

HDFKV 10

Order No.: 0709013



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Feed-through terminal block, with internal and external screw connection, external for vertical conductor connection, for 1 - 4 mm thick housing panels

| Commercial data | |
|--------------------------|--------------------|
| EAN | 4017918004873 |
| Pack | 50 Pcs. |
| Customs tariff | 85369010 |
| Weight/Piece | 0.0217 KG |
| Catalog page information | Page 409 (CL-2007) |

Product notes

WEEE/RoHS-compliant since:
09/01/2005



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| Technical data | |
|-----------------------|------|
| General | |
| Number of levels | 1 |
| Number of connections | 2 |
| Color | gray |
| Insulating material | PA |

| | |
|---|--|
| Inflammability class acc. to UL 94 | V0 |
| Dimensions | |
| Width | 10.1 mm |
| Technical data | |
| Maximum load current | 76 A |
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Surge voltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I_N | 76 A |
| Nominal voltage U_N | 400 V (With metal panels of 1 mm ... 2.5 mm) |
| | 250 V (With metal panels over 2.5 mm ... 5 mm) |
| | 400 V (With plastic panels of 1 mm ... 4 mm) |
| Connection data | |
| Conductor cross section solid min. | 0.5 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section stranded min. | 0.5 mm ² |
| Conductor cross section stranded max. | 10 mm ² |
| Conductor cross section AWG/kcmil min. | 20 |
| Conductor cross section AWG/kcmil max | 6 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 10 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 10 mm ² |
| 2 conductors with same cross section, solid min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.5 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. | 2.5 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 |
| Cross-section with insertion bridge, solid max. | 10 mm ² |
| 2 conductors with same cross section, solid max. | 4 mm ² |
| Cross-section with insertion bridge, stranded max. | 10 mm ² |
| 2 conductors with same cross section, stranded max. | 4 mm ² |
| Type of connection | Screw connection |
| Stripping length | 11 mm |
| Internal cylindrical gage | B6 |
| Screw thread | M4 |
| Tightening torque, min | 1.5 Nm |
| Tightening torque max | 1.8 Nm |

Certificates / Approvals

Approval logo



CSA

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 65 A |
| AWG/kcmil | 22-6 |

CUL

| | |
|--------------------------------|-------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 65 A |
| AWG/kcmil | 24-6 |

UL

| | |
|--------------------------------|------------------------------|
| Nominal voltage U _N | 300 V |
| Nominal current I _N | 65 A |
| AWG/kcmil | 24-6 |
| Certification | CB, CSA, CUL, GOST, KEMA, UL |

Accessories

| Item | Designation | Description |
|----------------|-----------------|---|
| Bridges | | |
| 0203153 | EB 2-10 | Insertion bridge, 2-pos., fully insulated |
| 0203328 | EB 3-10 | Insertion bridge, 3-pos., fully insulated |
| 0203137 | EB 10-10 | Insertion bridge, 10-pos., divisible, fully insulated |
| Marking | | |
| 1052002 | ZB 8:UNBEDRUCKT | Zack strip, 10-section, unprinted, for individual labeling with M-PEN, ZB-T or CMS system, sufficient for 100 terminal blocks, for a terminal width of 8.2 mm, color: white |

Drawings

Dimensioned drawing

