

Fuse modular terminal block - UT 4-HESILA 250 (5X20) - 3046100

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Lever-type fuse terminal block, black, for 5 x 20 mm G fuse inserts, with LED for 250 V AC

Your advantages

- An extremely compact design
- Test connection on both sides in safety lever
- Tested for railway applications

Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918960957

Technical data

General

Note	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.
Number of levels	1
Number of connections	2
Nominal cross section	4 mm ²
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry Machine building Plant engineering
Maximum power dissipation for nominal condition	1.6 W
Fuse	G / 5 x 20

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General

Fuse type	Glass / ceramics / ...
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
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)
LED voltage range	110 V AC/DC ... 250 V AC/DC
LED current range	0.41 mA ... 0.96 mA
Connection in acc. with standard	IEC 60947-7-3
Maximum load current	6.3 A (the current is determined by the fuse used)
Nominal current I_N	6.3 A
Nominal voltage U_N	250 V
Open side panel	No
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
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
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
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

Dimensions

Width	6.2 mm
Length	57.8 mm
Height NS 35/7,5	73 mm
Height NS 35/15	80.5 mm

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Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	6 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm ²
Connection method	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-3
Flammability rating according to UL 94	V0
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
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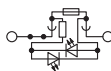
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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Drawings

Circuit diagram



Approvals

Approvals

Approvals

DNV GL / CSA / LR / UL Recognized / KEMA-KEUR / cUL Recognized / IECCE CB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

Approval details

DNV GL		http://exchange.dnv.com/tari/	TAE00001S9
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CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	250 V	250 V	
Nominal current IN	6.3 A	6.3 A	
mm ² /AWG/kcmil	26-10	26-10	

LR		http://www.lr.org/en	05/20042
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	6.3 A	6.3 A	
mm ² /AWG/kcmil	26-10	26-10	

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KEMA-KEUR		http://www.dekra-certification.com	71-104946
Nominal voltage UN		250 V	
Nominal current IN		6.3 A	
mm ² /AWG/kcmil		0.14-4	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	6.3 A	6.3 A	
mm ² /AWG/kcmil	26-10	26-10	

IECEE CB Scheme		http://www.iecee.org/	NL-23158
Nominal voltage UN		250 V	
Nominal current IN		6.3 A	
mm ² /AWG/kcmil		0.14-4	

EAC		EAC-Zulassung
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EAC		RU C- DE.A*30.B.01742
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cULus Recognized	
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PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>