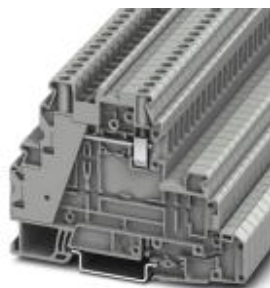


Multi-level terminal block - UT 4-L - 3214363

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Multi-level terminal block, Connection method: Screw connection, Cross section: 0.14 mm² - 6 mm², AWG: 26 - 10, Width: 6.2 mm, Height: 60.1 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 20.8 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

| | |
|---|---|
| Number of levels | 3 |
| Number of connections | 2 |
| Color | gray |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Maximum load current | 16 A (with 6 mm ² conductor cross section) |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 41 A (with 6 mm ² conductor cross section) |

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Technical data

General

| | |
|---|---|
| Nominal current I_N | 32 A |
| Nominal voltage U_N | 500 V |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 41 A (with 6 mm ² conductor cross section) |
| Nominal current I_N | 32 A (with 4 mm ² conductor cross section) |
| Nominal voltage U_N | 500 V |
| 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 |
| Tight fit on carrier | NS 35 |
| Setpoint | 1 N |
| Result of tight fit test | Test passed |
| Requirements, voltage drop | ≤ 3.2 mV |
| Result of voltage drop test | Test passed |
| Temperature-rise test | Test passed |
| Conductor cross section short circuit testing | 6 mm ² |
| Short-time current | 0.72 kA |

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Technical data

General

| | |
|---|---|
| Short circuit stability result | Test passed |
| Proof of thermal characteristics (needle flame) effective duration | 30 s |
| Result of thermal test | 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 | $f_1 = 5 \text{ Hz}$ 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 |
| End cover width | 3.1 mm |
| Length | 92.7 mm |
| Height | 60.1 mm |
| Height NS 35/7,5 | 61.7 mm |
| Height NS 35/15 | 69.2 mm |

Connection data

| | |
|--|----------------------|
| Connection in acc. with standard | IEC 60947-7-1 |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 6 mm ² |

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Technical data

Connection data

| | |
|---|----------------------|
| Min. AWG conductor cross section, stranded | 26 |
| Max. AWG conductor cross section, stranded | 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 |
| 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 |
| 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 |
| Stripping length | 9 mm |
| Internal cylindrical gage | A4 |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |
| Connection in acc. with standard | IEC 60947-7-1 |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Min. AWG conductor cross section, stranded | 26 |
| Max. AWG conductor cross section, stranded | 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 |

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Technical data

Connection data

| | |
|---|----------------------|
| 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 |
| 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 |
| 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 |
| Stripping length | 9 mm |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27141126 |
| eCl@ss 6.0 | 27141141 |

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC000897 |
|----------|----------|

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

Multi-level terminal block - UT 4-L - 3214363

Approvals

| | | | |
|--------------------------------|-------|-------|---|
| UL Recognized | | | |
| | | B | C |
| mm ² /AWG/kcmil | 26-10 | 26-10 | |
| Nominal current I _N | 20 A | 20 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 | 20 A | 20 A | |
| Nominal voltage U _N | 300 V | 300 V | |

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

Drawings

Circuit diagram





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Электрон
Связь**

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