

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 - 12, Connection direction of the conductor to plug-in direction: 0 °, Width: 8.1 mm, Color: gray

Key commercial data

| | |
|------------------|---------------|
| package_quantity | 50 |
| GTIN | 4017918003869 |

Technical data

General

| | |
|---|------|
| Number of levels | 1 |
| Number of connections | 2 |
| Color | gray |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |

General

| | |
|----------------------------------|--|
| 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 | 32 A |
| Nominal voltage U _N | 400 V (With metal panels of 1 mm ... 2.5 mm) |
| Nominal voltage U _N | 250 V (With metal panels over 2.5 mm ... 4 mm) |
| Nominal voltage U _N | 400 V (With plastic panels of 1 mm ... 4 mm) |
| Open side panel | nein |
| Number of positions | 0 |

Dimensions

| | |
|-------|--------|
| Width | 8.1 mm |
|-------|--------|

Connection data

| | |
|------------------------------------|---------------------|
| Connection side | Level 1 ext. 1 |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm ² |

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Technical data

Connection data

| | |
|---|----------------------|
| Conductor cross section solid max. | 6 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 4 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, 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 |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 10 |
| Internal cylindrical gage | A4 |

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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

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / PRS / IECCE CB Scheme / GOST / cULus Recognized /

Approval details

| | |
|---|-------|
|  | |
| Nominal voltage UN | 300 V |
| Nominal current IN | 30 A |
| mm ² /AWG/kcmil | 22-10 |

| | | |
|---|----------|----------|
|  | | |
| Usegroups | B | D |
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 30 A | 10 A |
| mm ² /AWG/kcmil | 30-10 | 30-10 |

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approvals

KEMA-KEUR

| | |
|----------------------------|-------|
| Nominal voltage UN | 250 V |
| Nominal current IN | 32 A |
| mm ² /AWG/kcmil | 4 |

cUL Recognized

| Usegroups | B | D |
|----------------------------|-------|-------|
| Nominal voltage UN | 300 V | 300 V |
| Nominal current IN | 30 A | 10 A |
| mm ² /AWG/kcmil | 30-10 | 30-10 |

GOST

PRS

IECEE CB Scheme

| | |
|----------------------------|-------|
| Nominal voltage UN | 250 V |
| Nominal current IN | 32 A |
| mm ² /AWG/kcmil | 4 |

