# Panel feed-through terminal block - HDFK 16-VP - 0709796

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Panel feed-through terminal block, Connection method: Screw connection, Cable lug connection, Load current : 101 A, Cross section: 0.5 mm² - 25 mm², AWG 20 - 4, Connection direction of the conductor to plug-in direction: 0 °, Width: 12.1 mm, Color: gray

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 27.3 g |
| Custom tariff number | 85369010 |
| Country of origin | Greece |

## Technical data

### General

| | |
|---|---|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 16 mm² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current $I_N$ | 76 A |
| Maximum load current | 101 A |
| Nominal voltage $U_N$ | 500 V |
| Open side panel | nein |
| Number of positions | 1 |

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## Technical data

### Dimensions

| | |
|---|---|
| Width | 12.1 mm |
| Length | 58 mm |

### Connection data

| | |
|---|---|
| Note | Terminal sleeve |
| Connection side | Outside |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.5 mm² |
| Conductor cross section solid max. | 25 mm² |
| Conductor cross section flexible min. | 0.5 mm² |
| Conductor cross section flexible max. | 16 mm² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 4 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 16 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 16 mm² |
| 2 conductors with same cross section, solid min. | 0.5 mm² |
| 2 conductors with same cross section, solid max. | 6 mm² |
| 2 conductors with same cross section, stranded min. | 0.5 mm² |
| 2 conductors with same cross section, stranded max. | 6 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 6 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 6 mm² |
| Stripping length | 16 mm |
| Internal cylindrical gage | B7 |
| Screw thread | M5 |
| Tightening torque, min | 2 Nm |
| Tightening torque max | 2.3 Nm |
| Connection side | Inside |
| Connection method | Cable lug connection |
| Screw thread | M5 |
| Tightening torque, min | 2.5 Nm |
| Tightening torque max | 3 Nm |

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## Technical data

### Standards and Regulations

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

UL Recognized / KEMA-KEUR / cUL Recognized / PRS / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

# Panel feed-through terminal block - HDFK 16-VP - 0709796

## Approvals

Approvals submitted

## Approval details

UL Recognized

| | | B | C |
|---|---|---|---|
| mm²/AWG/kcmil | 20-4 | 20-4 | 20-4 |
| Nominal current IN | 85 A | 85 A | 85 A |
| Nominal voltage UN | 600 V | 600 V | 600 V |

KEMA-KEUR

| | |
|---|---|
| mm²/AWG/kcmil | 16 |
| Nominal current IN | 76 A |
| Nominal voltage UN | 500 V |

cUL Recognized

| | | B | C |
|---|---|---|---|
| mm²/AWG/kcmil | 20-4 | 20-4 | 20-4 |
| Nominal current IN | 85 A | 85 A | 85 A |
| Nominal voltage UN | 600 V | 600 V | 600 V |

PRS

IECEE CB Scheme

| | |
|---|---|
| mm²/AWG/kcmil | 16 |
| Nominal current IN | 76 A |
| Nominal voltage UN | 500 V |

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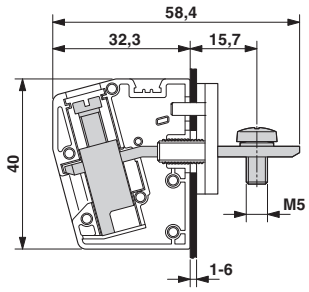
## Approvals

EAC

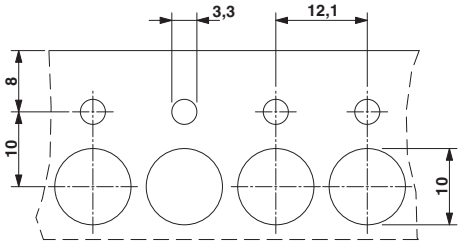
cULus Recognized

## Drawings

Dimensional drawing




Dimensional drawing




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