

Lever-type disconnect terminal block - ST 4-HEDI BU - 3035221

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Lever-type disconnect terminal block, nom. voltage: 500 V, nominal current: 20 A, connection method: Spring-cage connection, Rated cross section: 2.5 mm², cross section: 0.08 mm² - 6 mm², mounting type: NS 35/7,5, NS 35/15, color: blue

The figure shows a version of the product



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| GTIN |  4 046356 053563 |
| GTIN | 4046356053563 |
| Weight per Piece (excluding packing) | 14.550 g |
| Custom tariff number | 85365080 |
| Country of origin | Turkey |
| Sales Key | BE2134 |

Technical data

General

| | |
|---|-------------------|
| Number of rows | 1 |
| Number of connections | 2 |
| Nominal cross section | 4 mm ² |
| Color | blue |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Maximum power dissipation for nominal condition | 1.02 W |
| Rated surge voltage | 4 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |

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Technical data

General

| | |
|---|---|
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 20 A (with 6 mm ² conductor cross section) |
| Nominal current I _N | 20 A (with 6 mm ² conductor cross section) |
| Nominal voltage U _N | 500 V |
| Open side panel | No |
| 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 | 61.5 mm |
| Height NS 35/7,5 | 62.5 mm |
| Height NS 35/15 | 70 mm |

Ambient conditions

| | |
|--|---|
| Operating temperature | -60 °C ... 105 °C (max. short-term operating temperature RTI Elec.) |
| Ambient temperature (storage/transport) | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C 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. | 0.08 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.08 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, 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 |

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Connection data

| | |
|--|------------------------|
| Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, minimum | 0.5 mm ² |
| Two conductors with the same cross section, flexible, with TWIN ferrules, with plastic sleeve, maximum | 1 mm ² |
| Connection method | Spring-cage connection |
| Stripping length | 8 mm ... 10 mm |
| Internal cylindrical gage | A4 |

Standards and Regulations

| | |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-1 |
|----------------------------------|---------------|

Environmental Product Compliance

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

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27141120 |
| eCl@ss 11.0 | 27141120 |
| 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 | 27141120 |
| eCl@ss 9.0 | 27141120 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000902 |
| ETIM 3.0 | EC000902 |
| ETIM 4.0 | EC000902 |
| ETIM 6.0 | EC000897 |
| ETIM 7.0 | EC000897 |

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 |

<https://www.phoenixcontact.com/gb/products/3035221>



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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 20.0 | 39121410 |
| UNSPSC 21.0 | 39121410 |

Approvals




Approvals

Approvals

EAC / RS / DNV GL

Ex Approvals

Approval details

| | | | |
|--------|---|---|--------------------------|
| EAC |  | | RU C- DE.BL08.B.00644 |
| RS |  | http://www.rs-head.spb.ru/en/index.php | 17.00013.272 |
| DNV GL |  | https://approvalfinder.dnvgl.com/ | TAE0000382 |

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