

Panel feed-through terminal block - HDFK 4 - 0707086


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Panel feed-through terminal block, Connection method: Screw connection, Screw connection, Load current : 41 A, Cross section: 0.2 mm² - 6 mm², AWG 24 - 10, Connection direction of the conductor to plug-in direction: 0 °, Width: 8.1 mm, Color: gray



Key Commercial Data

| | |
|--------------------------------------|--|
| Packing unit | 50 pc |
| GTIN |  4 017918 003869 |
| Weight per Piece (excluding packing) | 8.54 g |
| Custom tariff number | 85369010 |
| Country of origin | Greece |

Technical data

General

| | |
|--|--|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 4 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 6 kV |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I _N | 32 A |
| Maximum load current | 41 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 ... 4 mm) |
| | 400 V (With plastic panels of 1 mm ... 4 mm) |

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Technical data

General

| | |
|---------------------|------|
| Open side panel | nein |
| Number of positions | 0 |

Dimensions

| | |
|-----------------|---------------|
| Width | 8.1 mm |
| Plate thickness | 1 mm ... 4 mm |

Connection data

| | |
|---|----------------------|
| Connection side | Level 1 ext. 1 |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 4 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1.5 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. | 2.5 mm ² |
| Cross section with insertion bridge, solid max. | 4 mm ² |
| Cross section with insertion bridge, stranded max. | 2.5 mm ² |
| Stripping length | 9 mm |
| Internal cylindrical gage | A4 |
| Screw thread | M3 |
| Tightening torque, min | 0.6 Nm |
| Tightening torque max | 0.8 Nm |
| Connection side | Level 1 int. 1 |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 6 mm ² |

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Technical data

Connection data

| | |
|---------------------------------------|---------------------|
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 4 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 10 |
| Internal cylindrical gage | A4 |

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-1 |
| | IEC / EN |
| 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

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

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Approvals

Ex Approvals

Approvals submitted

Approval details

| | |
|--------------------------------|-------|
| CSA | |
| mm ² /AWG/kcmil | 22-10 |
| Nominal current I _N | 30 A |
| Nominal voltage U _N | 300 V |

| | |
|---------------|--|
| UL Recognized | |
|---------------|--|

| | |
|--------------------------------|-------|
| KEMA-KEUR | |
| mm ² /AWG/kcmil | 4 |
| Nominal current I _N | 32 A |
| Nominal voltage U _N | 250 V |

| | |
|----------------|--|
| cUL Recognized | |
|----------------|--|

| | |
|-----|--|
| PRS | |
|-----|--|

| | |
|--------------------------------|-------|
| IECEE CB Scheme | |
| mm ² /AWG/kcmil | 4 |
| Nominal current I _N | 32 A |
| Nominal voltage U _N | 250 V |

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Approvals

EAC

| cULus Recognized | | |
|--------------------------------|-------|-------|
| | B | D |
| mm ² /AWG/kcmil | 30-10 | 30-10 |
| Nominal current I _N | 30 A | 10 A |
| Nominal voltage U _N | 300 V | 300 V |

cULus Recognized

Accessories

Accessories

Insertion bridge

Insertion bridge - EBS 2- 8 - 3118151

Insertion bridge, Number of positions: 2, Color: gray



Insertion bridge - EBS 3- 8 - 3118148

Insertion bridge, Number of positions: 3, Color: gray



Insertion bridge - EBS 10- 8 - 3118135

Insertion bridge, Number of positions: 10, Color: gray



Screwdriver tools

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Accessories

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

Marker for terminal blocks - UC-TM 6 - 0818085



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 5.6 x 10.5 mm

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Marker for terminal blocks - TMT 6 R - 0816498



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Perforated, Mounting type: Snap into universal marker groove, Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 6.35 x 6.15 mm

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Accessories

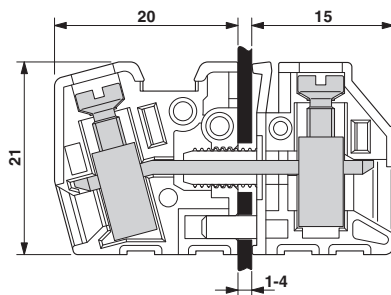
Marker for terminal blocks - TMT (EX9,5)R - 0828295



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Mounting type: Snap into universal marker groove, Snap into tall marker groove, Lettering field: 9.5 x 50000 mm

Drawings

Dimensional drawing



Dimensional drawing

