

## PCB terminal block - MFKDSP/ 7-5,08 - 1791693

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PCB terminal block, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 7, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green

The illustration shows the 5-pos. version



### Key commercial data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 50 pc   |
| GTIN                                 | <br>4 017918 044435 |
| Weight per Piece (excluding packing) | 7.32 g  |
| Custom tariff number                 | 85369010  |
| Country of origin                    | Poland  |

### Technical data

#### Dimensions

|                |            |
|----------------|------------|
| Length         | 16.2 mm    |
| Pitch          | 5.08 mm    |
| Dimension a    | 30.48 mm   |
| Pin dimensions | 0,5 x 1 mm |
| Pin spacing    | 30.48 mm   |
| Hole diameter  | 1.3 mm     |

#### General

|                             |        |
|-----------------------------|--------|
| Range of articles           | MFKDSP |
| 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  |
| Rated voltage (III/2)       | 320 V  |
| Rated voltage (II/2)        | 630 V  |

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## Technical data

### General

|   |   |
|---|---|
| Connection in acc. with standard        | EN-VDE  |
| Nominal current $I_N$                   | 12 A  |
| Nominal cross section                   | 1 mm <sup>2</sup>                                       |
| Maximum load current                    | 12 A (with 1.5 mm <sup>2</sup> conductor cross section) |
| Insulating material                     | PA  |
| Solder pin surface                      | Sn  |
| Inflammability class according to UL 94 | V0  |
| Stripping length                        | 10 mm   |
| Number of positions                     | 7   |

### Connection data

|  |                      |
|--|----------------------|
| Conductor cross section solid min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 1 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. | 0.75 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.    | 0.75 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                     | 24                   |
| Conductor cross section AWG/kcmil max                                      | 16                   |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| 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 |
| eCl@ss 8.0 | 27440401 |

### ETIM

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

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 6.01 | 30211801 |
|-------------|----------|

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## Classifications

### UNSPSC

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

## Approvals

### Approvals

#### Approvals

CSA / UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

|                                |       |       |
|--------------------------------|-------|-------|
| CSA                            |       |       |
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 22-18 | 22-18 |
| Nominal current I <sub>N</sub> | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

|                                |       |       |
|--------------------------------|-------|-------|
| UL Recognized                  |       |       |
|                                | B     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 22-18 | 22-18 |
| Nominal current I <sub>N</sub> | 3.6 A | 3.6 A |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

|                            |       |       |
|----------------------------|-------|-------|
| cUL Recognized             |       |       |
|                            | B     | D     |
| mm <sup>2</sup> /AWG/kcmil | 22-18 | 22-18 |

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### Approvals

|                                | B     | D     |
|--------------------------------|-------|-------|
| Nominal current I <sub>N</sub> | 3.6 A | 3.6 A |
| Nominal voltage U <sub>N</sub> | 300 V | 300 V |

EAC

cULus Recognized

### Accessories

#### Accessories

##### Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Marker for terminal blocks - SK 5,08/3,8: 0-9 - 0804303



Marker for terminal blocks, Card, white, labeled, Horizontal: Consecutive numbers 0 - 9, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

##### Terminal marking

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

##### Test plug terminal block

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## Accessories

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

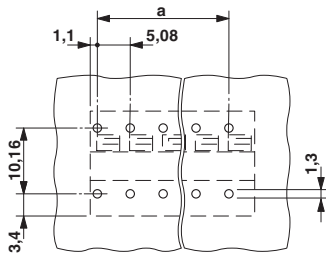
Test plugs - MPS-MT - 0201744



Test plugs, Color: silver

## Drawings

Drilling diagram



Dimensioned drawing

