

Panel feed-through terminal block - HDFKV 16-VP GNYE - 0709903

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The illustration shows version HDFKV 16-VP in gray

Panel feed-through terminal block, Connection method: Screw connection, Bolt connection, Load current : 101 A, Cross section: 0.5 mm² - 25 mm², AWG 20 - 4, Connection direction of the conductor to plug-in direction: 90 °, Width: 12.1 mm, Color: green-yellow

Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 28.8 g |
| Custom tariff number | 85369010 |
| Country of origin | Greece |

Technical data

General

| | |
|--|--------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 16 mm ² |
| Color | green-yellow |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Maximum load current | 101 A |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| 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 | 63.6 mm |

Connection data

| | |
|---|---------------------|
| Note | Terminal sleeve |
| Connection side | Level 1 ext. 1 |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 25 mm ² |
| Conductor cross section flexible min. | 0.5 mm ² |
| Conductor cross section flexible max. | 16 mm ² |
| Conductor cross section AWG min. | 20 |
| Conductor cross section AWG max. | 4 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 16 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 16 mm ² |
| 2 conductors with same cross section, solid min. | 0.5 mm ² |
| 2 conductors with same cross section, solid max. | 6 mm ² |
| 2 conductors with same cross section, stranded min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded max. | 6 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 6 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 6 mm ² |
| Stripping length | 16 mm |
| Internal cylindrical gage | B7 |
| Screw thread | M5 |
| Tightening torque, min | 2 Nm |
| Tightening torque max | 2.3 Nm |
| Connection side | Level 1 int. 1 |
| Connection method | Bolt 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 |
| 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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UL Recognized / KEMA-KEUR / cUL Recognized / IECCEB CB Scheme / cULus Recognized

Ex Approvals

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Approvals

Approvals submitted

Approval details

| | |
|---|-------|
| UL Recognized  | |
| mm ² /AWG/kcmil | 20-4 |
| Nominal current I _N | 85 A |
| Nominal voltage U _N | 600 V |

| | |
|---|-------|
| KEMA-KEUR  | |
| mm ² /AWG/kcmil | 16 |
| Nominal current I _N | 76 A |
| Nominal voltage U _N | 500 V |

| | |
|--|-------|
| cUL Recognized  | |
| mm ² /AWG/kcmil | 20-4 |
| Nominal current I _N | 85 A |
| Nominal voltage U _N | 600 V |

| | |
|---|-------|
| IECEE CB Scheme  | |
| mm ² /AWG/kcmil | 16 |
| Nominal current I _N | 76 A |
| Nominal voltage U _N | 500 V |

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Approvals

