

## PCB terminal block - KDS 3-SI - 1780112

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PC terminal block, Nominal current: 6.3 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions! The current is determined by the fuse used.

### Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 1   |
| GTIN                   | <br>4 017918 040734 |
| Custom tariff number   | 85369010  |
| Country of origin      | POLAND  |

### Technical data

#### Dimensions / positions

|                        |              |
|------------------------|--------------|
| Length                 | 27 mm        |
| Pitch                  | 5.08 mm      |
| Number of positions    | 1            |
| Pin dimensions         | 1,1 x 0,8 mm |
| Hole diameter          | 1.4 mm       |
| Screw thread           | M3           |
| Tightening torque, min | 0.5 Nm       |
| Tightening torque max  | 0.6 Nm       |

#### Technical data

|   |  |
|---|--|
| Range of articles                       | KDS 3-SI   |
| 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)                   | 320 V  |
| Rated voltage (III/2)                   | 320 V  |
| Rated voltage (II/2)                    | 630 V  |
| Connection in acc. with standard        | EN-VDE   |
| Nominal current $I_N$                   | 6.3 A  |
| Nominal cross section                   | 2.5 mm <sup>2</sup>                                    |
| Maximum load current                    | 6.3 A (with 4 mm <sup>2</sup> conductor cross section) |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V2   |
| Internal cylindrical gage               | A3   |

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## Technical data

### Technical data

|                                     |       |
|-------------------------------------|-------|
| Stripping length                    | 8 mm  |
| Nominal voltage, UL/CUL Use Group B | 250 V |
| Nominal current, UL/CUL Use Group B | 15 A  |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 10 A  |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 4 mm <sup>2</sup>    |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 1.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.  | 24                   |
| Conductor cross section AWG/kcmil max   | 12                   |
| 2 conductors with same cross section, solid min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1 mm <sup>2</sup>    |
| Minimum AWG according to UL/CUL   | 28                   |
| Maximum AWG according to UL/CUL   | 12                   |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |

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## Classifications

### 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

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Approvals

CSA / UL Recognized / RS

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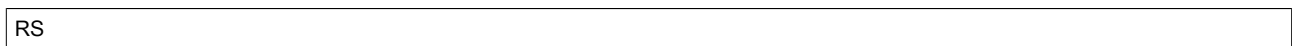
Ex Approvals

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Approvals submitted

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### Approval details



## Accessories

Accessories

Assembly

## PCB terminal block - KDS 3-SI - 1780112

### Accessories

Spacer plate - RZ 2,54 - 1780044



Pitch spacer, raises the pitch by 2.54 mm, interlocks with terminal block of the same shape, color: green

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### Marking

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 mm, Lettering field: 4 x 4 mm

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### Plug/Adapter

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

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Test plugs - MPS-MT - 0201744



Test plugs

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### Tools

Screwdriver - SZG 0,6X3,5 VDE - 1205121



Screwdriver, bladed, graded, for test socket screws, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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Insertion bridge - EB 8- KDS 3-SI - 1780125

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### Accessories

Insertion bridge

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