

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 mm² - 16 mm², AWG 20 - 8, Connection direction of the conductor to plug-in direction: 90 °, Width: 10.1 mm, Color: gray

Key commercial data

package_quantity	50
GTIN	4017918004873

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0

General

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

Panel feed-through terminal block - HDFKV 10 - 0709013

Technical data

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
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

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

Panel feed-through terminal block - HDFKV 10 - 0709013

classifications

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

CSA / UL Recognized / KEMA-KEUR / GOST / IEC EE CB Scheme / GOST /

Approval details

CSA	
Nominal voltage UN	300 V
Nominal current IN	65 A
mm ² /AWG/kcmil	22-6

UL Recognized				
Usegroups	B	C	D	
Nominal voltage UN	300 V	150 V	300 V	300 V
Nominal current IN	65 A	65 A	10 A	65 A
mm ² /AWG/kcmil	24-6	24-6	24-6	24-6

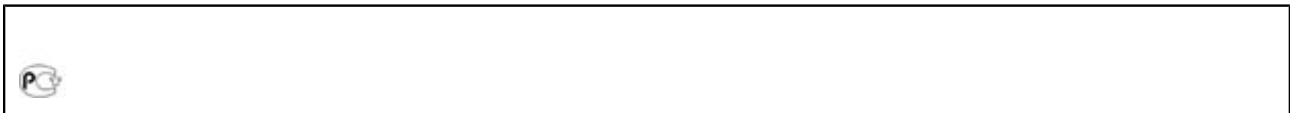
KEMA-KEUR	
Nominal voltage UN	250 V
Nominal current IN	57 A
mm ² /AWG/kcmil	10

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approvals



IECEE CB Scheme	
Nominal voltage UN	250 V
Nominal current IN	57 A
mm ² /AWG/kcmil	10



accessories

Terminal marking

ZB 8:UNBEDRUCKT - 1052002



Screwdriver tools

SZS 1,0X4,0 VDE - 1205066



Bridge

Panel feed-through terminal block - HDFKV 10 - 0709013

accessories

EB 2-10 - 0203153



EB 3-10 - 0203328



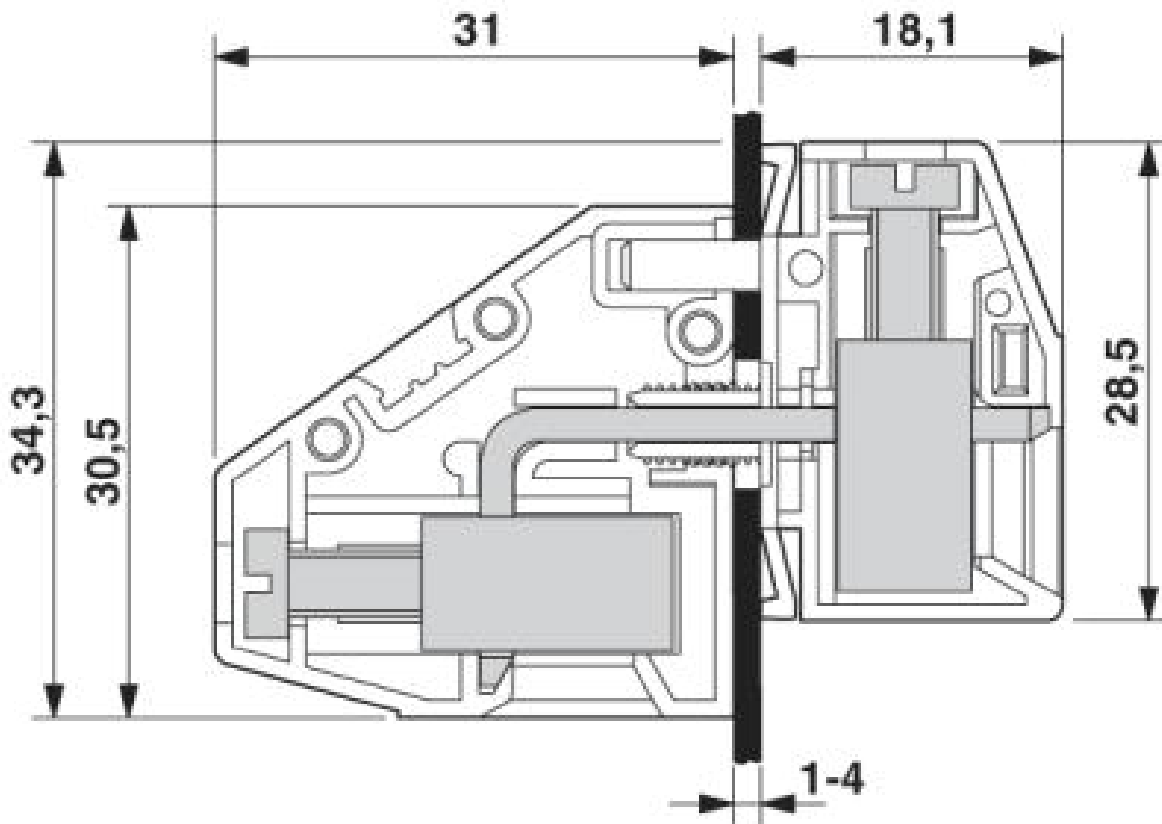
EB 10-10 - 0203137



Drawings

Panel feed-through terminal block - HDFKV 10 - 0709013

Dimensioned drawing



Dimensioned drawing

