

Panel feed-through terminal block - HDFK 25-VP - 0709136

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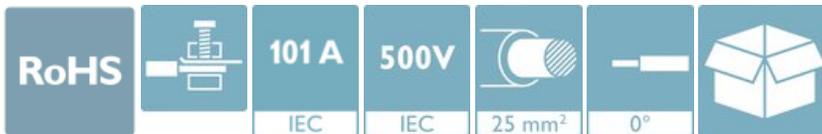


Panel feed-through terminal block, connection method: Screw connection with tension sleeve, Cable lug connection, number of positions: 1, load current: 101 A, cross section: 6 mm² - 35 mm², connection direction of the conductor to plug-in direction: 0 °, width: 15.1 mm, color: gray

The figure shows a 7-position version

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Tool-free snap-in principle enables easy mounting on the device panel
- ✓ Automatic panel thickness compensation enables universal use
- ✓ Reliable seal even with low-viscosity molding compounds



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| GTIN |  4 017918 117009 |
| GTIN | 4017918117009 |
| Weight per Piece (excluding packing) | 48.456 g |
| Custom tariff number | 85369010 |
| Country of origin | Greece |

Technical data

Item properties

| | |
|---------------------------|-----------------------------------|
| Brief article description | Panel feed-through terminal block |
| Range of articles | HDFK 25-VP |

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Technical data

Item properties

| | |
|-----------------------|---------|
| Pitch | 15.1 mm |
| Number of positions | 1 |
| Number of connections | 2 |
| Number of potentials | 1 |

Electrical parameters

| | |
|-----------------------------|---|
| Nominal current | 101 A |
| Nom. voltage | 500 V |
| Maximum load current | 125 A (with 35 mm ² conductor cross section) |
| Rated voltage (III/3) | 500 V |
| Rated surge voltage (III/3) | 6 kV |

Connection capacity, external

| | |
|---|--|
| Connection method | Screw connection with tension sleeve |
| Connection direction of the conductor to plug-in direction | 0 ° |
| Conductor cross section solid | 6 mm ² ... 35 mm ² |
| Conductor cross section flexible | 10 mm ² ... 25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve | 4 mm ² ... 25 mm ² |
| Conductor cross section, flexible, with ferrule, with plastic sleeve | 4 mm ² ... 25 mm ² |
| 2 conductors with same cross section, solid | 2.5 mm ² ... 10 mm ² |
| 2 conductors with same cross section, flexible | 4 mm ² ... 10 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 2.5 mm ² ... 10 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 2.5 mm ² ... 10 mm ² |
| Internal cylindrical gage | B8 |
| Stripping length | 19 mm |
| Torque | 4 Nm ... 4.5 Nm |

Connection capacity, internal

| | |
|--|----------------------|
| Connection method | Cable lug connection |
| Connection direction of the conductor to plug-in direction | 0 ° |
| Cable lug connection according to standard | M6 6 Nm 8 Nm |

Material data - contact

| | |
|-------------------------|---|
| Note | WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/ JEDEC JESD 201 |
| Contact material | Cu alloy |
| Surface characteristics | tin-plated |

Material data - housing

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Material data - housing

| | |
|---|-------------|
| Housing color | gray (7042) |
| Insulating material | PA |
| Insulating material group | I |
| CTI according to IEC 60112 | 600 |
| Flammability rating according to UL 94 | V0 |
| Glow wire flammability index GWFI according to EN 60695-2-12 | 850 |
| Glow wire ignition temperature GWIT according to EN 60695-2-13 | 775 |
| Temperature for the ball pressure test according to EN 60695-10-2 | 125 °C |

Dimensions for the product

| | |
|--------------|--|
| Caption | Schematische Abbildung - weitere Details siehe Produktfamilienzeichnung im Download Center |
| Length [l] | 68.6 mm |
| Width [w] | 15.1 mm |
| Height [h] | 48.5 mm |
| Pitch | 15.1 mm |

Packaging information

| | |
|----------------------------|---------------------|
| Type of packaging | packed in cardboard |
| Pieces per package | 50 |
| Denomination packing units | Pcs. |

Electrical tests

| | |
|-------------------------|--------|
| Rated current | 101 A |
| Conductor cross section | 25 mm² |

