

## Panel feed-through terminal block - HDFKV 16-VP/Z - 0714147

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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>, Connection direction of the conductor to plug-in direction: 90 °, Width: 12.1 mm, Color: gray



### Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Custom tariff number	85369010
Country of origin	Greece

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	101 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 <sub>N</sub>	76 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/Z - 0714147

### 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 stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	16 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	4
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, 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	B 7
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

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## Technical data

### Connection data

Tightening torque max	3 Nm
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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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#### Approvals

UL Recognized / cUL Recognized / PRS / GOST / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approvals

### Approval details

UL Recognized

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

cUL Recognized

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

PRS

GOST

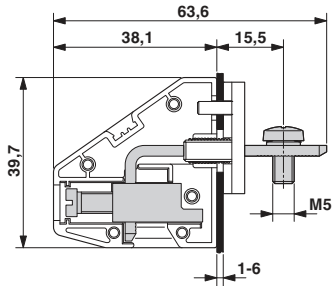
GOST

cULus Recognized

## Drawings

## Panel feed-through terminal block - HDFKV 16-VP/Z - 0714147

Dimensioned drawing



Dimensioned drawing

