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 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

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

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 IN	57 A
Nominal voltage UN	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 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded max.	10 mm²
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 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm²
2 conductors with same cross section, solid min.	0.5 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.5 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm²
Cross section with insertion bridge, solid max.	10 mm²
Cross section with insertion bridge, stranded max.	10 mm²
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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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

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

Ex Approvals

Approvals submitted

Approval details

CSA

mm²/AWG/kcmil	22-6
Nominal current IN	65 A
Nominal voltage UN	300 V

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Approvals

UL Recognized

		B	C	D
mm²/AWG/kcmil	24-6	24-6	24-6	24-6
Nominal current IN	65 A	65 A	65 A	10 A
Nominal voltage UN	300 V	300 V	150 V	300 V

KEMA-KEUR

mm²/AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	250 V

cUL Recognized

		B	C	D
mm²/AWG/kcmil	24-6	24-6	24-6	24-6
Nominal current IN	65 A	65 A	65 A	10 A
Nominal voltage UN	300 V	300 V	150 V	300 V

GOST

IECEE CB Scheme

mm²/AWG/kcmil	10
Nominal current IN	57 A
Nominal voltage UN	250 V

GOST

cULus Recognized

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Accessories

Accessories

Bridges

Insertion bridge - EB 2-10 - 0203153

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

Insertion bridge - EB 3-10 - 0203328

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

Insertion bridge - EB 10-10 - 0203137

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

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

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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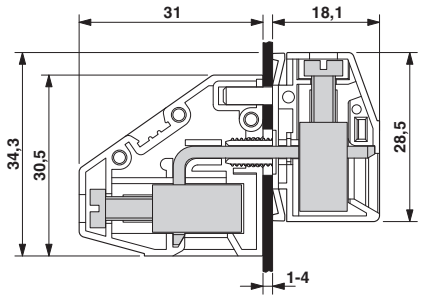
Drawings

Dimensioned drawing



Dimensioned drawing