UK 10-DREHSI-EX (5X20) - Fuse modular terminal block

3073953

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 5 x 20, nom. voltage: 500 V, nominal current: 10 A, connection method: Screw connection, Rated cross section: 1.5 mm^2, cross section: 0.5 mm^2- 16 mm^2, mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

Your advantages

- Fuse terminal block for explosion protection

Commercial data

Item number	3073953
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1235
GTIN	4046356343121
Weight per piece (including packing)	33.8 g
Weight per piece (excluding packing)	33.8 g
Customs tariff number	85369095
Country of origin	PL

Technical data

Notes

Order information:	Fuse-link not supplied as standard

Product properties

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

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	2.43 W
Fuse	G / 5 x 20

Connection data

Number of connections per level	2
Nominal cross section	16 mm²

Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M4
Tightening torque	1.5 ... 1.8 Nm
Stripping length	11 mm
Internal cylindrical gage	B6
Connection in acc. with standard	IEC 60947-7-3
Conductor cross-section rigid	0.5 mm² ... 16 mm²
Cross section AWG	20 ... 6 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm² ... 16 mm²
Conductor cross-section, flexible [AWG]	20 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² ... 10 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² ... 10 mm²
Cross-section with insertion bridge, rigid	10 mm²
Cross-section with insertion bridge, flexible	10 mm²
2 conductors with same cross section, rigid	0.5 mm² ... 4 mm²
2 conductors with same cross section, flexible	0.5 mm² ... 4 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm² ... 4 mm²
2 conductors with the same cross section, flexible, with TWIN	0.5 mm² ... 10 mm²

ferrule with plastic sleeve	
Nominal cross section	1.5 mm²
Nominal current	10 A
Maximum load current	10 A
Nominal voltage	500 V (As a fuse terminal block)
	800 V (As a disconnect terminal block)

Ex data

Rated data (ATEX/IECEx)

Identification	Ⓔx II 3 GD Ex ec IIC Gc
Operating temperature range	-50 °C ... 125 °C
Ex-certified accessories	1205066 SZS 1,0X4,0 VDE
	1201442 E/UK
Rated insulation voltage	250 V
output	(Permanent)

Ex level General

Rated voltage	275 V
Rated current	6.3 A
Maximum load current	6.3 A

Ex connection data General

Torque range	1.5 Nm ... 1.8 Nm
Nominal cross section	16 mm²
Rated cross section AWG	6
Connection capacity rigid	0.5 mm² ... 16 mm²
Connection capacity AWG	20 ... 6
Connection capacity flexible	0.5 mm² ... 16 mm²
Connection capacity AWG	20 ... 6
2 conductors with same cross section, solid	0.5 mm² ... 4 mm²
2 conductors with the same cross-section AWG rigid	20 ... 10
2 conductors with same cross section, stranded	0.5 mm² ... 4 mm²
2 conductors with the same cross-section AWG flexible	20 ... 10

Dimensions

Width	12 mm
Height	62 mm
Depth on NS 32	62.2 mm
Depth on NS 35/7,5	57.2 mm
Depth on NS 35/15	64.7 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V2
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

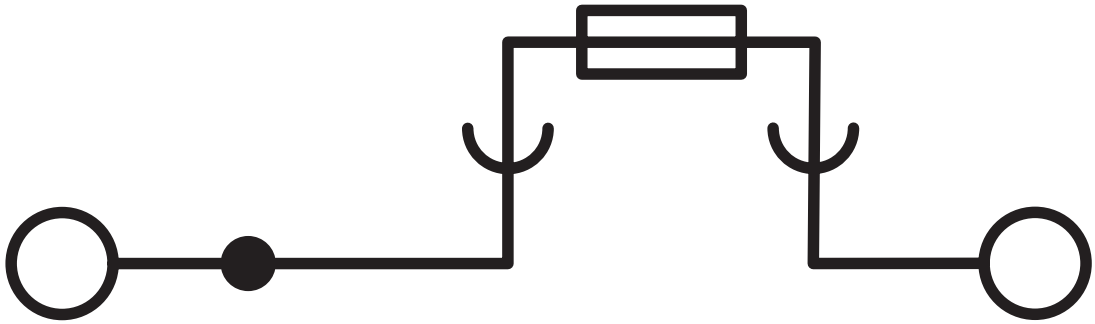
Connection in acc. with standard	IEC 60947-7-3

Mounting

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

Drawings

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3073953

ATEX
Approval ID: KEMA10ATEX0096U

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	250 V	6.3 A	-	0.5 - 16

IECEx
Approval ID: IECEx KEM10.0054U

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	250 V	6.3 A	-	0.5 - 16

CCC
Approval ID: 2020322313000632

UKCA-EX
Approval ID: DEKRA 22UKEX6025U

EAC Ex
Approval ID: KZ 7500525010101950

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	0.385 kg CO2e

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