Fuse modular terminal block - UT 4-HESI (5X20) - 3046032

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Fuse modular terminal block, Connection method: Screw connection, Cross section: 0.14 mm² - 6 mm², AWG: 26 - 10, Nominal current: 6.3 A, Nominal voltage: 500 V, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass, Mounting type: NS 35/7,5, NS 35/15, Color: black

Product Features

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

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	17.496 g
Custom tariff number	85369085
Country of origin	Germany

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm²
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering
Fuse	G / 5 x 20
Fuse type	Glass

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Technical data

General

Rated surge voltage	6 kV
Pollution degree	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)
Connection in acc. with standard	IEC 60947-7-3
Maximum load current	10 A (the current is determined by the fuse used)
Nominal current I_N	6.3 A
Nominal voltage U_N	500 V (As a fuse terminal block)
Open side panel	nein
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	f_1 = 5 Hz to f_2 = 150 Hz
ASD level	1.857 $(m/s^2)^2/Hz$
Acceleration	0.8g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Semi-sinusoidal
Acceleration	5 g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C

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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Technical data

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	6 mm²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	6 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm²
2 conductors with same cross section, solid min.	0.14 mm²
2 conductors with same cross section, solid max.	1.5 mm²
2 conductors with same cross section, stranded min.	0.14 mm²
2 conductors with same cross section, stranded max.	1.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.14 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	2.5 mm²
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

Classifications

eCl@ss

eCl@ss 4.0	27141116
eCl@ss 4.1	27141116
eCl@ss 5.0	27141116
eCl@ss 5.1	27141116
eCl@ss 6.0	27141116
eCl@ss 7.0	27141116

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Classifications

eCl@ss

eCl@ss 8.0	27141116

ETIM

ETIM 2.0	EC000897
ETIM 3.0	EC000899
ETIM 4.0	EC000899
ETIM 5.0	EC000899

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / LR / GL / RS / IECEE CB Scheme / VDE Zeichengenehmigung / DNV / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

CSA

	B	C
mm²/AWG/kcmil	26-10	26-10
Nominal current IN	6.3 A	6.3 A
Nominal voltage UN	600 V	600 V

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Approvals

UL Recognized

	B	C
mm²/AWG/kcmil	26-10	26-10
Nominal current IN	6.3 A	6.3 A
Nominal voltage UN	600 V	600 V

KEMA-KEUR

mm²/AWG/kcmil	0.14-4
Nominal current IN	6.3 A
Nominal voltage UN	250 V

cUL Recognized

	B	C
mm²/AWG/kcmil	26-10	26-10
Nominal current IN	6.3 A	6.3 A
Nominal voltage UN	600 V	600 V

