

Panel feed-through terminal block - HDFKV 95-F - 0709673

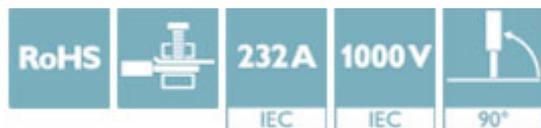
Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Panel feed-through terminal block, connection method: Screw connection, number of positions: 1, load current: 232 A, cross section: 25 mm² - 95 mm², AWG 4 - 3/0, connection direction of the conductor to plug-in direction: 90 °, width: 25 mm, color: gray

Why buy this product

- Easy grouping with engagement pin versions
- Both terminal halves can be easily assembled by simply snapping them together
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- Spacer plates increase clearances and creepage distances
- Universal screw connection with screw locking



Key Commercial Data

Packing unit	10 pc
GTIN	
GTIN	4017918104061

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	95 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	232 A
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I

Panel feed-through terminal block - HDFKV 95-F - 0709673

Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	232 A
Maximum load current	232 A
Nominal voltage U_N	1000 V (With metal panels of 1 mm ... 2.5 mm)
	800 V (With metal panels over 2.5 mm ... 5 mm)
	690 V (With metal panels over 5 mm ... 6 mm)
Open side panel	No
Number of positions	1

Dimensions

Width	25 mm
Pitch	25 mm
Plate thickness	1 mm ... 6 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.	25 mm ²
Conductor cross section solid max.	95 mm ²
Conductor cross section flexible min.	35 mm ²
Conductor cross section flexible max.	95 mm ²
Conductor cross section AWG min.	4
Conductor cross section AWG max.	3/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	35 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	35 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm ²
2 conductors with same cross section, solid min.	16 mm ²
2 conductors with same cross section, solid max.	35 mm ²
2 conductors with same cross section, stranded min.	16 mm ²
2 conductors with same cross section, stranded max.	35 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	16 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	35 mm ²
Stripping length	27 mm
Internal cylindrical gage	B12
Screw thread	M8
Tightening torque, min	15 Nm
Tightening torque max	20 Nm

Panel feed-through terminal block - HDFKV 95-F - 0709673

Technical data

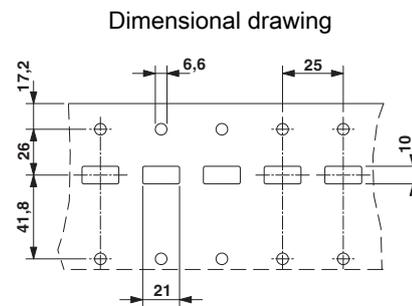
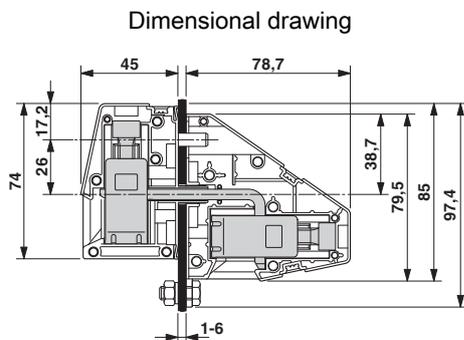
Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings



Approvals

Approvals

Approvals

CSA / UL Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	200 A	200 A	
mm ² /AWG/kcmil	2-4/0	2-4/0	

Panel feed-through terminal block - HDFKV 95-F - 0709673

Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19890329
	B	C	
Nominal voltage UN	600 V	600 V	
Nominal current IN	230 A	230 A	
mm ² /AWG/kcmil	4-4/0	4-4/0	

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

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[0709673](#)