

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 mm², cross section: 1 mm²- 16 mm², 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)	46.91 g
Customs tariff number	85369095
Country of origin	TN

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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	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 ²
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 ² ... 16 mm ²
Cross section AWG	18 ... 6 (converted acc. to IEC)
Conductor cross-section flexible	1 mm ² ... 16 mm ²
Conductor cross-section, flexible [AWG]	18 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm ² ... 10 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	1.5 mm ² ... 10 mm ²
2 conductors with same cross section, solid	1 mm ² ... 6 mm ²
2 conductors with same cross section, flexible	1 mm ² ... 6 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	1.5 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN	1.5 mm ² ... 4 mm ²

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ferrule with plastic sleeve	
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)
Nominal cross section	16 mm ²

Dimensions

Width	18 mm
Height	86.7 mm
Depth on NS 35/7,5	65.5 mm
Depth on NS 35/15	73 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

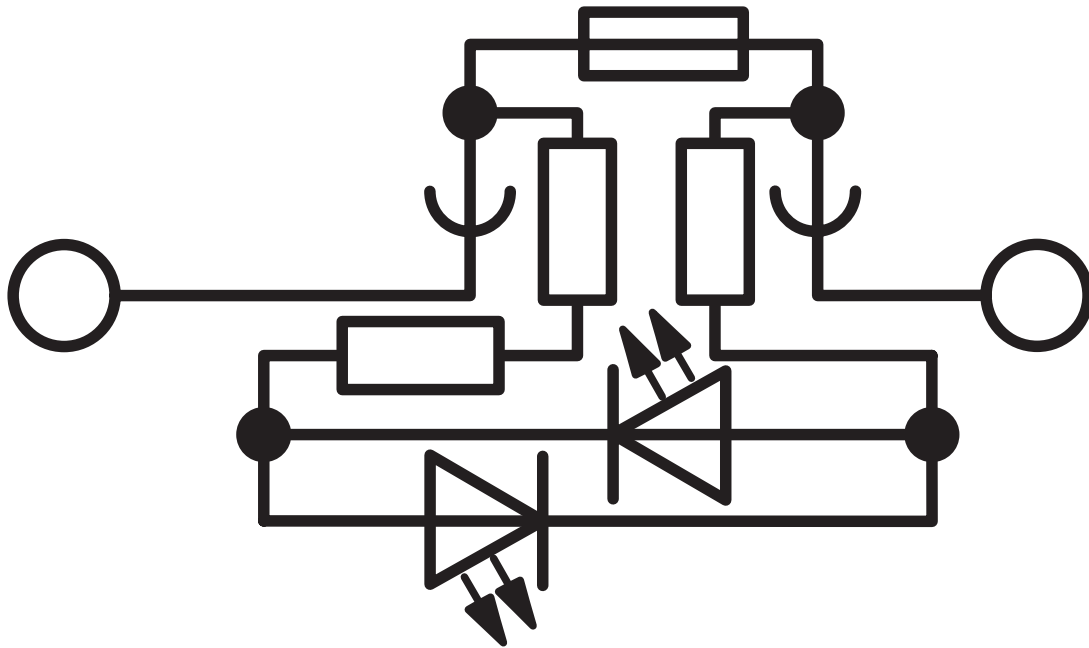
Connection in acc. with standard	IEC 60947-1 / -3
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Mounting

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 9.0	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
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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com