

# UK 10-DREHSILED 24 (6,3X32) - Fuse modular terminal block



3005646

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 6,3 x 32, nom. voltage: 400 V, nominal current: 10 A, connection method: Screw connection, cross section: 0.5 mm<sup>2</sup>- 16 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

## Your advantages

- Can be bridged with FBI ... fixed bridge

## Commercial data

Item number	3005646
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	0104*
Product key	BE1235
Catalog page	Page 497 (C-1-2019)
GTIN	4017918091231
Weight per piece (including packing)	34.89 g
Weight per piece (excluding packing)	34.89 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

### 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	1.82 W
Fuse	G / 6,3 x 32
LED voltage range	15 V AC/DC ... 30 V AC/DC
LED current range	1 mA ... 2.5 mA
Maximum power dissipation	max. 2.5 W (with single arrangement of the fuse terminal block in the event of overload) max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of overload) max. 4 W (with single arrangement of the fuse terminal block in the event of a short-circuit) max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit)

### Input data

LED voltage range	15 V AC/DC ... 30 V AC/DC
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### Connection data

Number of connections per level	2
Nominal cross section	10 mm <sup>2</sup>
Rated cross section AWG	6

### 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 <sup>2</sup> ... 16 mm <sup>2</sup>
Cross section AWG	20 ... 6 (converted acc. to IEC)
Conductor cross section flexible	0.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	20 ... 6 (converted acc. to IEC)

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Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Cross-section with insertion bridge, rigid	10 mm <sup>2</sup>
Cross-section with insertion bridge, flexible	10 mm <sup>2</sup>
2 conductors with same cross section, solid	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
2 conductors with same cross section, flexible	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Nominal current	10 A
Maximum load current	10 A
Nominal voltage	400 V
	800 V (As a disconnect terminal block)

## 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
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

## Mechanical properties

### Mechanical data

Open side panel	No
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## Environmental and real-life conditions

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## 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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## Approvals

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 <b>IECEE CB Scheme</b> Approval ID: NL-56826/A1				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
	800 V	-	-	0.5 - 16

 <b>KEMA-KEUR</b> Approval ID: 71-119846				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
	-	10 A	-	0.5 - 16

 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
Use group B	300 V	20 A	24 - 6	-
Use group C	300 V	20 A	24 - 6	-
Use group F	500 V	20 A	24 - 6	-

 <b>EAC</b> Approval ID: EACKZ 08593				
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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
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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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