https://www.phoenixcontact.com/cn/products/0709110

Panel feed-through terminal block - HDFK 10-VP - 0709110

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Panel feed-through terminal block, Connection method: Screw connection, Solder connection, Load current : 76 A, Cross section: 0.5 mm² - 16 mm², AWG 20 - 6, Connection direction of the conductor to plug-in direction: 0 °, Width: 10.1 mm, Color: gray

RoHS

Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 004934
GTIN	4017918004934
Custom tariff number	8536909000
Sales Key	AABDDA

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	10 mm²
Color	gray
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 60947-7-1
Nominal current I_N	57 A
Maximum load current	76 A
Nominal voltage U_N	400 V (With metal panels of 1 mm ... 2.5 mm)
	250 V (With metal panels over 2.5 mm ... 4 mm)

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Technical data

General

	400 V (With plastic panels of 1 mm ... 4 mm)
Open side panel	No
Number of positions	1

Dimensions

Width	10.1 mm
Length	42.8 mm

Connection data

Connection side	Outside
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	10 mm²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm²
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²
Cross section with insertion bridge, solid max.	10 mm²
Cross section with insertion bridge, stranded max.	10 mm²
Stripping length	11 mm
Internal cylindrical gage	B6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
Connection side	Inside
Connection method	Solder connection

Standards and Regulations

Panel feed-through terminal block - HDFK 10-VP - 0709110

Technical data

Standards and Regulations

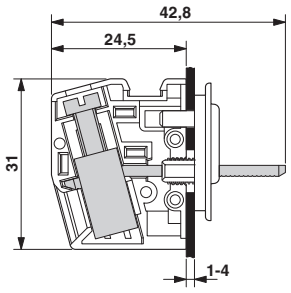
Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

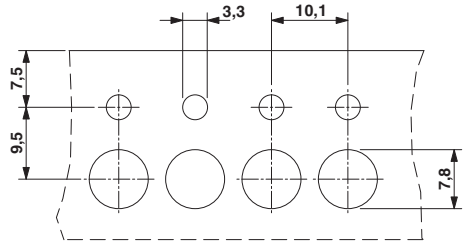
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Dimensional drawing



Dimensional drawing



Approvals

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CSA / KEMA-KEUR / PRS / IECEE CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631

mm²/AWG/kcmil	22-6
Nominal current IN	65 A
Nominal voltage UN	300 V

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Approvals

KEMA-KEUR		http://www.dekra-certification.com	2169260.01

mm²/AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	250 V

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

IECEE CB Scheme		http://www.iecee.org/	NL-29947

mm²/AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	250 V

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870911

	B	D
mm²/AWG/kcmil	24-6	24-6
Nominal current IN	65 A	10 A
Nominal voltage UN	300 V	300 V

EAC		B.01742