

## Panel feed-through terminal block - HDFK 16-VP - 0709796

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Panel feed-through terminal block, Connection method: Screw connection, Cable lug 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: 0 °, Width: 12.1 mm, Color: gray



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	27.3 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
Rated surge voltage	6 kV
Pollution degree	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
Maximum load current	101 A
Nominal voltage U <sub>N</sub>	500 V
Open side panel	nein
Number of positions	1

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## Technical data

### Dimensions

Width	12.1 mm
Length	58 mm

### Connection data

Note	Terminal sleeve
Connection side	Outside
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	Inside
Connection method	Cable lug 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
	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

### 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 / PRS / IEC60947-7-1 / EAC / cULus Recognized

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#### Ex Approvals


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## Approvals

Approvals submitted


### 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


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 

		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

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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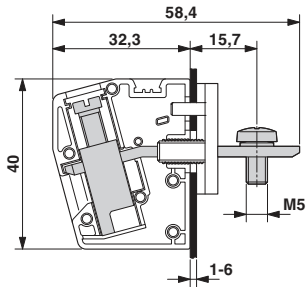
## Approvals

EAC

cULus Recognized US

## Drawings

Dimensional drawing



Dimensional drawing

