UK 10,3-HESI A 1500V - Fuse modular terminal block

1069842

https://www.phoenixcontact.com/us/products/1069842

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: gG / gPV / 10.3 x 85, nom. voltage: 1500 V DC, nominal current: 32 A, number of positions: 1, connection method: Screw connection, cross section: 2.5 mm^2 - 25 mm^2, mounting type: NS 35/7,5, NS 35/15, color: black

Your advantages

- For 10 x 85 gPV fuse-links in accordance with IEC 60269-6
- Fuse holder for fusing PV strings 1500 V DC

Commercial data

Item number	1069842
Packing unit	12 pc
Minimum order quantity	12 pc
Sales key	BE12
Product key	BE1234
GTIN	4055626747903
Weight per piece (including packing)	84.25 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85354000
Country of origin	CN

Technical data

Notes

Order information:	Fuse-link not supplied as standard

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	Glass / ceramics / ...
Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	6 W
Fuse	gG / gPV / 10.3 x 85

Connection data

Number of connections per level	2
Connection method	Screw connection
Screw thread	M5
Tightening torque	2.5 Nm
Stripping length	14 mm
Internal cylindrical gage	A7
Connection in acc. with standard	IEC 60947-7-3
Conductor cross-section rigid	2.5 mm² ... 25 mm²
Cross section AWG	12 ... 4 (converted acc. to IEC)
Conductor cross-section flexible	2.5 mm² ... 25 mm²
Conductor cross-section, flexible [AWG]	12 ... 4 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	2.5 mm² ... 16 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	2.5 mm² ... 16 mm²
2 conductors with same cross section, rigid	0.75 mm² ... 10 mm²
2 conductors with same cross section, flexible	0.75 mm² ... 10 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm² ... 10 mm²
Nominal current	32 A (the current and voltage are determined by the fuse)
Maximum load current	32 A (the current and voltage are determined by the fuse)
Nominal voltage	1500 V DC

Dimensions

Width	23 mm
Height	130 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	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °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

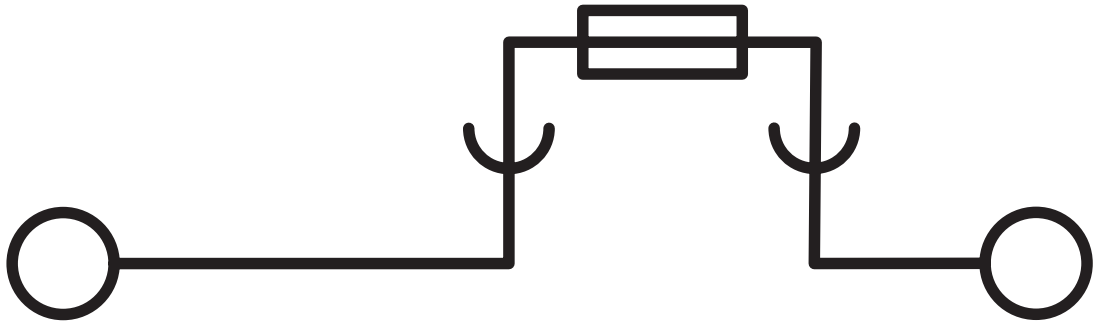
Connection in acc. with standard	IEC 60947-7-3

Mounting

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

Drawings

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1069842

UL Listed
Approval ID: FILE E 353282

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	1500 V	32 A	-	-

CSA
Approval ID: 274201

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	1500 V	32 A	-	-

TÜV Rheinland
Approval ID: R 50427401

Classifications

ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

ETIM

ETIM 10.0	EC000899

UNSPSC

UNSPSC 21.0	39121400

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%

EF3.1 Climate Change

CO2e kg	1.064 kg CO2e

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