Fuse modular terminal block - UT 4-L/HESI (5X20) - 3214325

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Fuse modular terminal block, Connection method: Screw connection, Cross section: 0.14 mm² - 6 mm², AWG: 26 - 10, Nominal current: 28 A, Nominal voltage: 500 V, Width: 6.2 mm, Fuse type: G / 5 x 20, Fuse type: Glass / ceramics / ..., Mounting type: NS 35/7,5, NS 35/15, Color: black

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	32.8 g
Custom tariff number	85369085
Country of origin	Poland

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	2
Number of connections	4
Nominal cross section	4 mm²
Color	black
Insulating material	PA
Flammability rating according to UL 94	V0
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

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General

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 60947-7-2/IEC 60947-7-3
Maximum load current	36 A (with 6 mm² conductor cross section)
Nominal current I_N	28 A (with 4 mm² conductor cross section)
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	500 V (the voltage is determined by the fuse used)
Open side panel	No
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Result of surge voltage test	Test passed
Surge voltage test setpoint	7.3 kV
Result of power-frequency withstand voltage test	Test passed
Power frequency withstand voltage setpoint	1.89 kV
Result of the test for mechanical stability of terminal points (5 x conductor connection)	Test passed
Result of bending test	Test passed
Bending test rotation speed	10 rpm
Bending test turns	135
Bending test conductor cross section/weight	0.14 mm² / 0.2 kg
	4 mm² / 0.9 kg
	6 mm^2 / 1.4 kg
Tensile test result	Test passed
Conductor cross section tensile test	0.14 mm²
Tractive force setpoint	10 N
Conductor cross section tensile test	4 mm²
Tractive force setpoint	60 N
Conductor cross section tensile test	6 mm²
Tractive force setpoint	80 N
Oscillation, broadband noise test result	Test passed
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

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ASD level	0.964 $(m/s^2)^2$/Hz
Acceleration	0.58 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):2008-03
Shock form	Half-sine
Acceleration	5 g
Shock duration	30 ms
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

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

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

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Connection data

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.	1.5 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

Standards and Regulations

Connection in acc. with standard	CUL
	IEC 60947-7-2/IEC 60947-7-3
	IEC 60947-7-2/IEC 60947-7-3
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 5.1	27141141
eCl@ss 6.0	27141116
eCl@ss 8.0	27141116

ETIM

ETIM 4.0	EC000901
ETIM 5.0	EC000901

Approvals

Approvals

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UL Recognized / cUL Recognized / CSA / cULus Recognized

Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized

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Approvals

Approvals submitted

Approval details

UL Recognized

	B	C
mm²/AWG/kcmil	26-10	26-10
Nominal current IN	16 A	16 A
Nominal voltage UN	300 V	300 V

cUL Recognized

	B	C
mm²/AWG/kcmil	26-10	26-10
Nominal current IN	16 A	16 A
Nominal voltage UN	300 V	300 V

CSA

	B	C
mm²/AWG/kcmil	26-10	26-10
Nominal current IN	16 A	16 A
Nominal voltage UN	300 V	300 V

