

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

3048399

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

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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

## Technical data

### Notes

Order information:	Fuse-link not supplied as standard
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### 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 ... 690 V AC (The voltage is determined by the fuse or selected LED display)

### Input data

LED voltage range	110 V AC ... 690 V AC (The voltage is determined by the fuse or selected LED display)
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### 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 A7
Connection in acc. with standard	IEC 60947-1 / -3
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>

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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
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## 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 60947-1 / -3
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## Mounting

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

Drawings

Circuit diagram



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## Approvals

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**UL Recognized**

Approval ID: E244294



**CSA**

Approval ID: 274201

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## Classifications

### ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

### ETIM

ETIM 10.0	EC000899
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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%
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### EF3.1 Climate Change

CO2e kg	1.287 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)