

PCB terminal block - KDS BU - 1701094

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PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 1, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: blue, The article can be aligned to create different nos. of positions!

The illustration shows a combination as a 15-position version, in green



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 022976 |
| Weight per Piece (excluding packing) | 2.45 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|----------------|--------------|
| Length | 18.6 mm |
| Pitch | 5 mm |
| Pin dimensions | 1,1 x 0,8 mm |
| Hole diameter | 1.4 mm |

General

| | |
|-----------------------------|-------|
| Range of articles | KDS |
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/3) | 250 V |

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Technical data

General

| | |
|---|---|
| Rated voltage (III/2) | 400 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 17.5 A |
| Nominal cross section | 1.5 mm ² |
| Maximum load current | 24 A (with 2.5 mm ² conductor cross section) |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V2 |
| Stripping length | 10 mm |
| Number of positions | 1 |
| Screw thread | M2,6 |
| Tightening torque, min | 0.4 Nm |
| Tightening torque max | 0.5 Nm |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1 mm ² |
| Conductor cross section AWG/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max | 14 |
| 2 conductors with same cross section, solid min. | 0.14 mm ² |
| 2 conductors with same cross section, solid max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded min. | 0.14 mm ² |
| 2 conductors with same cross section, stranded max. | 0.5 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 14 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11 | 39121432 |
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2 | 39121432 |

Approvals

Approvals


Approvals

CSA / UL Recognized / SEV / GOST / CCA

Ex Approvals

Approvals submitted


Approval details

| | | |
|---|-------|-------|
| CSA  | | |
| | B | C |
| mm ² /AWG/kcmil | 24-12 | 24-12 |


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Approvals

| | B | C |
|--------------------------------|-------|------|
| Nominal current I _N | 10 A | 10 A |
| Nominal voltage U _N | 300 V | 50 V |

| UL Recognized  | | |
|---|-------|-------|
| | B | C |
| mm²/AWG/kcmil | 30-14 | 30-14 |
| Nominal current I _N | 15 A | 15 A |
| Nominal voltage U _N | 250 V | 50 V |

| SEV | |
|--------------------------------|-------|
| | |
| mm²/AWG/kcmil | 2.5 |
| Nominal voltage U _N | 250 V |

| | |
|--|--|
| GOST  | |
|--|--|

| CCA | |
|--------------------------------|-------|
| | |
| mm²/AWG/kcmil | 2.5 |
| Nominal voltage U _N | 250 V |

Accessories

Accessories

Bridge

Insertion bridge - EB 2- 5 - 1401158

Insertion bridge, Number of positions: 2, Color: gray



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Accessories

Insertion bridge - EB 3- 5 - 1401145



Insertion bridge, Number of positions: 3, Color: gray

Labeled terminal marker

Marker cards - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

Marker pin Zack strip - BNB-ZB 5,LGS:FORTL.ZAHLEN - 1400201



Marker pin Zack strip, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Plug in, For terminal block width: 5.2 mm, Lettering field: 4 x 4 mm

Pitch spacer

PCB terminal block - RZ 2,5 - 1701052



Pitch spacer, raises the pitch by 2.5 mm, interlocks with terminal block of the same shape, color: green

Screwdriver tools

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Accessories

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Test plug terminal block

Reducing plug - RPS - 0201647



Reducing plug, For test plugs, Color: gray

Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

PCB terminal block - TP-KDS/GKDS - 1701793

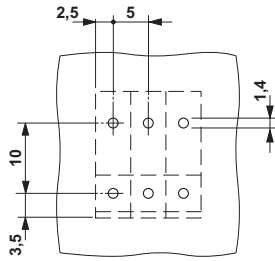


PCB terminal block, Number of positions: 1

Drawings

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Drilling diagram



Dimensioned drawing

