

## 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 mm<sup>2</sup> - 25 mm<sup>2</sup>, 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 <sup>2</sup>
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 <sub>N</sub>	76 A
Maximum load current	101 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	nein
Number of positions	1

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

## 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 <sup>2</sup>
Conductor cross section solid max.	25 mm <sup>2</sup>
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	16 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
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

### Approvals

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#### Approvals

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

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#### Ex Approvals


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## Approvals


Approvals submitted

### Approval details

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	20-4
Nominal current I <sub>N</sub>	85 A
Nominal voltage U <sub>N</sub>	600 V

KEMA-KEUR 	
mm <sup>2</sup> /AWG/kcmil	16
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	500 V

cUL Recognized 	
mm <sup>2</sup> /AWG/kcmil	20-4
Nominal current I <sub>N</sub>	85 A
Nominal voltage U <sub>N</sub>	600 V

IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	16
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	500 V

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### Approvals



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