

# Feed-through terminal block - HDFK 10-VP - 0709110


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Feed-through terminal block, Connection method: Screw connection, Load current : 76 A, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG 20 - 8, Connection direction of the conductor to plug-in direction: 0 °, Width: 10.1 mm, Color: gray



## Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 50  |
| Catalog page           | Page 634 (CC-2009)  |
| GTIN                   | <br>4 017918 004934 |
| Custom tariff number   | 85369010  |
| 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   |

### Dimensions

|        |         |
|--------|---------|
| Width  | 10.1 mm |
| Length | 42.8 mm |

### Technical data

|                                  |  |
|----------------------------------|--|
| Rated surge voltage              | 6 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>   | 57 A   |
| Nominal voltage U <sub>N</sub>   | 400 V (With metal panels of 1 mm ... 2.5 mm) |

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## Technical data

### Technical data

|                    |  |
|--------------------|--|
| Nominal voltage UN | 250 V (With metal panels over 2.5 mm ... 4 mm) |
| Nominal voltage UN | 400 V (With plastic panels of 1 mm ... 4 mm)   |
| Open side panel    | nein   |

### Connection data

|   |                     |
|---|---------------------|
| Conductor cross section solid min.  | 0.5 mm <sup>2</sup> |
| Conductor cross section solid max.  | 16 mm <sup>2</sup>  |
| Conductor cross section stranded min.   | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded max.   | 10 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.  | 20                  |
| Conductor cross section AWG/kcmil max   | 6                   |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 10 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.5 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 10 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid min.  | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.  | 4 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                     | 0.5 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 4 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. | 6 mm <sup>2</sup>   |
| Cross section with insertion bridge, solid max.   | 10 mm <sup>2</sup>  |
| Cross section with insertion bridge, stranded max.                                      | 10 mm <sup>2</sup>  |
| Connection method   | Screw connection    |
| Stripping length  | 11 mm               |
| Internal cylindrical gage   | B 6                 |
| Screw thread  | M4                  |
| Tightening torque, min  | 1.5 Nm              |
| Tightening torque max   | 1.8 Nm              |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| eCl@ss 5.0 | 27141134 |

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## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |
| eCl@ss 7.0 | 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 / KEMA-KEUR / cUL Recognized / GOST / PRS / IECCEB CB Scheme / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

|   |       |
|---|-------|
| CSA  |       |
| mm <sup>2</sup> /AWG/kcmil  | 22-6  |
| Nominal current I <sub>N</sub>  | 65 A  |
| Nominal voltage U <sub>N</sub>  | 300 V |

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## Approvals

UL Recognized

|                                |       |
|--------------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 24-6  |
| Nominal current I <sub>N</sub> | 65 A  |
| Nominal voltage U <sub>N</sub> | 300 V |

KEMA-KEUR

|                                |       |
|--------------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 10    |
| Nominal current I <sub>N</sub> | 57 A  |
| Nominal voltage U <sub>N</sub> | 250 V |

cUL Recognized

|                                |       |
|--------------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 24-6  |
| Nominal current I <sub>N</sub> | 65 A  |
| Nominal voltage U <sub>N</sub> | 300 V |

GOST

PRS

IECEE CB Scheme

|                                |       |
|--------------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 10    |
| Nominal current I <sub>N</sub> | 57 A  |
| Nominal voltage U <sub>N</sub> | 250 V |

GOST

cULus Recognized

## Feed-through terminal block - HDFK 10-VP - 0709110

### Accessories

#### Accessories

#### Bridges

Insertion bridge - EB 2-10 - 0203153



Insertion bridge, Number of positions: 2, Color: gray

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Insertion bridge - EB 3-10 - 0203328



Insertion bridge, Number of positions: 3, Color: gray

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Insertion bridge - EB 10-10 - 0203137



Insertion bridge, Number of positions: 10, Color: gray

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### Tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066



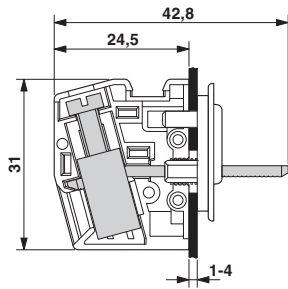
Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

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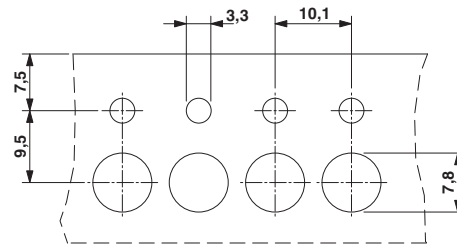
### Drawings

# Feed-through terminal block - HDFK 10-VP - 0709110

Dimensioned drawing



Dimensioned drawing



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