

Panel feed-through terminal block - HDFKV 16-VP GNYE - 0709903

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The illustration shows version HDFKV 16-VP in gray

Panel feed-through terminal block, Connection method: Screw connection, Bolt connection, Load current : 101 A, Cross section: 0.5 mm² - 25 mm², AWG 20 - 4, Connection direction of the conductor to plug-in direction: 90 °, Width: 12.1 mm, Color: green-yellow

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	28.8 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm ²
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	101 A
Rated surge voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Nominal current I _N	76 A
Maximum load current	101 A
Nominal voltage U _N	500 V
Open side panel	nein
Number of positions	1

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Technical data

Dimensions

Width	12.1 mm
Length	63.6 mm

Connection data

Note	Terminal sleeve
Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 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.	6 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
Stripping length	16 mm
Internal cylindrical gage	B7
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.3 Nm
Connection side	Level 1 int. 1
Connection method	Bolt connection
Screw thread	M5
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm

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Technical data

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

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

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UL Recognized / KEMA-KEUR / cUL Recognized / IECCEB CB Scheme / cULus Recognized


Ex Approvals


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Approvals


Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	20-4
Nominal current I _N	85 A
Nominal voltage U _N	600 V

KEMA-KEUR 	
mm ² /AWG/kcmil	16
Nominal current I _N	76 A
Nominal voltage U _N	500 V

cUL Recognized 	
mm ² /AWG/kcmil	20-4
Nominal current I _N	85 A
Nominal voltage U _N	600 V

IECEE CB Scheme 	
mm ² /AWG/kcmil	16
Nominal current I _N	76 A
Nominal voltage U _N	500 V

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