

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


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Panel feed-through terminal block, Connection method: Screw connection, Load current : 150 A, Cross section: 16 mm<sup>2</sup> - 50 mm<sup>2</sup>, AWG 6 - 1/0, Width: 18.8 mm, Color: green-yellow

The illustration shows version HDFK 50 in gray

### Key Commercial Data

|                                      |  |
|--------------------------------------|--|
| Packing unit                         | 1 pc   |
| Minimum order quantity               | 10 pc  |
| GTIN                                 | <br>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 <sub>N</sub>         | 150 A        |
| Maximum load current                   | 150 A        |
| Nominal voltage U <sub>N</sub>         | 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 mm <sup>2</sup>   |
| Conductor cross section solid max.  | 50 mm <sup>2</sup>   |
| Conductor cross section flexible min.   | 16 mm <sup>2</sup>   |
| Conductor cross section flexible max.   | 50 mm <sup>2</sup>   |
| 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 <sup>2</sup>   |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 50 mm <sup>2</sup>   |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 10 mm <sup>2</sup>   |
| Conductor cross section flexible, 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>   |
| 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

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#### Approvals

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

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#### Ex Approvals


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#### Approvals submitted


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## Approvals


### Approval details

CSA 

|                                |       | B     | C     |
|--------------------------------|-------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 6-1/0 | 6-1/0 |       |
| Nominal current I <sub>N</sub> | 125 A | 125 A | 125 A |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V | 600 V |


UL Recognized 

|                                | B     | C     |
|--------------------------------|-------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 6-2/0 | 6-2/0 |
| Nominal current I <sub>N</sub> | 170 A | 170 A |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

KEMA-KEUR 

| mm <sup>2</sup> /AWG/kcmil     | 50    |
|--------------------------------|-------|
| Nominal current I <sub>N</sub> | 150 A |
| Nominal voltage U <sub>N</sub> | 690 V |

PRS

IECEE CB Scheme 

| mm <sup>2</sup> /AWG/kcmil     | 50    |
|--------------------------------|-------|
| Nominal current I <sub>N</sub> | 150 A |
| Nominal voltage U <sub>N</sub> | 690 V |

EAC

