

<https://www.phoenixcontact.com/cn/products/0708988>

Panel feed-through terminal block - HDFK 50-VP-DP - 0708988

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Panel feed-through terminal block, Connection method: Screw connection, Cable lug connection, Load current : 150 A, Cross section: 16 mm² - 50 mm², AWG 6 - 1/0, Width: 18.8 mm, Color: gray

The figure shows a similar product

Key Commercial Data

Packing unit	10 STK
Minimum order quantity	10 STK
GTIN	 4 017918 004842
GTIN	4017918004842
Custom tariff number	8536909000
Sales Key	AABHDA

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	50 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	8 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	150 A
Maximum load current	150 A
Nominal voltage U _N	690 V

01/06/2017 Page 1 / 4

<https://www.phoenixcontact.com/cn/products/0708988>

Panel feed-through terminal block - HDFK 50-VP-DP - 0708988

Technical data

General

Open side panel	No
Number of positions	1

Dimensions

Width	18.8 mm
-------	---------

Connection data

Note	Terminal sleeve
Connection side	Outside
Connection method	Screw connection
Conductor cross section solid min.	16 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section flexible min.	16 mm ²
Conductor cross section flexible max.	50 mm ²
Conductor cross section AWG min.	6
Conductor cross section AWG max.	1/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	10 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm ²
Conductor cross section flexible, 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, solid max.	16 mm ²
2 conductors with same cross section, stranded min.	10 mm ²
2 conductors with same cross section, stranded max.	16 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
Stripping length	24 mm
Internal cylindrical gage	B10
Screw thread	M6
Tightening torque, min	6 Nm
Tightening torque max	8 Nm
Connection side	Inside
Connection method	Cable lug connection
Conductor cross section solid min.	16 mm ²
Conductor cross section solid max.	50 mm ²
Conductor cross section flexible min.	16 mm ²
Conductor cross section flexible max.	50 mm ²

Panel feed-through terminal block - HDFK 50-VP-DP - 0708988

Technical data

Connection data

Conductor cross section AWG min.	6
Conductor cross section AWG max.	1/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	10 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm²
2 conductors with same cross section, solid min.	6 mm²
2 conductors with same cross section, solid max.	16 mm²
2 conductors with same cross section, stranded min.	10 mm²
2 conductors with same cross section, stranded max.	16 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	6 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm²
Internal cylindrical gage	B10
Screw thread	M8

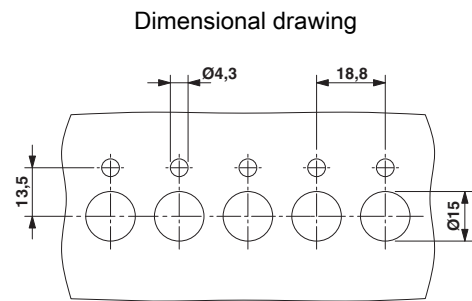
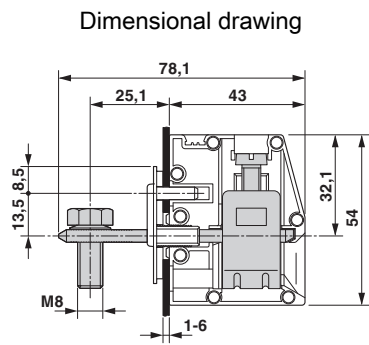
Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V2

Environmental Product Compliance

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

Drawings



<https://www.phoenixcontact.com/cn/products/0708988>

Panel feed-through terminal block - HDFK 50-VP-DP - 0708988

Approvals

Approvals

Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	C	
mm²/AWG/kcmil	6-1/0	6-1/0	
Nominal current I _N	125 A	125 A	
Nominal voltage U _N	600 V	600 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19890329
	B	C	
mm²/AWG/kcmil	6-2/0	6-2/0	
Nominal current I _N	170 A	170 A	
Nominal voltage U _N	600 V	600 V	

EAC		B.01742
-----	---	---------

Phoenix Contact 2017 © - all rights reserved
<http://www.phoenixcontact.com>