

3036563

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 5×20 , nom. voltage: 250 V, nominal current: 6.3 A, connection method: Spring-cage connection, 1 level, Rated cross section: 1 mm², cross section: 0.08 mm²- 6 mm², 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

Commercial data

Item number	3036563
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE02
Product key	BE2134
Catalog page	Page 231 (C-1-2019)
GTIN	4017918890490
Weight per piece (including packing)	14.991 g
Weight per piece (excluding packing)	14.991 g
Customs tariff number	85369095
Country of origin	TR



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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	1.02 W
Fuse	G / 5 x 20
LED voltage range	110 V AC/DC 250 V AC/DC
LED current range	0.41 mA 0.96 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	110 V AC/DC 250 V AC/DC
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Connection data

Number of connections per level	2
Nominal cross section	4 mm²

1 level

. 10 mm
947-7-3
m² 6 mm²
(converted acc. to IEC)
m² 4 mm²
2 (converted acc. to IEC)
m² 4 mm²
m² 4 mm²
² 1 mm²
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ferrule with plastic sleeve	
Nominal current	6.3 A
Maximum load current	6.3 A (the current is determined by the fuse used)
Nominal voltage	250 V
Nominal cross section	1 mm²

Dimensions

Width	6.2 mm
Height	61.5 mm
Depth on NS 35/7,5	62.5 mm
Depth on NS 35/15	70 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))	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

Electrical tests

Surge voltage test

Result	Test passed	
Temperature-rise test		
Requirement temperature-rise test	Increase in temperature ≤ 45 K	
Result	Test passed	
Result	Test passed	
Power-frequency withstand voltage		
Test voltage setpoint	1.89 kV	
Result	Test passed	

Mechanical properties

Mechanical data



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Open side panel	No
Mechanical tests	
Mechanical strength	
Result	Test passed
Attachment on the carrier	
Result	Test passed
Test for conductor damage and slackening	
Rotation speed	10 (+/- 2) rpm
Revolutions	135
Conductor cross section/weight	4 mm² / 0.9 kg
Result	Test passed
Environmental and real-life conditions	
Action	
Aging	192
Temperature cycles Result	Test passed
Result	rest passeu
Needle-flame test	
Time of exposure	30 s
Result	Test passed
Oscillation/broadband noise	
Spectrum	Service life test category 2, bogie-mounted
Frequency	5 - 250 Hz
ASD level	6.12 (m/s²)²/Hz
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed
Shocks	
Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed
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



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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	



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Classifications

ECLASS

	ECLASS-11.0	27141116
	ECLASS-12.0	27141116
	ECLASS-13.0	27250113
ETIM		
	ETIM 9.0	EC000899
UNSPSC		
	UNSPSC 21.0	39121400

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