cULus Recognized

Drawings

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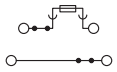
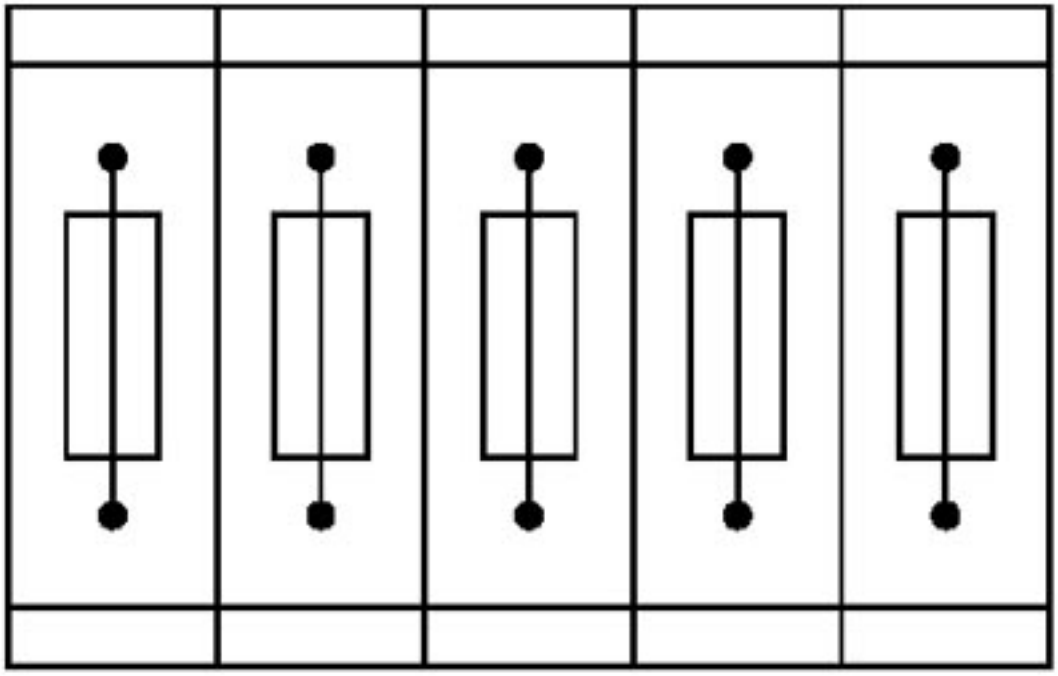
Circuit diagram



Application drawing



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

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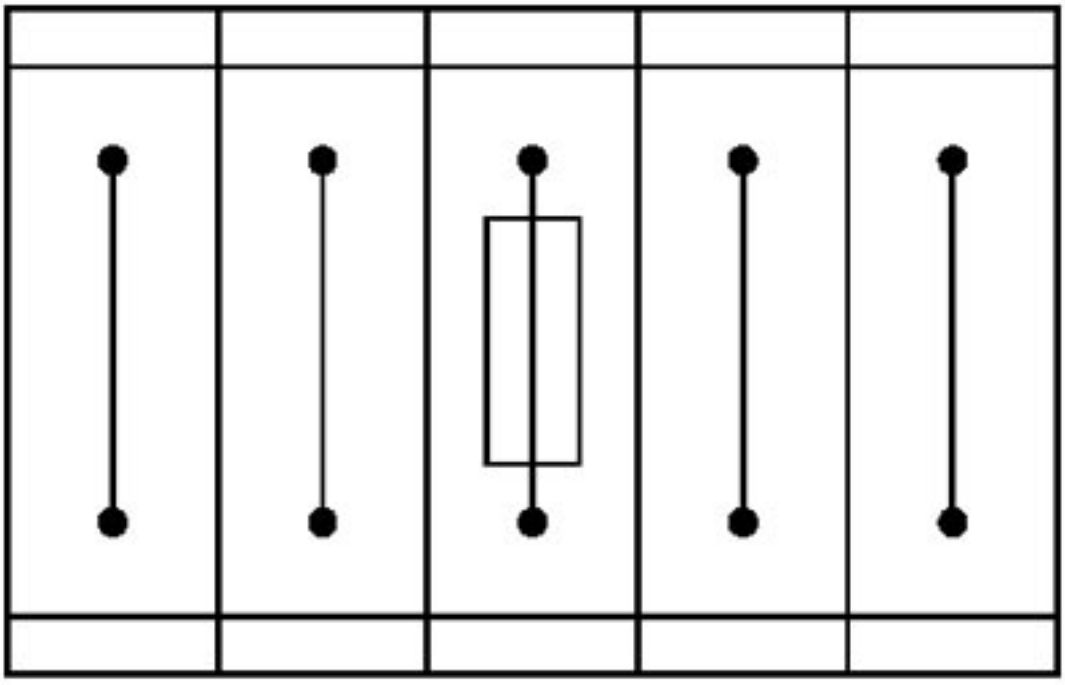
Application drawing



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