Fuse modular terminal block - PT 4-HESI (5X20) - 3211861

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Fuse modular terminal block, fuse type: Glass / ceramics / ..., number of positions: 1, connection method: Push-in connection, cross section: 0.2 mm² - 6 mm², AWG: 24 - 10, nominal current: 6.3 A, nom. voltage: 400 V, width: 6.2 mm, fuse type: G / 5 x 20, mounting type: NS 35/7,5, NS 35/15, color: black

Your advantages

- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection
- The compact design and front connection enable wiring in a confined space
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- Tested for railway applications

RoHS COMPLETE line

Key Commercial Data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	4 046356 482516
GTIN	4046356482516
Weight per Piece (excluding packing)	12.127 g
Custom tariff number	85369095
Country of origin	Poland
Sales Key	BE2234

Technical data

General

Note	The current is determined by the fuse used, the voltage by the light indicator.
Number of levels	1
Number of connections	2
Nominal cross section	4 mm²
Color	black
Insulating material	PA

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Technical data

General

Flammability rating according to UL 94	V0
Area of application	Railway industry
	Machine building
	Plant engineering
Maximum power dissipation for nominal condition	1.02 W
Fuse	G / 5 x 20
Fuse type	Glass / ceramics / ...
Rated surge voltage	6 kV
Rated operating voltage	250 V
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)
Connection in acc. with standard	IEC 60947-7-3
Maximum load current	6.3 A (with 6 mm² conductor cross section, rigid)
Nominal current I_N	6.3 A (the current is determined by the fuse used)
Nominal voltage U_N	400 V
Open side panel	Yes
Number of positions	1
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Oscillation, broadband noise test result	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2018-05
Test spectrum	Service life test category 2, bogie-mounted
Test frequency	f_1 = 5 Hz to f_2 = 250 Hz
ASD level	6.12 $(m/s^2)^2$/Hz
Acceleration	3.12 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2018-05
Shock form	Half-sine
Acceleration	30g
Shock duration	18 ms

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General

Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
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
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	56 mm
Height NS 35/7,5	64.8 mm
Height NS 35/15	72.3 mm

Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum	0.5 mm²
Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum	1 mm²

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Connection data

Connection method	Push-in connection
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A4

Standards and Regulations

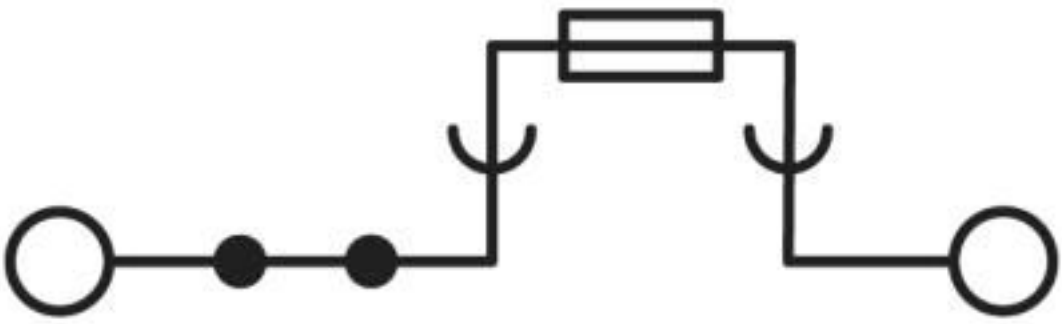
Connection in acc. with standard	CSA
	IEC 60947-7-3
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27141116
eCl@ss 11.0	27141116
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141116
eCl@ss 8.0	27141116
eCl@ss 9.0	27141116

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000899

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Classifications

ETIM

ETIM 4.0	EC000899
ETIM 5.0	EC000899
ETIM 6.0	EC000899
ETIM 7.0	EC000899

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals

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DNV GL / CSA / PRS / LR / NK / EAC / EAC / EAC / UL Recognized / cUL Recognized / EAC / IECEE CB Scheme / cULus Recognized

Ex Approvals

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE000010T

CSA		http://www.csagroup.org/services-industries/product-listing/	13631

	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	6.3 A	6.3 A
mm²/AWG/kcmil	24-10	24-10

