

# Panel feed-through terminal block - DFK-WW(1 X1) - 0735032

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Panel feed-through terminal block, connection method: Screw connection, Wire-Wrap® connection, number of positions: 1, cross section: 0.2 mm² - 4 mm², AWG 24 - 12, width: 5.9 mm, color: gray


The figure shows a 6-position version

## Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Allows connection of two conductors
- ✓ Tool-free snap-in principle enables easy mounting on the device panel



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 50 pc   |
| GTIN         | <br>4 017918 005405 |
| GTIN         | 4017918005405   |

## Technical data

### General

|  |       |
|--|-------|
| Number of levels                       | 1     |
| Number of connections                  | 2     |
| Color                                  | gray  |
| Insulating material                    | PA    |
| Flammability rating according to UL 94 | V2    |
| Rated surge voltage                    | 4 kV  |
| Degree of pollution                    | 3     |
| Overvoltage category                   | III   |
| Insulating material group              | I     |
| Nominal current I <sub>N</sub>         | 10 A  |
| Nominal voltage U <sub>N</sub>         | 250 V |

# Panel feed-through terminal block - DFK-WW(1 X1) - 0735032

## Technical data

### General

|                     |    |
|---------------------|----|
| Open side panel     | No |
| Number of positions | 1  |

### Dimensions

|       |        |
|-------|--------|
| Width | 5.9 mm |
| Pitch | 5.9 mm |

### Connection data

|   |                       |
|---|-----------------------|
| Connection side   | Level 1 ext. 1        |
| Connection method   | Screw connection      |
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>   |
| Conductor cross section solid max.  | 4 mm <sup>2</sup>     |
| Conductor cross section flexible min.   | 0.2 mm <sup>2</sup>   |
| Conductor cross section flexible max.   | 4 mm <sup>2</sup>     |
| Conductor cross section AWG min.  | 24                    |
| Conductor cross section AWG max.  | 12                    |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>     |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>   |
| 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.                                     | 1.5 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.5 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 2.5 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. | 2.5 mm <sup>2</sup>   |
| Stripping length  | 9 mm                  |
| Internal cylindrical gage   | A3                    |
| Screw thread  | M3                    |
| Tightening torque, min  | 0.6 Nm                |
| Tightening torque max   | 0.8 Nm                |
| Connection side   | Level 1 int. 1        |
| Connection method   | Wire-Wrap® connection |
| Conductor cross section AWG min.  | 30                    |
| Conductor cross section AWG max.  | 20                    |
| Internal cylindrical gage   | A3                    |
| Slip-on connection  | 1 x 1 mm              |

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## Technical data

### Standards and Regulations

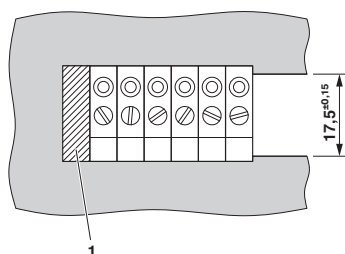
|  |     |
|--|-----|
| Connection in acc. with standard       | CSA |
| Flammability rating according to UL 94 | V2  |

### Environmental Product Compliance

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

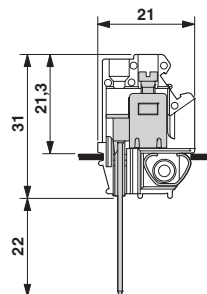
## Drawings

Dimensional drawing



1 = blind cover

Dimensional drawing



## Approvals

### Approvals

Approvals

CSA / EAC / cULus Recognized

Ex Approvals


### Approval details

|                            |       |   |       |
|----------------------------|-------|---|-------|
| CSA                        |       | <a href="http://www.csagroup.org/services-industries/product-listing/">http://www.csagroup.org/services-industries/product-listing/</a> | 13631 |
| Nominal voltage UN         | 300 V |   |       |
| Nominal current IN         | 10 A  |   |       |
| mm <sup>2</sup> /AWG/kcmil | 22-12 |   |       |

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## Approvals

|     |   |         |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

|                            |   |   |                 |
|----------------------------|---|---|-----------------|
| cULus Recognized           |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-19900730 |
| Nominal voltage UN         | 300 V   |   |                 |
| Nominal current IN         | 10 A  |   |                 |
| mm <sup>2</sup> /AWG/kcmil | 28-12   |   |                 |

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