# Panel feed-through terminal block - HDFK 50 GNYE - 0708726

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The illustration shows version HDFK 50 in gray

Panel feed-through terminal block, Connection method: Screw connection, Load current : 150 A, Cross section: 16 mm² - 50 mm², AWG 6 - 1/0, Width: 18.8 mm, Color: green-yellow

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| GTIN | 4 017918 004743 |
| Weight per Piece (excluding packing) | 126.21 g |
| Custom tariff number | 85369010 |
| Country of origin | Greece |

## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | green-yellow |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 8 kV |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Nominal current $I_N$ | 150 A |
| Maximum load current | 150 A |
| Nominal voltage $U_N$ | 690 V |
| Number of positions | 1 |

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## Technical data

### 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 mm² |
| Conductor cross section solid max. | 50 mm² |
| Conductor cross section flexible min. | 16 mm² |
| Conductor cross section flexible max. | 50 mm² |
| Conductor cross section AWG min. | 6 |
| Conductor cross section AWG max. | 1/0 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 10 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 50 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 10 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 50 mm² |
| 2 conductors with same cross section, solid min. | 6 mm² |
| 2 conductors with same cross section, solid max. | 16 mm² |
| 2 conductors with same cross section, stranded min. | 10 mm² |
| 2 conductors with same cross section, stranded max. | 16 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 6 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 16 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 6 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm² |
| Stripping length | 24 mm |
| Internal cylindrical gage | B10 |
| Screw thread | M6 |
| Tightening torque, min | 6 Nm |
| Tightening torque max | 8 Nm |

### Standards and Regulations

| | |
|---|---|
| Connection in acc. with standard | CSA |

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## Technical data

### Standards and Regulations

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

Approvals submitted

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## Approvals

### Approval details

CSA

| | | B | C |
|---|---|---|---|
| mm²/AWG/kcmil | 6-1/0 | 6-1/0 | |
| Nominal current IN | 125 A | 125 A | 125 A |
| Nominal voltage UN | 600 V | 600 V | 600 V |

UL Recognized

| | B | C |
|---|---|---|
| mm²/AWG/kcmil | 6-2/0 | 6-2/0 |
| Nominal current IN | 170 A | 170 A |
| Nominal voltage UN | 600 V | 600 V |

KEMA-KEUR

| | |
|---|---|
| mm²/AWG/kcmil | 50 |
| Nominal current IN | 150 A |
| Nominal voltage UN | 690 V |

PRS

IECEE CB Scheme

| | |
|---|---|
| mm²/AWG/kcmil | 50 |
| Nominal current IN | 150 A |
| Nominal voltage UN | 690 V |

EAC