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Approvals

PRS		http://www.prs.pl/	TE/2107/880590/16
LR		http://www.lr.org/en	12/20038 (E3)
NK		http://www.classnk.or.jp/hp/en/	14ME0912
EAC			EAC-Zulassung
EAC			RU C-DE.A*30.B.01742
EAC			RU C-DE.AI30.B.01102

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	6.3 A	6.3 A
mm²/AWG/kcmil	24-10	24-10

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B	C
Nominal voltage UN	300 V	300 V
Nominal current IN	6.3 A	6.3 A
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EAC		RU C-DE.BL08.B.00644
IECEE CB Scheme	http://www.iecee.org/	NL-61565
cULus Recognized		

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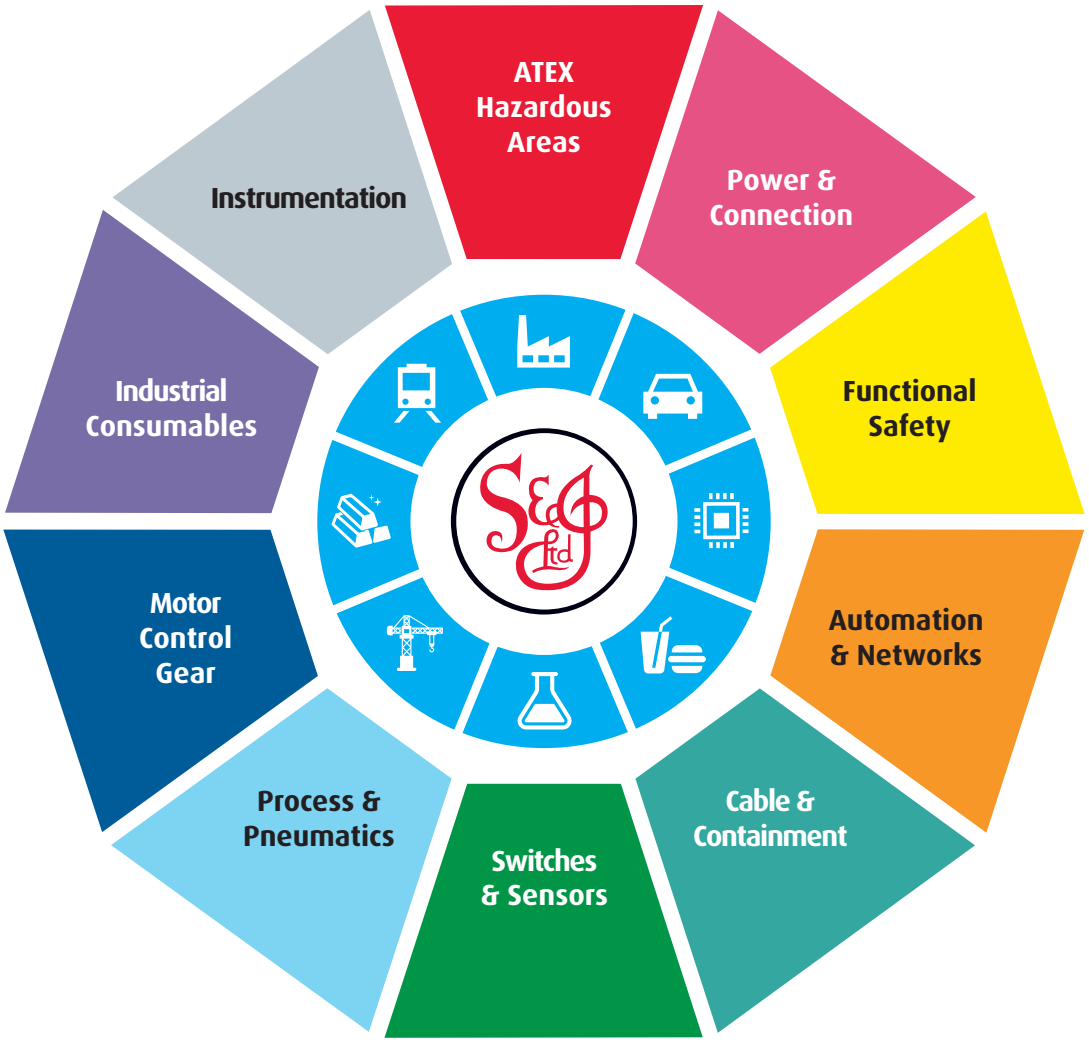

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