cULus Recognized

accessories

Terminal marking

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accessories

ZB 6:UNBEDRUCKT - 1051003



UC-TM 6 - 0818085



ZBF 6:UNBEDRUCKT - 0808710



TMT 6 R - 0816498



TMT (EX9,5)R - 0828295



Screwdriver tools

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accessories

SZS 0,6X3,5 - 1205053



Bridge

EBS 2- 8 - 3118151



EBS 3- 8 - 3118148



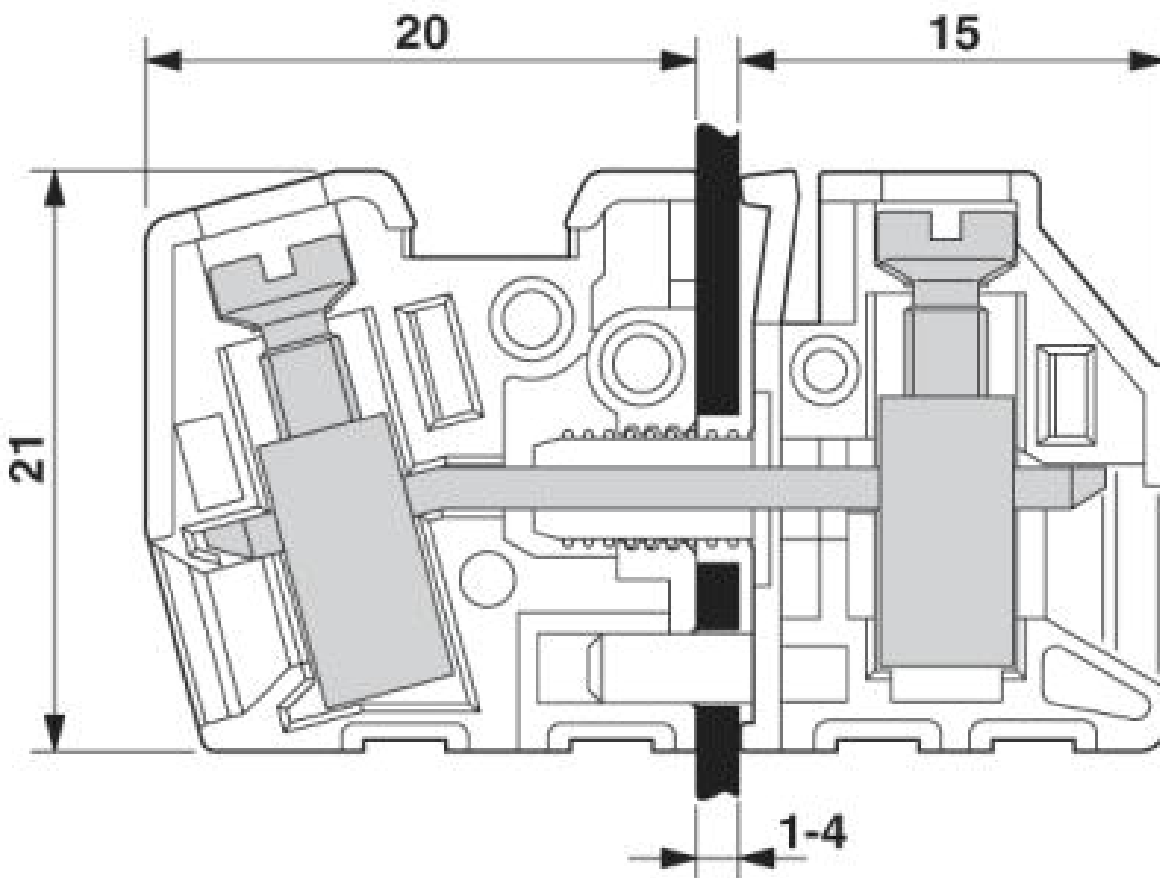
EBS 10- 8 - 3118135



Drawings

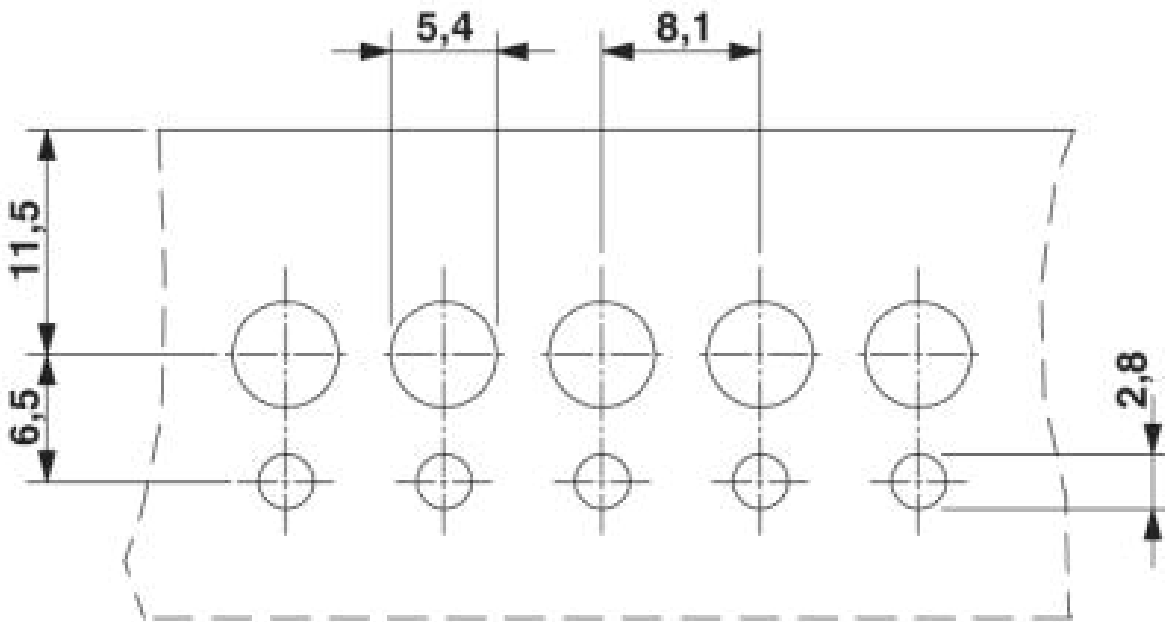
Panel feed-through terminal block - HDFK 4 - 0707086

Dimensioned drawing



Panel feed-through terminal block - HDFK 4 - 0707086

Dimensioned drawing



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