

## Panel feed-through terminal block - HDFKV 16 - 3001734

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Panel feed-through terminal block, Connection method: Screw 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: gray



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 117559
Weight per Piece (excluding packing)	41.76 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	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross section)
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 <sub>N</sub>	76 A

# Panel feed-through terminal block - HDFKV 16 - 3001734

## Technical data

### General

Maximum load current	101 A (with 25 mm <sup>2</sup> conductor cross section)
Nominal voltage U <sub>N</sub>	500 V
Open side panel	No
Number of positions	1

### Dimensions

Width	12.1 mm
Plate thickness	1 mm ... 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

## Panel feed-through terminal block - HDFKV 16 - 3001734

### Technical data

#### Standards and Regulations

Connection in acc. with standard	CUL
	IEC 60947-7-1
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
eCl@ss 9.0	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

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

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#### Ex Approvals

## Panel feed-through terminal block - HDFKV 16 - 3001734

### Approvals

Approvals submitted

#### Approval details

KEMA-KEUR 	
mm <sup>2</sup> /AWG/kcmil	16
Nominal current IN	76 A
Nominal voltage UN	500 V

PRS
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IECEE CB Scheme 	
mm <sup>2</sup> /AWG/kcmil	16
Nominal current IN	76 A
Nominal voltage UN	500 V

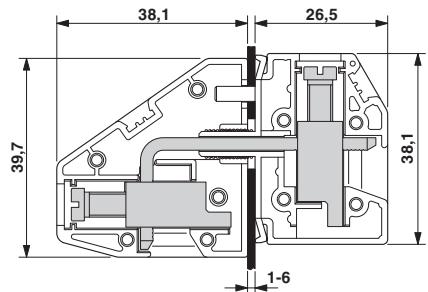
EAC
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cULus Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	20-4	20-4	20-4
Nominal current IN	85 A	85 A	10 A
Nominal voltage UN	300 V	150 V	300 V

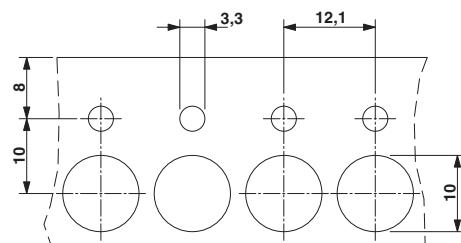
### Drawings

## Panel feed-through terminal block - HDFKV 16 - 3001734

Dimensional drawing



Dimensional drawing



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