

UK 10,3 HESILED 1000V - Fuse holder



3211249

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Fuse holder, fuse type: Ceramic, 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, color: black

Your advantages

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

Commercial data

Item number	3211249
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE12
Product key	BE1234
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	Ceramic
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
Connection method	Screw connection
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 (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

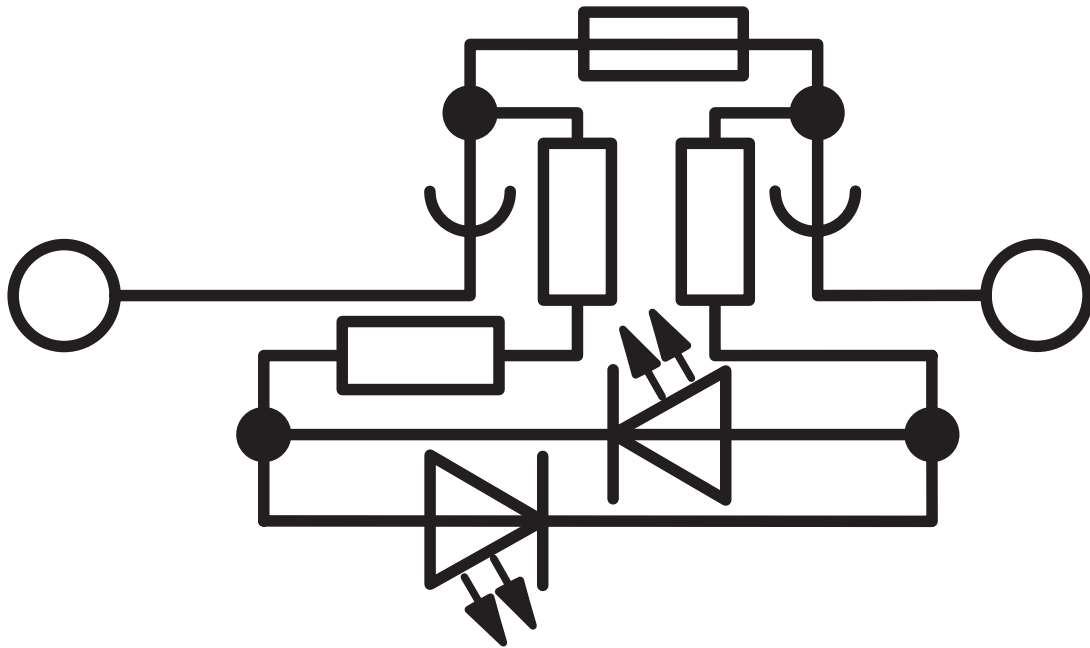
Connection in acc. with standard	IEC 60269-1 / -2
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Mounting

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

Drawings

Circuit diagram



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Approvals

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	CSA Approval ID: 225908			
		Nominal voltage U _N	Nominal current I _N	Cross section AWG
	keine			Cross section mm ²
		1000 V	30 A	6 - 4
				-

	UL Recognized Approval ID: E353282
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	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
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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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