

## Panel feed-through terminal block - DFK-2,8-FRONT 2,5 - 0706508


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Panel feed-through terminal block, Connection method: Screw connection, Solder/Slip-on connection, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG 24 - 12, Width: 6.2 mm, Color: gray



### Key Commercial Data

|                                      |  |
|--------------------------------------|--|
| Packing unit                         | 1 pc   |
| GTIN                                 | <br>4 017918 003722 |
| Weight per Piece (excluding packing) | 7.95 g   |
| Custom tariff number                 | 85369010   |
| Country of origin                    | Bulgaria   |

### 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   |
| Pollution degree                       | 3      |
| Overvoltage category                   | III    |
| Insulating material group              | I      |
| Nominal current I <sub>N</sub>         | 17.5 A |
| Nominal voltage U <sub>N</sub>         | 400 V  |
| Open side panel                        | nein   |
| Number of positions                    | 0      |

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## Technical data

### Dimensions

|       |        |
|-------|--------|
| Width | 6.2 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.   | 2.5 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.            | 2.5 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>       |
| Stripping length  | 14 mm                     |
| Internal cylindrical gage   | A3                        |
| Screw thread  | M3                        |
| Tightening torque, min  | 0.8 Nm                    |
| Tightening torque max   | 1 Nm                      |
| Connection side   | Level 1 int. 1            |
| Connection method   | Solder/Slip-on connection |
| 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 flexible min.   | 0.2 mm <sup>2</sup>       |
| Conductor cross section flexible max.   | 1.5 mm <sup>2</sup>       |
| Conductor cross section AWG min.  | 24                        |
| Conductor cross section AWG max.  | 16                        |
| Internal cylindrical gage   | A3                        |
| Slip-on connection  | 2.8 x 0.8 mm              |

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## Technical data

### Standards and Regulations

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

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| eCl@ss 5.0 | 27141134 |
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |
| eCl@ss 7.0 | 27141134 |
| eCl@ss 8.0 | 27141134 |

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001283 |
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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## Approvals

Approvals submitted

### Approval details

|                                |       |
|--------------------------------|-------|
| CSA                            |       |
| mm <sup>2</sup> /AWG/kcmil     | 22-12 |
| Nominal current I <sub>N</sub> | 15 A  |
| Nominal voltage U <sub>N</sub> | 300 V |

|                                |       |
|--------------------------------|-------|
| UL Recognized                  |       |
| mm <sup>2</sup> /AWG/kcmil     | 28-12 |
| Nominal current I <sub>N</sub> | 15 A  |
| Nominal voltage U <sub>N</sub> | 300 V |

|                                |       |
|--------------------------------|-------|
| cUL Recognized                 |       |
| mm <sup>2</sup> /AWG/kcmil     | 28-12 |
| Nominal current I <sub>N</sub> | 15 A  |
| Nominal voltage U <sub>N</sub> | 300 V |

|     |
|-----|
| EAC |
|-----|

|                  |
|------------------|
| cULus Recognized |
|------------------|

## Drawings

## Panel feed-through terminal block - DFK-2,8-FRONT 2,5 - 0706508

Dimensional drawing

