

Panel feed-through terminal block - HDFKV 10-VP - 0708946

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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: 90 °, Width: 10.1 mm, Color: gray



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 004804
Weight per Piece (excluding packing)	13.85 g
Custom tariff number	85369010
Country of origin	Greece
Note	Made to Order (non-returnable)

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V2
Maximum load current	76 A
Rated surge voltage	6 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	57 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)
	500 V (With plastic panels of 1 mm ... 4 mm)

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Technical data

General

Open side panel	nein
Number of positions	1

Dimensions

Width	10.1 mm
Length	49.8 mm

Connection data

Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	10 mm ²
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max.	6
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
Cross section with insertion bridge, solid max.	10 mm ²
Cross section with insertion bridge, stranded max.	10 mm ²
Stripping length	10 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

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Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134

ETIM

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

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CSA / UL Recognized / KEMA-KEUR / cUL Recognized / PRS / IECCEB CB Scheme / EAC / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

CSA	
mm ² /AWG/kcmil	22-6


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Approvals


Nominal current IN	65 A
Nominal voltage UN	300 V

UL Recognized 

		B	D
mm ² /AWG/kcmil	24-6	24-6	24-6
Nominal current IN	65 A	65 A	10 A
Nominal voltage UN	300 V	300 V	300 V


KEMA-KEUR 

mm ² /AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	250 V

cUL Recognized 

		B	D
mm ² /AWG/kcmil	24-6	24-6	24-6
Nominal current IN	65 A	65 A	10 A
Nominal voltage UN	300 V	300 V	300 V

PRS


IECEE CB Scheme 

mm ² /AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	250 V

EAC

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Approvals

cULus Recognized 

Accessories

Accessories

Insertion bridge

Insertion bridge - EB 2-10 - 0203153



Insertion bridge, Number of positions: 2, Color: gray

Insertion bridge - EB 3-10 - 0203328



Insertion bridge, Number of positions: 3, Color: gray

Insertion bridge - EB 10-10 - 0203137



Insertion bridge, Number of positions: 10, Color: gray

Screwdriver tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066

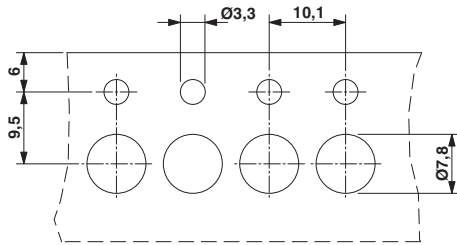


Screwdriver, slot-headed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

Drawings

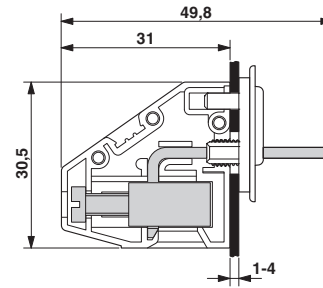
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Dimensioned drawing



Panel feed-through

Dimensioned drawing



Side view