

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, Mounting type: NS 35/7,5, NS 35/15, Color: black

Product Features



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 32.8 GRM |
| 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 |
| Color | black |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Fuse | G / 5 x 20 |
| Fuse type | Glass |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |

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Technical data

General

| | |
|---|--|
| 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 60947-7-2/IEC 60947-7-3 |
| Current | 36 A |
| Additional text | with 6 mm ² conductor cross section |
| Nominal current I _N | 28 A (with 4 mm ² conductor cross section) |
| Nominal voltage U _N | 500 V |
| Maximum load current (upper level) | 6.3 A |
| Additional text | the current is determined by the fuse used |
| Connection in acc. with standard | IEC 60947-7-2/IEC 60947-7-3 |
| 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 | nein |
| Shock protection test specification | DIN EN 50274 (VDE 0660-514):2002-11 |
| Back of the hand protection | guaranteed |
| Finger protection | guaranteed |
| Surge voltage test setpoint | 7.3 kV |
| Result of surge voltage test | Test passed |
| Power frequency withstand voltage setpoint | 1.89 kV |
| Result of power-frequency withstand voltage test | Test passed |
| Checking the mechanical stability of terminal points (5 x conductor connection) | Test passed |
| Bending test rotation speed | 10 rpm |
| Bending test turns | 135 |
| Bending test conductor cross section/weight | 0.14 mm ² / 0.2 kg |
| | 4 mm ² / 0.9 kg |
| | 6 mm ² / 1.4 kg |
| Result of bending test | Test passed |
| Conductor cross section tensile test | 0.14 mm ² |
| Tractive force setpoint | 10 N |
| Conductor cross section tensile test | 4 mm ² |
| Tractive force setpoint | 60 N |
| Conductor cross section tensile test | 6 mm ² |
| Tractive force setpoint | 80 N |
| Tensile test result | Test passed |
| Test specification, oscillation, broadband noise | DIN EN 50155 (VDE 0115-200):2008-03 |

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General

| | |
|---|---|
| Test spectrum | Service life test category 1, class B, body mounted |
| Test frequency | $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$ |
| ASD level | $0.964 \text{ (m/s}^2\text{)}^2\text{/Hz}$ |
| Acceleration | 0.58 g |
| 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 | 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.) |
| 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 | 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 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/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section stranded, 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 |

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Technical data

Connection data

| | |
|---|----------------------|
| 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. | 1.5 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 |

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 / cULus Recognized

Ex Approvals


UL Recognized / cUL Recognized / cULus Recognized


Approvals submitted

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Approvals

Approval details

| | | | |
|---|-------|-------|---|
| UL Recognized  | | | |
| | | B | C |
| mm ² /AWG/kcmil | 26-10 | 26-10 | |
| Nominal current I _N | 16 A | 16 A | |
| Nominal voltage U _N | 300 V | 300 V | |

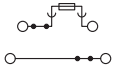
| | | | |
|--|-------|-------|---|
| cUL Recognized  | | | |
| | | B | C |
| mm ² /AWG/kcmil | 26-10 | 26-10 | |
| Nominal current I _N | 16 A | 16 A | |
| Nominal voltage U _N | 300 V | 300 V | |

