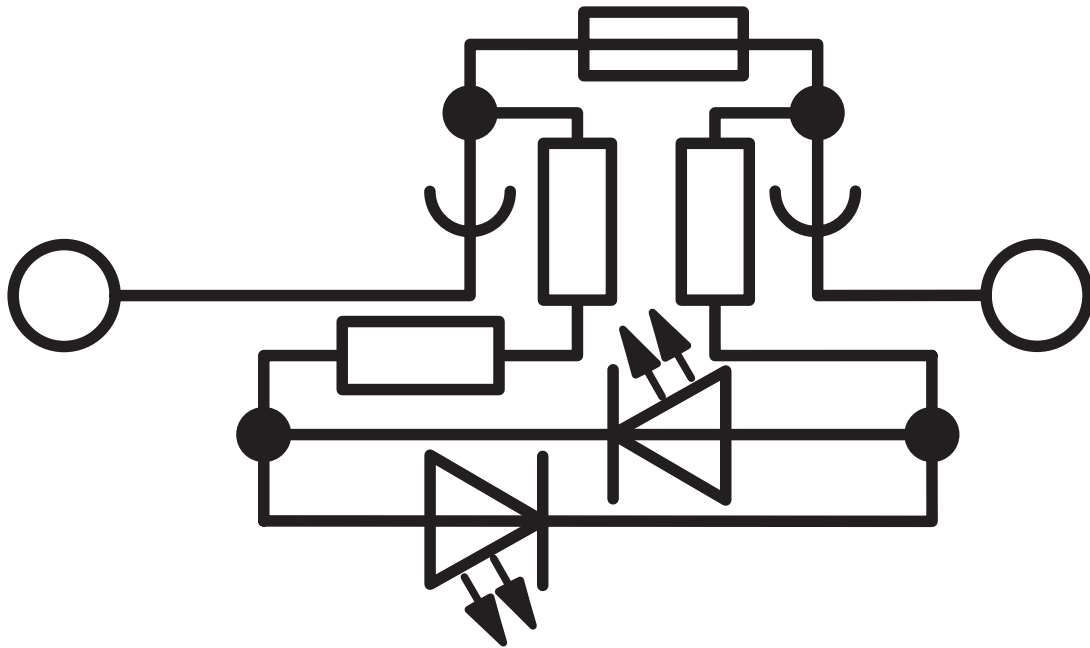
|                                  |                  |
|----------------------------------|------------------|
| Connection in acc. with standard | IEC 60269-1 / -2 |
|----------------------------------|------------------|

## Mounting

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

## Drawings

Circuit diagram



# UK 10,3-HESILED N 690 - Fuse holder

3048399

<https://www.phoenixcontact.com/us/products/3048399>



## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3048399>



**UL Recognized**

Approval ID: E244294



**CSA**

Approval ID: 274201



**CCC**

Approval ID: 2026010302852935



**CCC**

Approval ID: 2026010308852936

# UK 10,3-HESILED N 690 - Fuse holder



3048399

<https://www.phoenixcontact.com/us/products/3048399>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

# UK 10,3-HESILED N 690 - Fuse holder



3048399

<https://www.phoenixcontact.com/us/products/3048399>

## 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% |
|-------------------------------------|----------------------------|

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](mailto:info@phoenixcon.com)