

<https://www.phoenixcontact.com/cn/products/0709013>


## Panel feed-through terminal block - HDFKV 10 - 0709013

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Panel 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 - 6, Connection direction of the conductor to plug-in direction: 90 °, Width: 10.1 mm, Color: gray

### Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 004873
GTIN	4017918004873
Custom tariff number	8536901900
Sales Key	AABDDA

### Technical data

#### General

Number of levels	1
Number of connections	2
Nominal cross section	10 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	76 A
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>	57 A
Maximum load current	76 A
Nominal voltage U <sub>N</sub>	400 V (With metal panels of 1 mm ... 2.5 mm)

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## Panel feed-through terminal block - HDFKV 10 - 0709013

### Technical data

#### General

	250 V (With metal panels over 2.5 mm ... 5 mm)
	400 V (With plastic panels of 1 mm ... 4 mm)
Open side panel	No
Number of positions	1

#### Dimensions

Width	10.1 mm
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#### Connection data

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.	16 mm <sup>2</sup>
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	20
Conductor cross section AWG max.	6
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.	10 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.	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>
Stripping length	11 mm
Internal cylindrical gage	B6
Screw thread	M4
Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm

#### Standards and Regulations

Connection in acc. with standard	CSA
	IEC 60947-7-1

# Panel feed-through terminal block - HDFKV 10 - 0709013

## Technical data

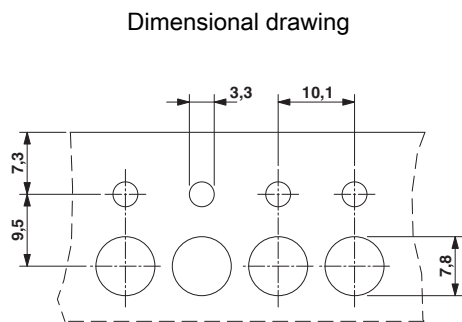
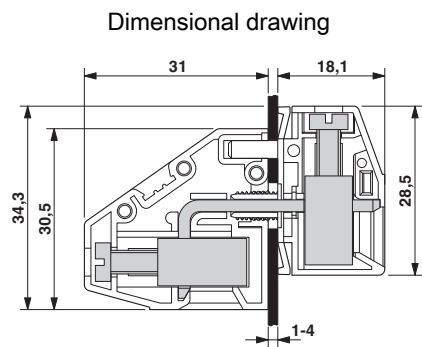
### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings



## Approvals


### Approvals

#### Approvals

CSA / KEMA-KEUR / IECEx CB Scheme / cULus Recognized / EAC

#### Ex Approvals


### Approval details


CSA		<a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a>	13631
mm²/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

KEMA-KEUR		<a href="http://www.dekra-certification.com">http://www.dekra-certification.com</a>	2169260.01
mm²/AWG/kcmil	10		
Nominal current I <sub>N</sub>	57 A		
Nominal voltage U <sub>N</sub>	250 V		

IECEE CB Scheme			<a href="http://www.iecee.org/">http://www.iecee.org/</a>	NL-29947	
mm²/AWG/kcmil					10
Nominal current I <sub>N</sub>					57 A
Nominal voltage U <sub>N</sub>					250 V

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-19870911
	B	C	D
mm <sup>2</sup> /AWG/kcmil	24-6	24-6	24-6
Nominal current I <sub>N</sub>	65 A	65 A	10 A
Nominal voltage U <sub>N</sub>	300 V	150 V	300 V

EAC		B.01742
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