LR

GL

RS

IECEE CB Scheme

mm²/AWG/kcmil	0.14-4
Nominal current IN	6.3 A
Nominal voltage UN	250 V

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Approvals

VDE Zeichengenehmigung

mm²/AWG/kcmil	4
Nominal voltage UN	250 V

DNV

IECEE CB Scheme

mm²/AWG/kcmil	4
Nominal voltage UN	250 V

EAC

cULus Recognized

Drawings

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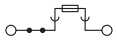
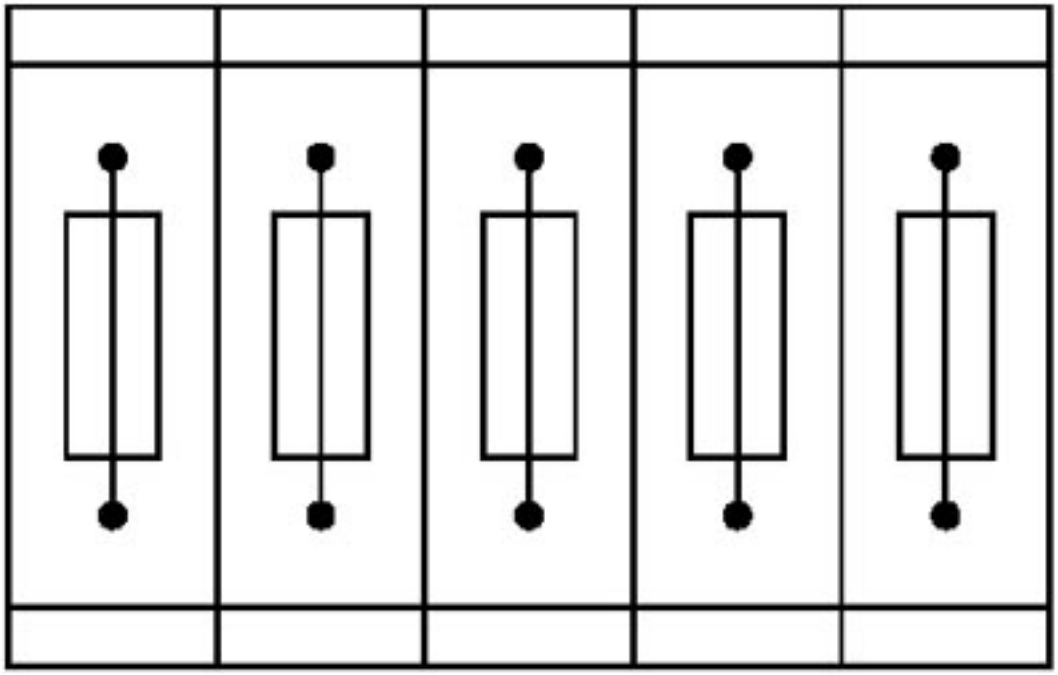
Circuit diagram



Application drawing



Fuse terminal blocks in interconnected arrangement, block consisting of 5 fuse terminal blocks

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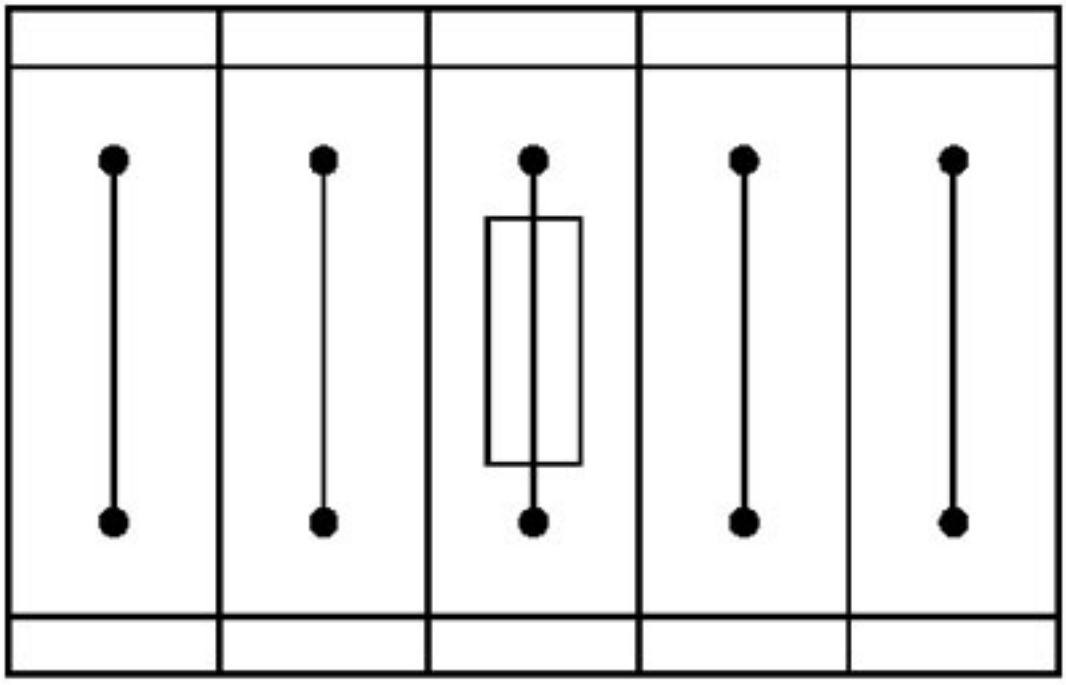
Application drawing



Fuse terminal block in single arrangement,
block consisting of one fuse terminal block and 4 feed-through terminal blocks