

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



3073953
<https://www.phoenixcontact.com/us/products/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 mm², cross section: 0.5 mm²- 16 mm², 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

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Technical data

Product properties

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

Data management status

Article revision	08
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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 mm ²

Level 1 above 1 below 1

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 mm ² ... 16 mm ²
Cross section AWG	20 ... 6 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm ² ... 16 mm ²
Conductor cross section, flexible [AWG]	20 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 10 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm ² ... 10 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	0.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible	0.5 mm ² ... 4 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm ² ... 4 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ² ... 10 mm ²

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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)
Nominal cross section	1.5 mm ²

Ex data

Rated data (ATEX/IECEx)

Identification	⚡ II 3 G Ex ec IIC Gc
Operating temperature range	-50 °C ... 125 °C
Ex-certified accessories	1205066 SZS 1,0X4,0 VDE 1201442 E/UK
Rated voltage	275 V
Rated insulation voltage	250 V
output	(Permanent)

Ex level General

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 mm ²
Rated cross section AWG	6
Connection capacity rigid	0.5 mm ² ... 16 mm ²
Connection capacity AWG	20 ... 6
Connection capacity flexible	0.5 mm ² ... 16 mm ²
Connection capacity AWG	20 ... 6
2 conductors with same cross section, solid	0.5 mm ² ... 4 mm ²
2 conductors with the same cross-section AWG rigid	20 ... 10
2 conductors with same cross section, stranded	0.5 mm ² ... 4 mm ²
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

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Mechanical properties

Mechanical data

Open side panel	No
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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
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Mounting

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

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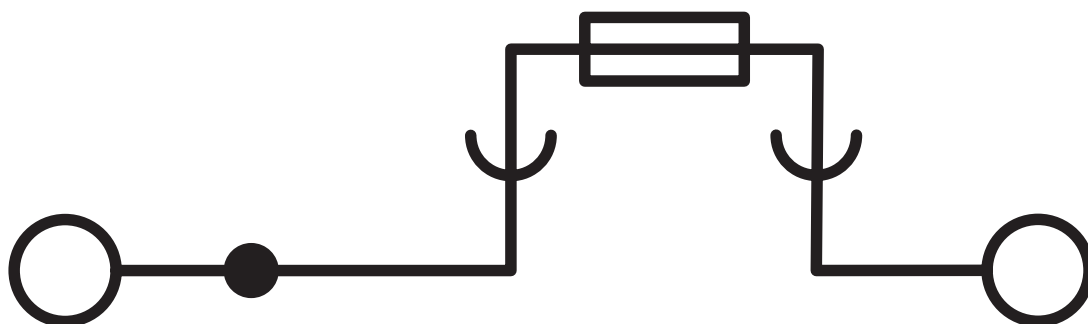


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Drawings

Circuit diagram



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Approvals

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



EAC

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



ATEX

Approval ID: KEMA10ATEX0096U

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



IECEx

Approval ID: IECExKEM10.0054U

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



CCC

Approval ID: 2020322313000632



UKCA-EX

Approval ID: DEKRA 22UKEX6025U

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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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