

HDFK 50

Order No.: 0708739



Panel Feed-through terminal block, with internal and external screw connection, for 1-6 mm thick housing panels

Commercial data

EAN	4017918004750
Pack	10 Pcs.
Customs tariff	85369010
Weight/Piece	0.12645 KG
Catalog page information	Page 407 (CL-2007)

Product notes

WEEE/RoHS-compliant since:
10/24/2005



[http://
www.download.phoenixcontact.com](http://www.download.phoenixcontact.com)
Please note that the data given
here has been taken from the
online catalog. For comprehensive
information and data, please refer
to the user documentation. The
General Terms and Conditions of
Use apply to Internet downloads.

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	18.8 mm
-------	---------

Technical data

Maximum load current	150 A
Rated surge voltage	8 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	150 A
Nominal voltage U_N	690 V

Connection data

Conductor cross section solid min.	16 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section stranded min.	16 mm ²
Conductor cross section stranded max.	50 mm ²
Conductor cross section AWG/kcmil min.	6
Conductor cross section AWG/kcmil max	1/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	10 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	50 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	50 mm ²
2 conductors with same cross section, solid min.	6 mm ²
2 conductors with same cross section, stranded min.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²

2 conductors with same cross section, solid max.	16 mm ²
2 conductors with same cross section, stranded max.	16 mm ²
Type of connection	Screw connection
Stripping length	24 mm
Internal cylindrical gage	B10
Screw thread	M6
Tightening torque, min	6 Nm
Tightening torque max	8 Nm

Certificates / Approvals



CSA

Nominal voltage U _N	600 V
Nominal current I _N	125 A

UL

Nominal voltage U _N	600 V
Nominal current I _N	150 A
AWG/kcmil	6-1/0
Certification	CB, CSA, GOST, KEMA, PRS, UL

Accessories

Item	Designation	Description
------	-------------	-------------

Marking

1050525	ZB10:SO/CMS	Zack strip, 10-section, divisible, special printing, marking according to customer requirements
---------	-------------	---

Plug/Adapter

3009228	UKH 50 EP	Insertion profile, levels out the prism-shaped sleeve base when using flat conductors
---------	-----------	---

Tools

1205082	SZS 1,2X8,0	Screwdriver, bladed, matches all screw terminal blocks with 35 mm ² up to 70 mm ² connection cross section, blade width: 8.0 mm
---------	-------------	---

Drawings

Dimensioned drawing

