

Panel feed-through terminal block - HDFKV 50 - 0708522

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Panel feed-through terminal block, Connection method: Screw connection, Load current : 150 A, Cross section: 16 mm² - 50 mm², AWG 6 - 1/0, Connection direction of the conductor to plug-in direction: 90 °, 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
- Universal screw connection with screw locking
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- Spacer plates increase clearances and creepage distances



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 017918 004651 |
| Weight per Piece (excluding packing) | 134.27 g |
| Custom tariff number | 85369010 |
| Country of origin | Greece |

Technical data

General

| | |
|--|--------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 50 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Maximum load current | 150 A |
| Rated surge voltage | 8 kV |
| Degree of pollution | 3 |

Panel feed-through terminal block - HDFKV 50 - 0708522

Technical data

General

| | |
|----------------------------------|---------------|
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I_N | 150 A |
| Maximum load current | 150 A |
| Nominal voltage U_N | 690 V |
| Open side panel | nein |
| Number of positions | 1 |

Dimensions

| | |
|-----------------|---------------|
| Width | 18.8 mm |
| Plate thickness | 1 mm ... 6 mm |

Connection data

| | |
|---|--|
| Note | Terminal sleeve |
| Connection side | Level 1 ext. 1 |
| Connection method | Screw connection |
| 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. | 16 mm ² |
| Conductor cross section solid max. | 50 mm ² |
| Conductor cross section flexible min. | 16 mm ² |
| Conductor cross section flexible max. | 50 mm ² |
| Conductor cross section AWG min. | 6 |
| Conductor cross section AWG max. | 1/0 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 10 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 50 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 10 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 50 mm ² |
| 2 conductors with same cross section, solid min. | 6 mm ² |
| 2 conductors with same cross section, solid max. | 16 mm ² |
| 2 conductors with same cross section, stranded min. | 10 mm ² |
| 2 conductors with same cross section, stranded max. | 16 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 6 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 16 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm ² |
| Stripping length | 24 mm |
| Internal cylindrical gage | B10 |

Panel feed-through terminal block - HDFKV 50 - 0708522

Technical data

Connection data

| | |
|------------------------|------|
| Screw thread | M6 |
| Tightening torque, min | 6 Nm |
| Tightening torque max | 8 Nm |

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0 |

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

Approvals

CSA / UL Recognized / KEMA-KEUR / PRS / IECEE CB Scheme / EAC

Ex Approvals

Panel feed-through terminal block - HDFKV 50 - 0708522

Approvals

Approvals submitted

Approval details

| | | |
|--------------------------------|-------|-------|
| CSA | | |
| | B | C |
| mm ² /AWG/kcmil | 6-1/0 | 6-1/0 |
| Nominal current I _N | 125 A | 125 A |
| Nominal voltage U _N | 600 V | 600 V |

| | | |
|--------------------------------|-------|-------|
| UL Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 6-2/0 | 6-2/0 |
| Nominal current I _N | 170 A | 170 A |
| Nominal voltage U _N | 600 V | 600 V |

| | | |
|-----------|--|--|
| KEMA-KEUR | | |
|-----------|--|--|

| | | |
|-----|--|--|
| PRS | | |
|-----|--|--|

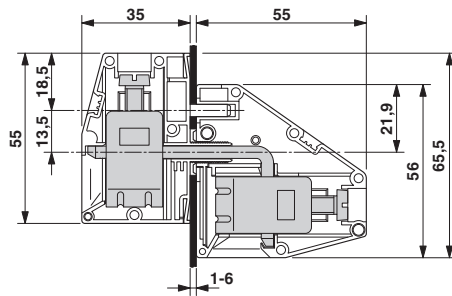
| | |
|--------------------------------|-------|
| IECEE CB Scheme | |
| mm ² /AWG/kcmil | 50 |
| Nominal current I _N | 150 A |
| Nominal voltage U _N | 690 V |

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

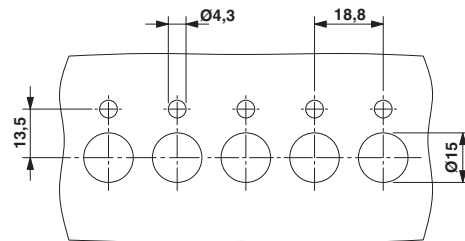
Drawings

Panel feed-through terminal block - HDFKV 50 - 0708522

Dimensional drawing



Dimensional drawing



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Terminal Blocks - Unspecified](#) category:

Click to view products by [Phoenix Contact](#) manufacturer:

Other Similar products are found below :

[RST-20P](#) [NUSC4-WH](#) [TB200-15L1L2QC7](#) [11368](#) [TB100-08BSL10J4](#) [5606874](#) [LZW-B4.2 A12-4160](#) [LZW-B4.6 A12-4660](#) [FCR7900](#)
[FCR79001](#) [88486403](#) [ESKW 1/5 ST E3](#) [88486708](#) [ESKW 1/5 KU](#) [88545276](#) [ESKL 0E PA ST TRA](#) [88838208](#) [ESKW 1/2 KU](#) [88838304](#)
[ESKW 1/2 ST](#) [264-373](#) [LZW-B4.3 A12-4260](#) [294-4013](#) [HDFK 4 0707086](#) [HDFKV 50 0708522](#) [E.4203](#) [TSCB4-02P-15-01AH](#) [TSCB4-01P-](#)
[15-01AH](#) [TSCB4-03P-15-01AH](#) [294-4002](#) [E.4204](#) [5604707](#) [SLK3/2/D1-D2](#) [88167524](#) [231-127](#) [262-142](#) [264-112](#) [294-4003](#) [FCR7901](#)
[FCR79011](#) [CMDB4/4/BG](#) [HH-REC](#) [ETBF60020H2FLZ](#) [GP+WP A12-6302](#) [4721-P4](#) [4721-P8](#) [2727608](#) [SLK3/3/N-E-L](#) [88167527](#)