

3046427

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 6,3 x 32, nom. voltage: 60 V, nominal current: 10 A, connection method: Screw connection, Rated cross section: $6~\text{mm}^2$, cross section: $0.2~\text{mm}^2$ - $10~\text{mm}^2$, mounting type: NS 35/7,5, NS 35/15, color: black

Your advantages

- · An extremely compact design
- · Test pick-off on both sides in the fuse lever
- · Tested for railway applications

Commercial data

Item number	3046427
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	BE1
Product key	BE1134
Catalog page	Page 173 (C-1-2019)
GTIN	4046356055826
Weight per piece (including packing)	25.28 g
Weight per piece (excluding packing)	25.28 g
Customs tariff number	85369085
Country of origin	PL



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Technical data

Notes

General	The current is determined by the fuse used, the voltage by the selected LED. If the fuse is faulty, the downstream circuit will not be disconnected.
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Product properties

Fuse terminal block
Railway industry
Machine building
Plant engineering
2
1
1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics /
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.31 W
Fuse	G / 6,3 x 32
LED voltage range	30 V AC/DC 60 V AC/DC
Maximum current with single arrangement	10 A
LED current range	0.4 mA 0.86 mA
Maximum power dissipation	max. 1.6 W (with single arrangement of the fuse terminal block in the event of overload)
	max. 1.6 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	30 V AC/DC 60 V AC/DC
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Connection data

Number of connections per level	2	
Nominal cross section	6 mm²	
Level 1 above 1 below 1		
Screw thread	M4	



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Tightening torque	1.5 1.8 Nm
Stripping length	10 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-3
Conductor cross section rigid	0.2 mm² 10 mm²
Cross section AWG	24 8 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² 10 mm²
Conductor cross section, flexible [AWG]	24 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² 6 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² 6 mm²
2 conductors with same cross section, solid	0.2 mm² 2.5 mm²
2 conductors with same cross section, flexible	0.2 mm² 2.5 mm²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm² 1.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² 4 mm²
Nominal current	10 A
Maximum load current	10 A (the current is determined by the fuse used)
Nominal voltage	60 V
Nominal cross section	6 mm²

Dimensions

Width	8.2 mm
Height	57.8 mm
Depth on NS 35/7,5	75.6 mm
Depth on NS 35/15	83.1 mm

Material specifications

Color	black
Flammability rating according to UL 94	V0
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))	125 °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)	27,5 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



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Mechanical properties

$NA \sim c$	han	ical	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	IFC 60947-7-3
Commodition in acc. With Standard	120 000 11 1 0

Mounting

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

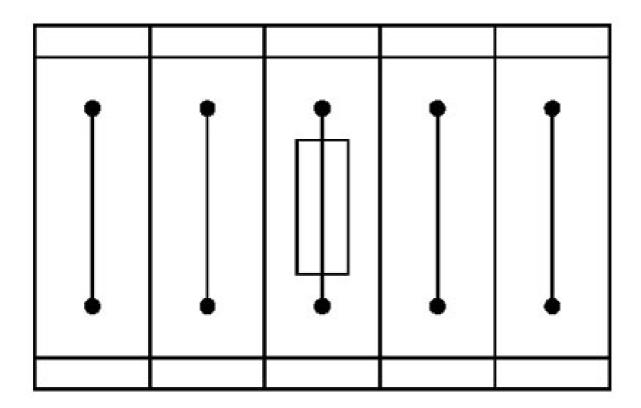


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Drawings

Application drawing



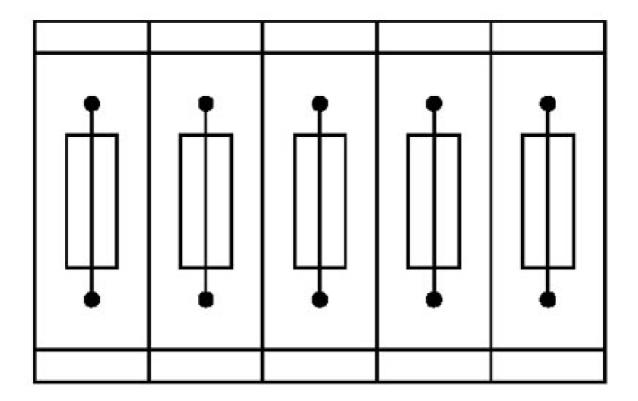
Fuse terminal block in single arrangement, block consisting of one fuse terminal block and 4 feed-through terminal blocks



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Application drawing



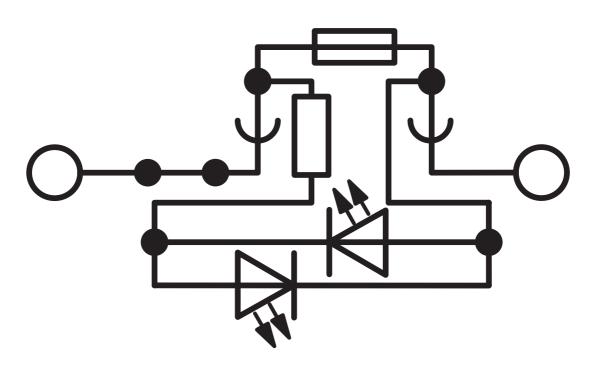
Fuse terminal blocks in interconnected arrangement, block consisting of 5 fuse terminal blocks



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Circuit diagram





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Approvals

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DNV

Approval ID: TAE00001S9

CSA Approval ID: 13631				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Use group B				
	600 V	10 A	24 - 8	-
Use group C				
	600 V	10 A	24 - 8	-

CB scheme	B IECEE CB Scheme Approval ID: NL-23159_A1				
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		60 V	10 A	-	-

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

CULus Recognized Approval ID: E60425				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
Use group B				
	600 V	10 A	24 - 8	-
Disconnect terminal block function	600 V	16 A	24 - 8	-
Use group C				
	600 V	10 A	24 - 8	-
Disconnect terminal block function	600 V	16 A	24 - 8	-

KEMA-KEUR Approval ID: 71-104946					
		Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
		60 V	10 A	-	-



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RS

Approval ID: 22.44.01.00083.250



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Classifications

UNSPSC 21.0

ECLASS

	ECLASS-11.0	27141116	
	ECLASS-12.0	27141116	
	ECLASS-13.0	27250113	
ET	ETIM		
	ETIM 9.0	EC000899	
UNSPSC			

39121400



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Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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