

# UK 10,3-CC HESILED N 72 - Fuse holder

3048690

<https://www.phoenixcontact.com/us/products/3048690>

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Fuse holder, fuse type: Ceramic, fuse type: Class CC, nom. voltage: 72 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 20 V DC ... 72 V DC fuses
- Quick identification of faulty fuses regardless of the current direction, thanks to LED status indicator
- Easy to bridge

## Commercial data

Item number	3048690
Packing unit	12 pc
Minimum order quantity	12 pc
Sales key	BE12
Product key	BE1234
GTIN	4046356138635
Weight per piece (including packing)	46.575 g
Weight per piece (excluding packing)	46.575 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	4 W
Fuse	Class CC
LED voltage range	12 V ... 72 V (The voltage is determined by the fuse or selected LED display)

### Input data

LED voltage range	12 V ... 72 V (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	72 V (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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 <b>CSA</b> Approval ID: 274201				
	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	-

 <b>UL Listed</b> Approval ID: E244294				
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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	0.582 kg CO2e
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