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## Feed-through terminal block - HDFK 95 - 0709534

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Feed-through terminal block, Connection method: Screw connection, Load current : 232 A, Cross section: 35 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG 2 - 3/0, Connection direction of the conductor to plug-in direction: 0 °, Width: 25 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
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- Universal screw connection with screw locking
- Spacer plates increase air and creepage distances



### Key commercial data

|                        |   |
|------------------------|---|
| Packing unit           | 1   |
| Minimum order quantity | 1   |
| Catalog page           | Page 674 (CC-2011)  |
| GTIN                   | <br>4 017918 117047 |
| 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 | 25 mm |
|-------|-------|

#### Technical data

|                      |       |
|----------------------|-------|
| Maximum load current | 232 A |
| Rated surge voltage  | 8 kV  |

# Feed-through terminal block - HDFK 95 - 0709534

## Technical data

### Technical data

|                                  |  |
|----------------------------------|--|
| 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>   | 232 A  |
| Nominal voltage U <sub>N</sub>   | 1000 V (With metal panels of 1 mm ... 2.5 mm)  |
| Nominal voltage U <sub>N</sub>   | 800 V (With metal panels over 2.5 mm ... 5 mm) |
| Nominal voltage U <sub>N</sub>   | 690 V (With metal panels over 5 mm ... 6 mm)   |
| Open side panel                  | nein   |

### Connection data

|   |  |
|---|--|
| Note  | Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area. |
| Conductor cross section solid min.  | 35 mm <sup>2</sup>   |
| Conductor cross section solid max.  | 95 mm <sup>2</sup>   |
| Conductor cross section stranded min.   | 35 mm <sup>2</sup>   |
| Conductor cross section stranded max.   | 95 mm <sup>2</sup>   |
| Conductor cross section AWG/kcmil min.  | 4  |
| Conductor cross section AWG/kcmil max   | 2/0  |
| Conductor cross section stranded, with ferrule without plastic sleeve min.            | 25 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule without plastic sleeve max.            | 95 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve min.               | 25 mm <sup>2</sup>   |
| Conductor cross section stranded, with ferrule with plastic sleeve max.               | 95 mm <sup>2</sup>   |
| 2 conductors with same cross section, solid min.                                      | 25 mm <sup>2</sup>   |
| 2 conductors with same cross section, solid max.                                      | 35 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded min.                                   | 25 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded max.                                   | 35 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 16 mm <sup>2</sup>   |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 35 mm <sup>2</sup>   |
| Connection method   | Screw connection   |
| Stripping length  | 27 mm  |
| Internal cylindrical gage   | B12  |
| Screw thread  | M8   |
| Tightening torque, min  | 15 Nm  |
| Tightening torque max   | 20 Nm  |

# Feed-through terminal block - HDFK 95 - 0709534

## Classifications

### eclass

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

### 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


#### Approvals

CSA / UL Recognized / VDE approval of drawings / GOST / PRS / IEC CB Scheme / GOST

#### Ex Approvals

#### Approvals submitted

### Approval details

|   |       |
|---|-------|
|  |       |
| mm <sup>2</sup> /AWG/kcmil  | 2     |
| Nominal current I <sub>N</sub>  | 200 A |
| Nominal voltage U <sub>N</sub>  | 600 V |

# Feed-through terminal block - HDFK 95 - 0709534

## Approvals

UL Recognized

|                                | B     | C     |
|--------------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 4     | 4     |
| Nominal current I <sub>N</sub> | 230 A | 230 A |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

VDE approval of drawings

|                                |       |
|--------------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 35-95 |
| Nominal current I <sub>N</sub> | 232 A |
| Nominal voltage U <sub>N</sub> | 630 V |

GOST

PRS

IECEE CB Scheme

|                                |       |
|--------------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 95    |
| Nominal current I <sub>N</sub> | 232 A |
| Nominal voltage U <sub>N</sub> | 630 V |

GOST

## Accessories

Accessories

Plug/Adapter

Insertion profile - UKH 95 EP - 3009231



Insertion profile

# Feed-through terminal block - HDFK 95 - 0709534

## Accessories

### Tools

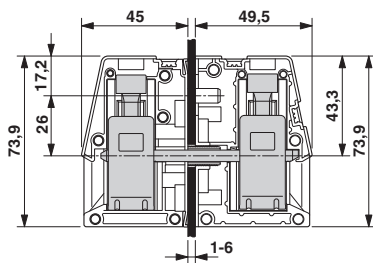
Tool - VDE-ISS 6 - 1201934



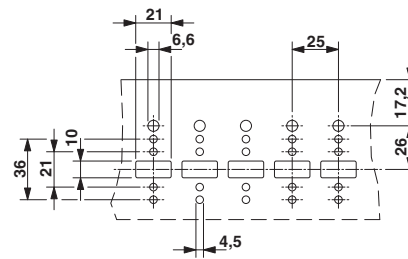
Allen wrench, fully insulated, safety tool in accordance with EN 60900, length: 150 mm, handle width: 110 mm, for all terminal blocks with 8 mm Allen screw

## Drawings

Dimensioned drawing



Dimensioned drawing



\* Dimensions when using the DP-HDFK 95/15 spacer plate