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# PCB terminal block - MFKDSP/ 2-5,08 - 1790283

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PCB terminal block, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 2, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green

The illustration shows the 5-pos. version



## Key commercial data

|                        |                     |
|------------------------|---------------------|
| Packing unit           | 1                   |
| Minimum order quantity | 50                  |
| Catalog page           | Page 120 (CC-2009)  |
| GTIN                   | <br>4 017918 044213 |
| Custom tariff number   | 85369010            |
| Country of origin      | POLAND              |

## Technical data

### Dimensions / positions

|                     |            |
|---------------------|------------|
| Length              | 16.2 mm    |
| Pitch               | 5.08 mm    |
| Dimension a         | 5.08 mm    |
| Number of positions | 2          |
| Pin dimensions      | 0,5 x 1 mm |
| Hole diameter       | 1.3 mm     |

### Technical data

|                             |        |
|-----------------------------|--------|
| 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  |

# PCB terminal block - MFKDSP/ 2-5,08 - 1790283

## Technical data

### Technical data

|   |   |
|---|---|
| Connection in acc. with standard        | EN-VDE  |
| Nominal current I <sub>N</sub>          | 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  |
| Inflammability class according to UL 94 | V0  |
| Stripping length                        | 10 mm   |
| Nominal voltage, UL/CUL Use Group B     | 300 V   |
| Nominal current, UL/CUL Use Group B     | 3.6 A   |
| Nominal voltage, UL/CUL Use Group D     | 300 V   |
| Nominal current, UL/CUL Use Group D     | 3.6 A   |

### 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                   |
| Minimum AWG according to UL/CUL  | 22                   |
| Maximum AWG according to UL/CUL  | 18                   |

## 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 |

### etim

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

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## Classifications

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 / cUL Recognized / GOST / GOST / 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>  | 11 A  | 10 A  |   |
| Nominal voltage U <sub>N</sub>  | 300 V | 300 V |   |

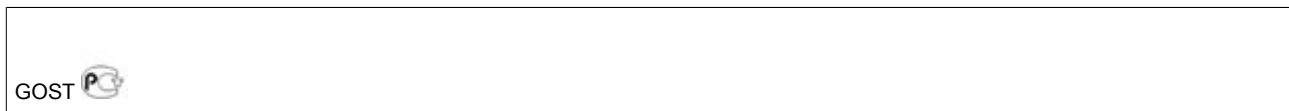
|  |       |       |   |
|--|-------|-------|---|
| cUL Recognized  |       |       |   |
|  |       | B     | D |
| mm <sup>2</sup> /AWG/kcmil   | 22-18 | 22-18 |   |



# PCB terminal block - MFKDSP/ 2-5,08 - 1790283

## Approvals

|                    |       | B     | D |
|--------------------|-------|-------|---|
| Nominal current IN | 11 A  | 10 A  |   |
| Nominal voltage UN | 300 V | 300 V |   |



## Accessories

### Accessories

### Marking

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



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: 5.08 mm

### Plug/Adapter

Reducing plug - RPS - 0201647



Reducing plug, Color: gray

Test plugs - MPS-MT - 0201744

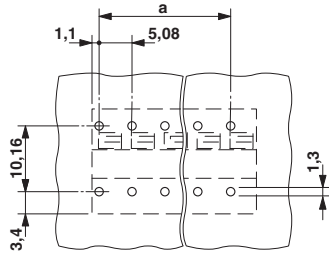


Test plugs

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## Drawings

Drilling diagram



Dimensioned drawing