| | | | |
|--|--|--|--|
| cULus Recognized  | | | |
|--|--|--|--|

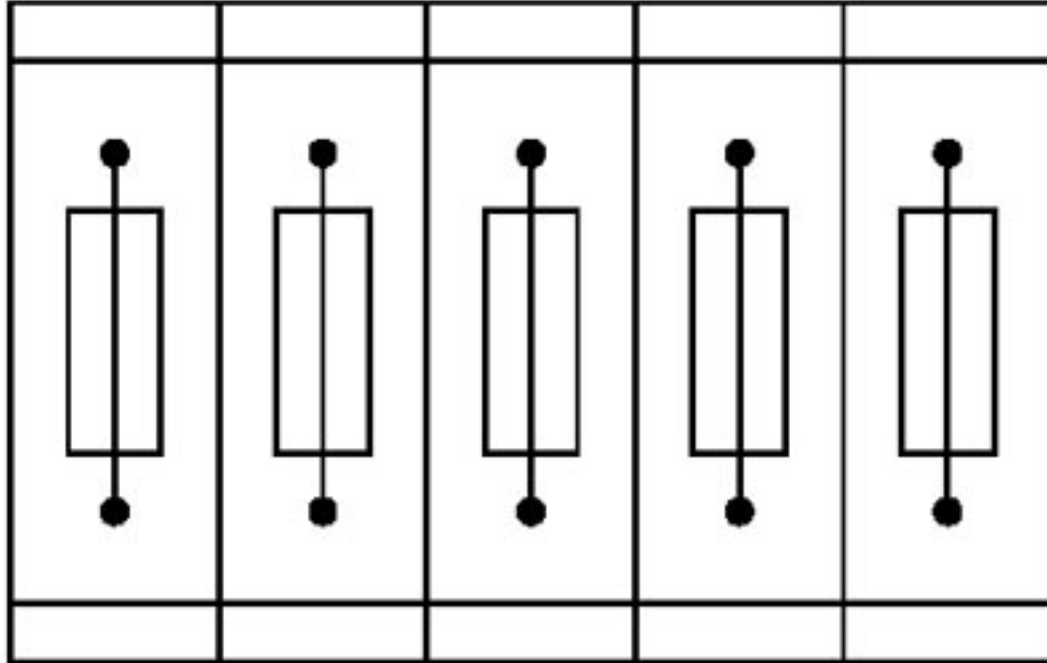
Drawings

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Circuit diagram



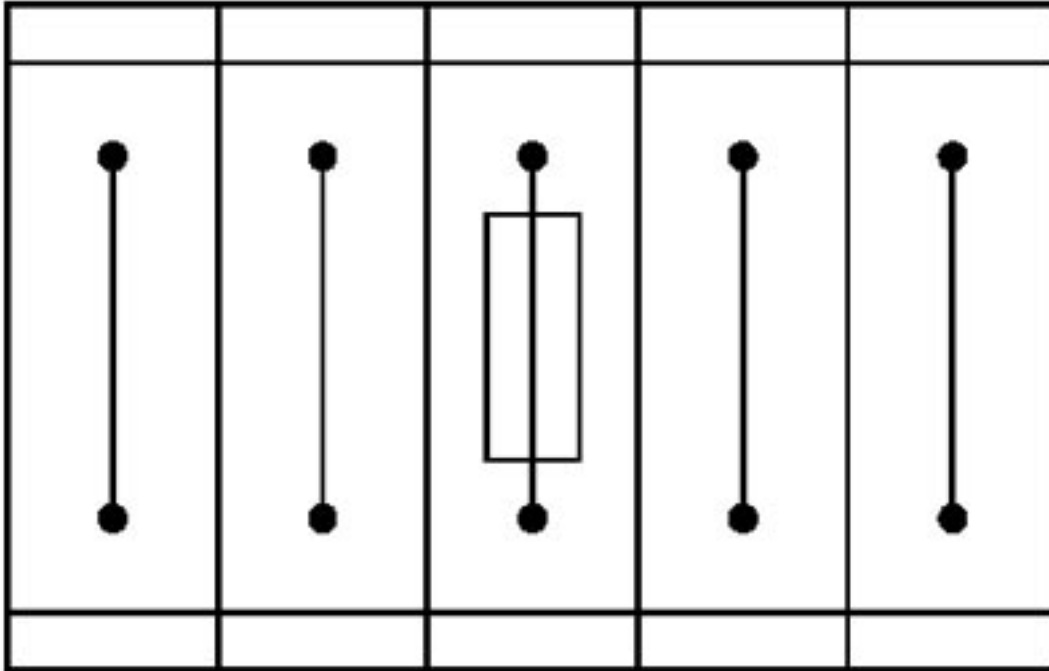
Application drawing



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

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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