

UK 10,3 HESILED 1000V - Fuse holder



3211249

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Fuse holder, fuse type: Glass / ceramics / ..., fuse type: gPV 10.3 x 38 mm in accordance with 60269-6, nom. voltage: 1000 V DC, nominal current: 30 A, connection method: Screw connection, Rated cross section: 16 mm², cross section: 0.75 mm²- 25 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

Your advantages

- Quick identification of faulty fuses regardless of the current direction, thanks to LED status indicator
- Easy to bridge
- For 10 x 38 gPV fuse-links in accordance with IEC 60269-6
- Fuse holder for fusing 400 V – 1000 V DC PV strings

Commercial data

Item number	3211249
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	BE1234
Catalog page	Page 464 (C-1-2017)
GTIN	4046356482400
Weight per piece (including packing)	51.42 g
Weight per piece (excluding packing)	51.42 g
Customs tariff number	85369095
Country of origin	DE

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Technical data

Product properties

Product type	Fuse terminal block
Number of connections	2
Number of rows	1

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	4 W
Fuse	gPV 10.3 x 38 mm in accordance with 60269-6

Connection data

Number of connections per level	2
Nominal cross section	16 mm ²

Level 1 above 1 below 1

Screw thread	M5
Tightening torque	2 ... 2.5 Nm
Stripping length	11 mm
Internal cylindrical gage	B6
Connection in acc. with standard	IEC 60269-1 / -2
Conductor cross section rigid	0.75 mm ² ... 25 mm ²
Cross section AWG	16 ... 4 (converted acc. to IEC)
Conductor cross section flexible	0.75 mm ² ... 25 mm ²
Conductor cross section, flexible [AWG]	18 ... 4 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.75 mm ² ... 16 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.75 mm ² ... 16 mm ²
Cross-section with insertion bridge, rigid	10 mm ²
Cross-section with insertion bridge, flexible	10 mm ²
2 conductors with same cross section, solid	0.75 mm ² ... 4 mm ²
2 conductors with same cross section, flexible	0.75 mm ² ... 4 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.75 mm ² ... 10 mm ²
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	1000 V DC (the current and voltage are determined by the fuse)
Nominal cross section	16 mm ²

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Dimensions

Width	18 mm
Height	81 mm
Depth on NS 35/7,5	65.5 mm
Depth on NS 35/15	73 mm

Material specifications

Color	black
Flammability rating according to UL 94	V2
Insulating material group	IIIb
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

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

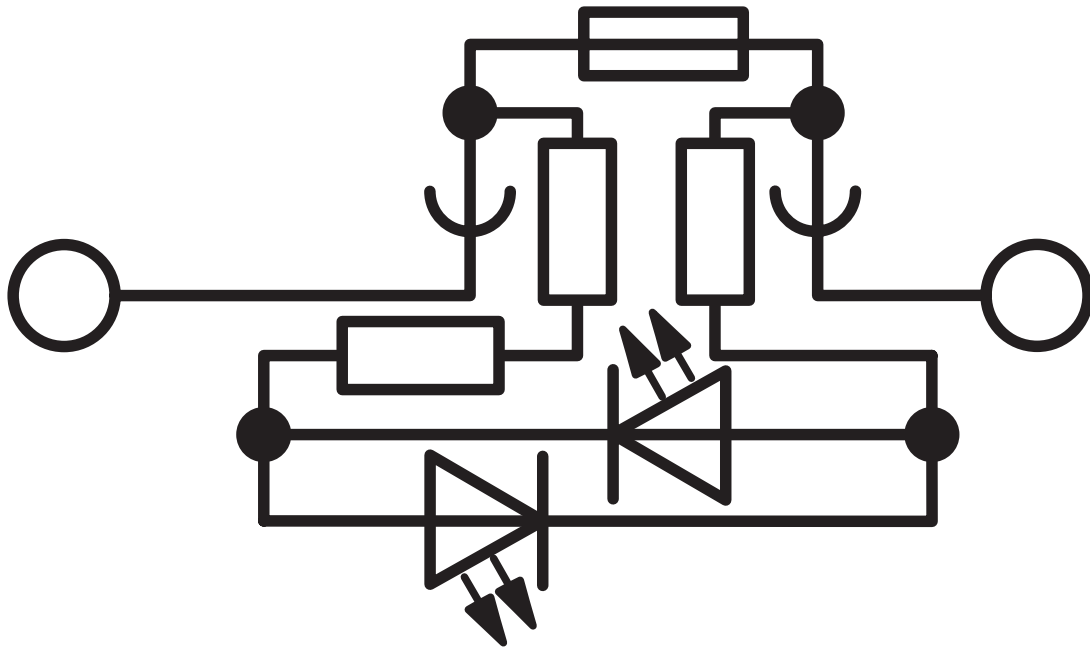
Connection in acc. with standard	IEC 60269-1 / -2
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Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32

Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/3211249>



EAC
Approval ID: RU C-DE.BL08.B.00534



UL Listed
Approval ID: FILE E 353282

	 CSA Approval ID: 225908			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	1000 V	30 A	6 - 4	-

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Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	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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