

HDFKV 10

Order No.: 0709013



<http://eshop.phoenixcontact.se/phoenix/treeViewClick.do?UID=0709013>

Feed-through terminal block, Connection method: Screw connection,
Load current : 76 A, Cross section: 0.5 mm² - 16 mm², AWG 20 - 8,
Connection direction of the conductor to plug-in direction: 90 °,
Width: 10.1 mm, Color: gray

Commercial data

EAN	
Pack	50
Customs tariff	85369010
Catalog page information	Page 629 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
2005-09-01



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

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_N	57 A
Nominal voltage U_N	400 V (With metal panels of 1 mm ... 2.5 mm)
	250 V (With metal panels over 2.5 mm ... 5 mm)
	400 V (With plastic panels of 1 mm ... 4 mm)
Open side panel	nein

Connection data

Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.5 mm ²
Conductor cross section stranded max.	10 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	4 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	4 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²
Cross section with insertion bridge, solid max.	10 mm ²
Cross section with insertion bridge, stranded max.	10 mm ²
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

Certificates



Certification

CB, CSA, CUL, DEKRA NL, GOST, UL

Certifications applied for:

Certification Ex:

Accessories

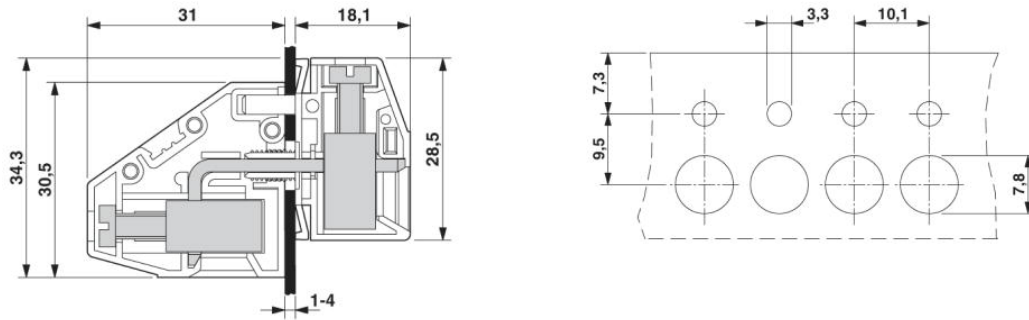
Item	Designation	Description
Bridges		
0203153	EB 2-10	Insertion bridge, Number of positions: 2, Color: gray
0203328	EB 3-10	Insertion bridge, Number of positions: 3, Color: gray
0203137	EB 10-10	Insertion bridge, Number of positions: 10, Color: gray
Marking		
1052002	ZB 8:UNBEDRUCKT	Zack marker strip, 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

Tools

1205066	SZS 1,0X4,0 VDE	Screwdriver, bladed, VDE insulated, size: 1.0 x 4.0 x 100 mm, 2-component grip, with non-slip grip
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Drawings

Dimensioned drawing



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