

## Feed-through terminal block - HDFK 50-VP/Z - 0711218

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Feed-through terminal block, Connection method: Screw connection, Bolt connection, Load current : 150 A, Cross section: 16 mm<sup>2</sup> - 50 mm<sup>2</sup>, Connection direction of the conductor to plug-in direction: 0 °, Width: 18.8 mm, Color: gray

### Product description

Feed-through terminal block, Connection method: Screw connection, Bolt connection, Load current : 150 A, Cross section: 16 mm<sup>2</sup> - 50 mm<sup>2</sup>, Connection direction of the conductor to plug-in direction: 0 °, Width: 18.8 mm, Color: gray

### Why buy this product

- ✓ Easy grouping with engagement pin versions
- ✓ Both terminal halves can be easily assembled by simply snapping them together
- ✓ Touch-proof insulating housing in a new design
- ✓ Molded versions ensure maximum tightness of seal
- ✓ Universal screw connection with screw locking
- ✓ Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1                                                                                                       |
| Minimum order quantity               | 1                                                                                                       |
| Catalog page                         | Page 673 (CC-2011)                                                                                      |
| GTIN                                 | <br>4 017918 311438 |
| Weight per piece (including packing) | 0.0 GRM                                                                                                 |
| Weight per Piece (excluding packing) | 80.21 GRM                                                                                               |
| Country of origin                    | GREECE                                                                                                  |

### Technical data

#### General

|                                         |      |
|-----------------------------------------|------|
| Number of levels                        | 1    |
| Number of connections                   | 2    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

# Feed-through terminal block - HDFK 50-VP/Z - 0711218

## Technical data

### Dimensions

|       |         |
|-------|---------|
| Width | 18.8 mm |
|-------|---------|

### Technical data

|                                  |               |
|----------------------------------|---------------|
| Maximum load current             | 150 A         |
| Rated surge voltage              | 8 kV          |
| Pollution degree                 | 3             |
| Surge voltage category           | III           |
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I <sub>N</sub>   | 150 A         |
| Nominal voltage U <sub>N</sub>   | 690 V         |

### Connection data

|                                                                                         |                    |
|-----------------------------------------------------------------------------------------|--------------------|
| Conductor cross section solid min.                                                      | 16 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 50 mm <sup>2</sup> |
| Conductor cross section stranded min.                                                   | 16 mm <sup>2</sup> |
| Conductor cross section stranded max.                                                   | 50 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min.                                                  | 6                  |
| Conductor cross section AWG/kcmil max                                                   | 1/0                |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 10 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 50 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 10 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 50 mm <sup>2</sup> |
| 2 conductors with same cross section, solid min.                                        | 6 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 16 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                                     | 10 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 16 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 6 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 16 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 6 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm <sup>2</sup> |
| Connection method                                                                       | Screw connection   |
| Stripping length                                                                        | 24 mm              |
| Internal cylindrical gage                                                               | B10                |
| Screw thread                                                                            | M6                 |
| Tightening torque, min                                                                  | 6 Nm               |
| Tightening torque max                                                                   | 8 Nm               |

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## Classifications

### eclass

|            |          |
|------------|----------|
| eClass 4.0 | 27141131 |
| eClass 4.1 | 27141131 |
| eClass 5.0 | 27141134 |
| eClass 5.1 | 27141134 |
| eClass 6.0 | 27141134 |

### etim

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

### unspsc

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

## Approvals

### Certificates

#### Certification

CSA / UL Recognized / GOST / PRS / GOST

#### Certification EX

#### Certification submitted

### Approval details

|                    |       |
|--------------------|-------|
| CSA                |       |
| mm²/AWG/kcmil      | 6     |
| Nominal current IN | 125 A |
| Nominal voltage UN | 600 V |

|               |   |   |
|---------------|---|---|
| UL Recognized |   |   |
|               | B | C |
| mm²/AWG/kcmil | 6 | 6 |

## Feed-through terminal block - HDFK 50-VP/Z - 0711218

### Approvals

|                                | B     | C     |
|--------------------------------|-------|-------|
| Nominal current I <sub>N</sub> | 150 A | 150 A |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

GOST

PRS

GOST

### Accessories

#### Accessories

#### Marking

Zack marker strip - ZB10:SO/CMS - 1050525



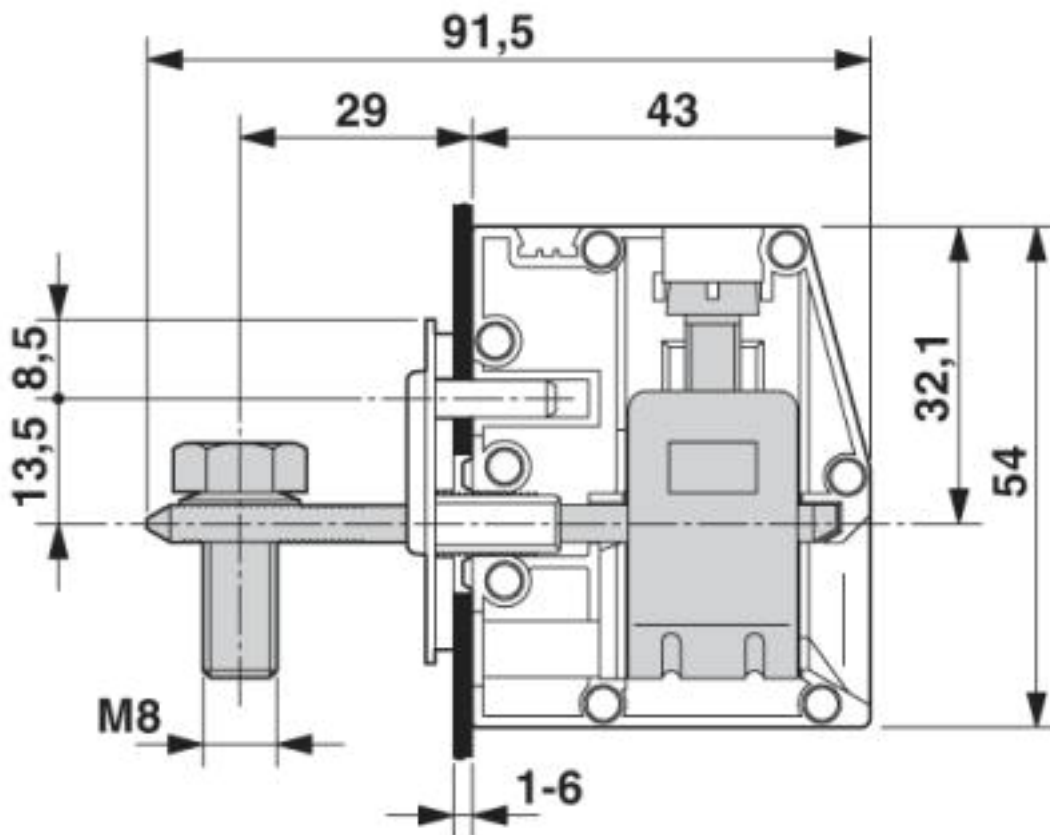
Zack marker strip, white, For terminal block width: 10 mm

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### Drawings

## Feed-through terminal block - HDFK 50-VP/Z - 0711218

Dimensioned drawing



Dimensioned drawing

