

3004472

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 5 x 20, nom. voltage: 800 V, nominal current: 6.3 A, connection method: Screw connection, Rated cross section: 1 mm^2 , cross section: 0.2 mm^2 - 4 mm^2 , mounting type: NS 35/7,5, NS 35/15, NS 32, color: black

Commercial data

Item number	3004472
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1234
GTIN	4017918243456
Weight per piece (including packing)	18.75 g
Weight per piece (excluding packing)	18.75 g
Customs tariff number	85369095
Country of origin	TR



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Technical data

Notes

General	For terminal marking, please use marking material with 8.2 mm pitch.
General	For lever marking, please use marking material with 6.2 mm pitch.

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	8 kV
Maximum power dissipation for nominal condition	1.02 W
Fuse	G / 5 x 20

Connection data

Number of connections per level	2
Nominal cross section	4 mm²

Level 1 above 1 below 1

Screw thread	M3
Tightening torque	0.6 0.8 Nm
Stripping length	8 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-3
Conductor cross section rigid	0.2 mm² 4 mm²
Cross section AWG	24 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² 4 mm²
Conductor cross section, flexible [AWG]	24 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² 4 mm²
Cross-section with insertion bridge, rigid	4 mm²
Cross-section with insertion bridge, flexible	4 mm²
2 conductors with same cross section, solid	0.2 mm² 1.5 mm²
2 conductors with same cross section, flexible	0.2 mm² 1.5 mm²
2 conductors with same cross section, flexible, with ferrule	0.25 mm² 1.5 mm²



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) conductors with the come group poetion flexible with TMM	0.5 mm ² 1.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	U.5 mm² 1.5 mm²
Nominal current	6.3 A
Maximum load current	6.3 A
Nominal voltage	800 V (As a fuse terminal block)
Nominal cross section	1 mm²
Connection in acc. with standard	IEC 60947-7-3
Conductor cross section rigid	0.2 mm² 4 mm²
Cross section AWG	24 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² 4 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² 4 mm²
Cross-section with insertion bridge, rigid	4 mm²
Cross-section with insertion bridge, flexible	4 mm²
2 conductors with same cross section, solid	0.2 mm² 1.5 mm²
2 conductors with same cross section, flexible	0.2 mm ² 1.5 mm ²
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 1.5 mm²
Nominal current	6.3 A
Maximum load current	6.3 A
Nominal voltage	800 V (As a disconnect terminal block)
Nominal cross section	1 mm²

Dimensions

Width	8.2 mm
Height	72.5 mm
Depth on NS 32	61.5 mm
Depth on NS 35/7,5	56.5 mm
Depth on NS 35/15	64 mm

Material specifications

Color	black
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Mechanical properties

Mechanical data

Open side panel	No



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Environmental and real-life conditions

