

# Feed-through terminal block - HDFKV 10 - 0709013


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Feed-through terminal block, Connection method: Screw connection, Load current : 76 A, Cross section: 0.5 mm<sup>2</sup> - 16 mm<sup>2</sup>, AWG 20 - 8, Connection direction of the conductor to plug-in direction: 90 °, Width: 10.1 mm, Color: gray



## Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 629 (CC-2009)
GTIN	 4 017918 004873
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

### Dimensions

Width	10.1 mm
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### Technical data

Maximum load current	76 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>	57 A
Nominal voltage U <sub>N</sub>	400 V (With metal panels of 1 mm ... 2.5 mm)

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## Technical data

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Nominal voltage UN	250 V (With metal panels over 2.5 mm ... 5 mm)
Nominal voltage UN	400 V (With plastic panels of 1 mm ... 4 mm)
Open side panel	nein

### Connection data

Conductor cross section solid min.	0.5 mm <sup>2</sup>
Conductor cross section solid max.	16 mm <sup>2</sup>
Conductor cross section stranded min.	0.5 mm <sup>2</sup>
Conductor cross section stranded max.	10 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	20
Conductor cross section AWG/kcmil max	6
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.	10 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.	10 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.	4 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.	4 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.	2.5 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>
Cross section with insertion bridge, solid max.	10 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	10 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	11 mm
Internal cylindrical gage	B 6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

## Classifications

### eclass

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134

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## Classifications

### eclass

eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	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


#### Approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / GOST / IECCE CB Scheme / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

	
mm <sup>2</sup> /AWG/kcmil	22-6
Nominal current I <sub>N</sub>	65 A
Nominal voltage U <sub>N</sub>	300 V

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## Approvals

UL Recognized

		B	C	D
mm <sup>2</sup> /AWG/kcmil	24-6	24-6	24-6	24-6
Nominal current I <sub>N</sub>	65 A	65 A	65 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V	150 V	300 V

KEMA-KEUR

mm <sup>2</sup> /AWG/kcmil	10
Nominal current I <sub>N</sub>	57 A
Nominal voltage U <sub>N</sub>	250 V

cUL Recognized

		B	C	D
mm <sup>2</sup> /AWG/kcmil	24-6	24-6	24-6	24-6
Nominal current I <sub>N</sub>	65 A	65 A	65 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V	150 V	300 V

GOST

IECEE CB Scheme

mm <sup>2</sup> /AWG/kcmil	10
Nominal current I <sub>N</sub>	57 A
Nominal voltage U <sub>N</sub>	250 V

GOST

cULus Recognized

## Feed-through terminal block - HDFKV 10 - 0709013

### Accessories

#### Accessories

#### Bridges

Insertion bridge - EB 2-10 - 0203153



Insertion bridge, Number of positions: 2, Color: gray

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Insertion bridge - EB 3-10 - 0203328



Insertion bridge, Number of positions: 3, Color: gray

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Insertion bridge - EB 10-10 - 0203137



Insertion bridge, Number of positions: 10, Color: gray

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### Marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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### Tools

Screwdriver - SZS 1,0X4,0 VDE - 1205066



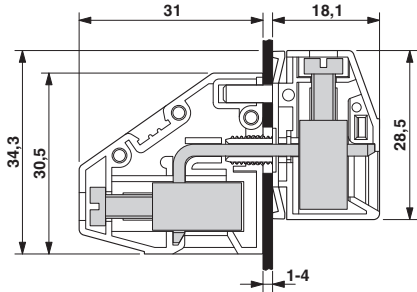
Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip

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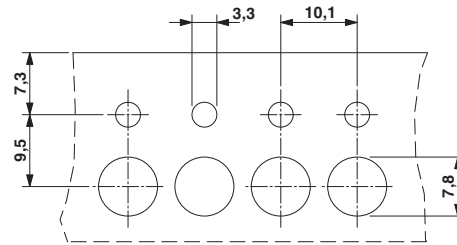
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## Drawings

Dimensioned drawing



Dimensioned drawing



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