Air clearances and creepage distances

| | |
|---|--------|
| Minimum clearance - inhomogeneous field (III/3) | 5.5 mm |
| Minimum creepage distance value (III/3) | 6.3 mm |

Standards and Regulations

| | |
|--|--|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0 |
| Safety note | <ul style="list-style-type: none"> • Only electrically qualified personnel may install and operate the product. To recognize and prevent danger, the qualified personnel must be familiar with the basics of electrical engineering. |
| | <ul style="list-style-type: none"> • Observe the technical data provided here and refer to the documents listed under "Downloads". The download area contains important information, such as installation notes, technical drawings, and 3D data. |

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Standards and Regulations

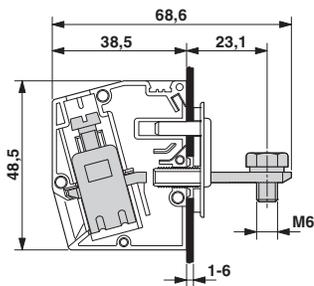
| | |
|--|--|
| | <ul style="list-style-type: none"> The cable entry funnel is not safe to touch. Never connect or disconnect the terminal when it is energized. Take appropriate steps to ensure touch protection. |
| | <ul style="list-style-type: none"> To maintain the nominal voltage, align the cable lugs straight and centered, and cast the terminals on the inside. |
| | <ul style="list-style-type: none"> # There is no electrical contact to the housing. Make sure that protective grounding is provided for green/yellow color variants and articles marked with PE. |

Environmental Product Compliance

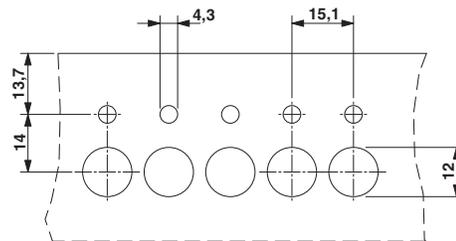
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Dimensional drawing



Dimensional drawing



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27141134 |
| eCl@ss 11.0 | 27141134 |
| eCl@ss 4.0 | 27141100 |
| eCl@ss 4.1 | 27141100 |
| eCl@ss 5.0 | 27141100 |
| eCl@ss 5.1 | 27141100 |
| eCl@ss 6.0 | 27141100 |
| eCl@ss 7.0 | 27141134 |
| eCl@ss 9.0 | 27141134 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001283 |
| ETIM 3.0 | EC001283 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC001283 |
| ETIM 6.0 | EC001283 |
| ETIM 7.0 | EC001283 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11 | 39121410 |
| UNSPSC 12.01 | 39121410 |
| UNSPSC 13.2 | 39121410 |
| UNSPSC 18.0 | 39121410 |
| UNSPSC 19.0 | 39121410 |
| UNSPSC 20.0 | 39121410 |
| UNSPSC 21.0 | 39121410 |

Approvals

Approvals

Approvals

CSA / UL Recognized / KEMA-KEUR / IECCE CB Scheme / EAC

Ex Approvals

Approval details

| | | | |
|----------------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services-industries/product-listing/ | 13631 |
| | B | C | |
| Nominal voltage UN | 600 V | 600 V | |
| Nominal current IN | 100 A | 100 A | |
| mm ² /AWG/kcmil | 8-2 | 8-2 | |

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Approvals

| | | | |
|----------------------------|-------|---|-----------------|
| UL Recognized | | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19890329 |
| | B | C | |
| Nominal voltage UN | 600 V | 600 V | |
| Nominal current IN | 115 A | 115 A | |
| mm ² /AWG/kcmil | 8-2 | 8-2 | |

| | | | |
|-----------|--|---|------------|
| KEMA-KEUR | | http://www.dekra-certification.com | 2169260.02 |
|-----------|--|---|------------|

| | | | |
|-----------------|--|---|----------|
| IECEE CB Scheme | | http://www.iecee.org/ | NL-29946 |
|-----------------|--|---|----------|

| | | | |
|-----|--|--|---------|
| EAC | | | B.01687 |
|-----|--|--|---------|

Accessories

Accessories

Screwdriver tools

Screwdriver - SZS 1,0X6,5 VDE - 1205079



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip