

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



1069842

<https://www.phoenixcontact.com/sg/products/1069842>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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, Rated cross section: 16 mm², cross section: 2.5 mm²- 25 mm², 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	*****
Product key	BE1234
Catalog page	Page 504 (C-1-2019)
GTIN	4055626747903
Weight per piece (including packing)	84.325 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85354000
Country of origin	CN

1069842

<https://www.phoenixcontact.com/sg/products/1069842>

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	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
Nominal cross section	25 mm ²
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 mm ² ... 25 mm ²
Cross section AWG	12 ... 4 (converted acc. to IEC)
Conductor cross section flexible	2.5 mm ² ... 25 mm ²
Conductor cross section, flexible [AWG]	12 ... 4 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	2.5 mm ² ... 16 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	2.5 mm ² ... 16 mm ²
2 conductors with same cross section, solid	0.75 mm ² ... 10 mm ²
2 conductors with same cross section, flexible	0.75 mm ² ... 10 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.75 mm ² ... 10 mm ²
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
Nominal cross section	16 mm ²

Dimensions

Width	23 mm
Height	130 mm

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



1069842

<https://www.phoenixcontact.com/sg/products/1069842>

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

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

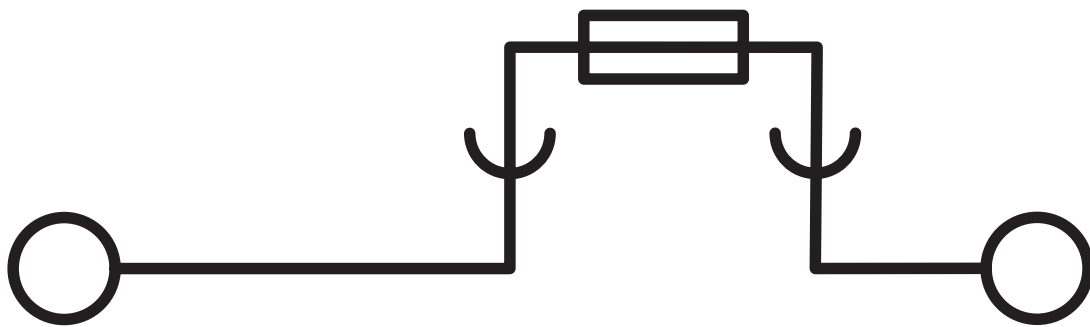


1069842

<https://www.phoenixcontact.com/sg/products/1069842>

Drawings

Circuit diagram



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



1069842

<https://www.phoenixcontact.com/sg/products/1069842>

Approvals

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



UL Listed

Approval ID: FILE E 353282

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



CSA

Approval ID: 274201

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



TÜV Rheinland

Approval ID: R 50427401

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



1069842

<https://www.phoenixcontact.com/sg/products/1069842>

Classifications

ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

ETIM

ETIM 9.0	EC000899
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



1069842

<https://www.phoenixcontact.com/sg/products/1069842>

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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.
105 Eunos Avenue 3, #04-00
Singapore 409836
+65 6228 4900
marketing@phoenixcontact.com.sg