

https://www.phoenixcontact.com/cn/products/0707785



PE panel panel feed-through terminal block - HDFK 25-PE - 0707785


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>)



PE panel panel feed-through terminal block, Connection method: Screw connection, Load current : 125 A, Cross section: 6 mm² - 35 mm², AWG 10 - 2, Connection direction of the conductor to plug-in direction: 0 °, Width: 15.1 mm, Color: green-yellow



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 004231
GTIN	4017918004231
Custom tariff number	8536909000
Sales Key	AABFDA

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	25 mm ²
Color	green-yellow
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 60947-7-2
Nominal current I _N	101 A
Maximum load current	125 A
Nominal voltage U _N	500 V
Open side panel	No

<https://www.phoenixcontact.com/cn/products/0707785>

PE panel panel feed-through terminal block - HDFK 25-PE - 0707785

Technical data

General

Number of positions	1
---------------------	---

Dimensions

Width	15.1 mm
-------	---------

Connection data

Note	Terminal sleeve
Connection side	Level 1 ext. 1
Connection method	Screw connection
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.
Conductor cross section solid min.	6 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	10 mm ²
Conductor cross section flexible max.	25 mm ²
Conductor cross section AWG min.	10
Conductor cross section AWG max.	2
Conductor cross section flexible, with ferrule without plastic sleeve min.	4 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	25 mm ²
2 conductors with same cross section, solid min.	2.5 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	4 mm ²
2 conductors with same cross section, stranded max.	10 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	2.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	10 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
Stripping length	19 mm
Internal cylindrical gage	B8
Screw thread	M5
Tightening torque, min	4 Nm
Tightening torque max	4.5 Nm
Conductor cross section solid min.	6 mm ²
Conductor cross section solid max.	35 mm ²
Conductor cross section flexible min.	10 mm ²
Conductor cross section flexible max.	25 mm ²
Conductor cross section AWG min.	10

https://www.phoenixcontact.com/cn/products/0707785



PE panel panel feed-through terminal block - HDFK 25-PE - 0707785

Technical data

Connection data

Conductor cross section AWG max.	2
----------------------------------	---

Standards and Regulations

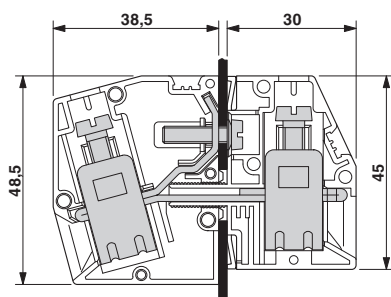
Connection in acc. with standard	CSA
	IEC 60947-7-2
	IEC / EN
Flammability rating according to UL 94	V0

Environmental Product Compliance

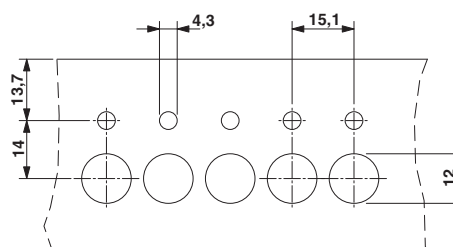
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing



Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

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

<https://www.phoenixcontact.com/cn/products/0707785>



PE panel panel feed-through terminal block - HDFK 25-PE - 0707785


Approvals

	B	C
Nominal voltage UN	600 V	600 V

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

PRS		http://www.prs.pl	TE/1825/880590/09
-----	---	---	-------------------

CCA			6115
-----	--	--	------

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

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	C	
mm ² /AWG/kcmil	8-4	8-4	
Nominal current I _N	100 A	100 A	
Nominal voltage UN	600 V	600 V	

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

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