

Fuse modular terminal block - UT 4-PE/L/HESILED 250 (5X20) - 3214323


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Fuse modular terminal block, fuse type: Glass / ceramics / ..., connection method: Screw connection, cross section: 0.14 mm²- 6 mm², AWG: 26 - 10, nominal current: 28 A, nom. voltage: 500 V, width: 6.2 mm, fuse type: G / 5 x 20, mounting type: NS 35/7,5, NS 35/15, color: black



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 895156
GTIN	4046356895156

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	3
Number of connections	5
Nominal cross section	4 mm ²
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum power dissipation for nominal condition	1.6 W (the value is multiplied when connecting multiple levels)
Fuse	G / 5 x 20
Fuse type	Glass / ceramics / ...
Rated surge voltage	6 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)

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	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 ... 250 V AC
LED current range	0.41 mA ... 0.96 mA
Connection in acc. with standard	IEC 60947-7-2/IEC 60947-7-3
Maximum load current	36 A (the current is determined by the fuse used)
Nominal current I_N	28 A
Nominal voltage U_N	500 V
Connection in acc. with standard	IEC 60947-7-2/IEC 60947-7-3
Maximum load current (upper level)	6.3 A (the current is determined by the fuse used)
Nominal current I_N (upper level)	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))	130 °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)	28 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	92.7 mm
Height NS 35/7,5	88.9 mm
Height NS 35/15	96.4 mm

Connection data

Note	Please observe the current carrying capacity of the DIN rails.
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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
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

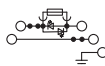
Connection in acc. with standard	IEC 60947-7-2/IEC 60947-7-3
	IEC 60947-7-2/IEC 60947-7-3
Flammability rating according to UL 94	V0
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3 HL 1 - HL 3

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"

Drawings

Circuit diagram



Approvals

Approvals

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Approvals


Approvals


UL Recognized / cUL Recognized / CSA / EAC / cULus Recognized


Ex Approvals

IECEx / UL Recognized / cUL Recognized / ATEX / cULus Recognized

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	D	B	C
Nominal voltage UN	300 V	300 V	
Nominal current IN	16 A	16 A	
mm ² /AWG/kcmil	26-10	26-10	26-10

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	D	B	C
Nominal voltage UN	300 V	300 V	
Nominal current IN	16 A	16 A	
mm ² /AWG/kcmil	26-10	26-10	26-10

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	300 V	300 V	
Nominal current IN	16 A	16 A	
mm ² /AWG/kcmil	26-10	26-10	

EAC		RU C- DE.A*30.B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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