for max. short-term operating temperature, see RTI Elec.)	Specification	DIN EN 50155 (VDE 0115-200):2008-03
ASD level 1.857 (m/s²)º/Hz Acceleration 0.8g Test duration per axis 5 h Test directions X., Y- and Z-axis Result Test passed Ocks Specification DIN EN 50155 (VDE 0115-200):2008-03 Pulse shape Half-sine Acceleration 5g Shock duration 30 ms Number of shocks per direction 3 ms Test directions X., Y- and Z-axis (pos. and neg.) Test passed Ambient conditions Ambient temperature (operation) for max. short-term operating temperature, see RTI Elec.) Ambient temperature (storage/transport) -5 °C 70 °C Ambient temperature (acutation) -5 °C 70 °C Ambient temperature (acutation) -5 °C 70 °C Permissible humidity (operation) 20 % 90 % Permissible humidity (storage/transport) 30 % 70 % Connection in acc. with standard EC 60947-7-3 Inting Mounting type NS 357.5	Spectrum	Service life test category 1, class B, body mounted
Acceleration 0.8g Test duration per axis 5 h Test directions X., Y- and Z-axis Result Test passed tocks Test passed tocks Test passed Pulse shape Half-sine Acceleration 5g Shock duration 30 ms Number of shocks per direction 3 Test directions X., Y- and Z-axis (pos. and neg.) Result Test passed nbient conditions Test passed 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 °C Ambient temperature (assembly) -5 °C 70 °C Ambient temperature (actuation) -5 °C 70 °C Permissible humidity (storage/transport) 30 % 90 % Permissible humidity (storage/transport) 30 % 70 % Adards and regulations IEC 60947-7-3 Connection in acc. with standard IEC 60947-7-3 inting	Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz
Test duration per axis Test directions X-, Y- and Z-axis Result Test passed DIN EN 50155 (VDE 0115-200):2008-03 Pulse shape Half-sine Acceleration 5g Shock duration 30 ms Number of shocks per direction Test directions X-, Y- and Z-axis (pos. and neg.) Test directions Result Test passed Test passed Test passed Test passed Test passed 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) Ambient temperature (assembly) -5 °C 70 °C Ambient temperature (actuation) Permissible humidity (operation) and and regulations Connection in acc. with standard IEC 60947-7-3 Inting Mounting type NS 35/7,5	ASD level	1.857 (m/s²)²/Hz
Test directions X. Y- and Z-axis Result Test passed DIN EN 50155 (VDE 0115-200):2008-03 Pulse shape Acceleration Specification DIN EN 50155 (VDE 0115-200):2008-03 Half-sine Acceleration 5g Shock duration 30 ms Number of shocks per direction 3 Test directions X. Y- and Z-axis (pos. and neg.) Test passed Test pas	Acceleration	0.8g
Result Test passed Tocks Specification DIN EN 50155 (VDE 0115-200):2008-03 Pulse shape Acceleration 5g Shock duration 30 ms Number of shocks per direction 3 Test directions Result Test passed Test passed Test passed Ambient temperature (operation) Ambient temperature (storage/transport) -25 °C 10 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) Ambient temperature (actuation) Ambient temperature (actuation) -5 °C 70 °C Ambient temperature (actuation) Permissible humidity (operation) adards and regulations Connection in acc. with standard IEC 60947-7-3 inting Mounting type NS 35/7,5	Test duration per axis	5 h
Specification DIN EN 50155 (VDE 0115-200):2008-03 Pulse shape Half-sine Acceleration 5g Shock duration 30 ms Number of shocks per direction 3 ms Number of shocks per direction 30 ms Result Test passed Test passed Ambient temperature (operation) -60 °C 110 °C (Operating temperature range incl. self-heating for max. short-term operating temperature, see RTI Elec.) 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 % Idards and regulations Connection in acc. with standard IEC 60947-7-3 IEC 60947-7-3 Inting Mounting type NS 35/7,5	Test directions	X-, Y- and Z-axis
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Acceleration 5g Shock duration 30 ms Number of shocks per direction 3 Test directions X-, Y- and Z-axis (pos. and neg.) Result Test passed 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 Ambient temperature (actuation) -5 °C 70 °C Permissible humidity (operation) 20 % 90 % Permissible humidity (storage/transport) 30 % 70 % IEC 60947-7-3 IEC 60947-7-3 Inting Mounting type NS 35/7,5	Specification	DIN EN 50155 (VDE 0115-200):2008-03
Shock duration Number of shocks per direction Test directions X-, Y- and Z-axis (pos. and neg.) Test passed Test passed Ambient conditions Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (assembly) Ambient temperature (assembly) Ambient temperature (assembly) -5 °C 70 °C Ambient temperature (actuation) -5 °C 70 °C Permissible humidity (operation) Permissible humidity (storage/transport) Test passed -60 °C 110 °C (Operating temperature range incl. self-heating for max. short-term operating temperature, see RTI Elec.) -25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) -70 °C	Pulse shape	Half-sine
Number of shocks per direction Test directions X-, Y- and Z-axis (pos. and neg.) Test passed Test passed Ambient conditions Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (storage/transport) Ambient temperature (assembly) Ambient temperature (assembly) -5 °C 70 °C Ambient temperature (actuation) -5 °C 70 °C Permissible humidity (operation) 20 % 90 % Permissible humidity (storage/transport) and and regulations Connection in acc. with standard IEC 60947-7-3 IEC 60947-7-3 Inting Mounting type NS 35/7,5	Acceleration	5g
Test directions Result Test passed Test passed Ambient conditions Ambient temperature (operation) Ambient temperature (storage/transport) Ambient temperature (storage/transport) Ambient temperature (assembly) -5°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) Permissible humidity (storage/transport) adards and regulations Connection in acc. with standard IEC 60947-7-3 IEC 60947-7-3 IEC 60947-7-3 Inting Mounting type NS 35/7,5	Shock duration	30 ms
Result Test passed Test passe	Number of shocks per direction	3
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) and and and regulations Connection in acc. with standard IEC 60947-7-3 IEC 60947-7-3 IEC 60947-7-3 IEC 60947-7-3 IEC 60947-7-3	Test directions	X-, Y- and Z-axis (pos. and neg.)
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+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 % IEC 60947-7-3 IEC 60947-7-3 Inting Mounting type NS 35/7,5	Ambient temperature (operation)	-60 °C 110 °C (Operating temperature range incl. self-heatin for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (actuation) -5 °C 70 °C Permissible humidity (operation) 20 % 90 % Permissible humidity (storage/transport) 30 % 70 % IEC 60947-7-3 IEC 60947-7-3 Inting Mounting type NS 35/7,5	Ambient temperature (storage/transport)	-25 °C 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Permissible humidity (operation) Permissible humidity (storage/transport) and and regulations Connection in acc. with standard IEC 60947-7-3 IEC 60947-7-3 Inting Mounting type NS 35/7,5	Ambient temperature (assembly)	-5 °C 70 °C
Permissible humidity (storage/transport) 30 % 70 % Idards and regulations Connection in acc. with standard IEC 60947-7-3 IEC 60947-7-3 Inting Mounting type NS 35/7,5	Ambient temperature (actuation)	-5 °C 70 °C
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IEC 60947-7-3 IEC 60947-	Permissible humidity (storage/transport)	30 % 70 %
IEC 60947-7-3 Inting Mounting type NS 35/7,5	ndards and regulations	
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Mounting type NS 35/7,5		IEC 60947-7-3
	ınting	
NS 35/15		NS 35/7,5
		NS 35/15

NS 32



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Classifications

UNSPSC 21.0

ECLASS

202.00			
	ECLASS-11.0	27141116	
	ECLASS-12.0	27141116	
	ECLASS-13.0	27250113	
ETIM			
	ETIM 9.0	EC000899	
UNSPSC			

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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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