

Panel feed-through terminal block - HDFKV 10 - 0709013


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Panel feed-through terminal block, connection method: Screw connection, number of positions: 1, load current: 76 A, cross section: 0.5 mm² - 16 mm², AWG 20 - 6, connection direction of the conductor to plug-in direction: 90 °, width: 10.1 mm, color: gray



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 004873
GTIN	4017918004873
Weight per Piece (excluding packing)	21.528 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	10 mm ²
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

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Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Nominal current I_N	57 A
Maximum load current	76 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	No
Number of positions	1

Dimensions

Width	10.1 mm
Pitch	10.1 mm

Connection data

Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	10 mm ²
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 ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, 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

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Technical data

Connection data

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

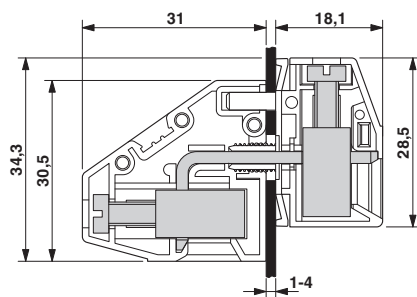
Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

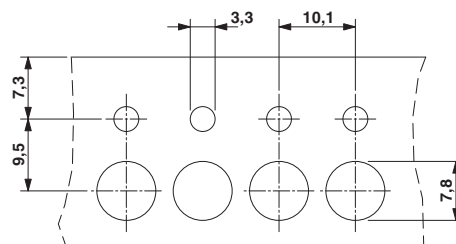
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Dimensional drawing



Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134
eCl@ss 9.0	27141134

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Classifications

ETIM

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283
ETIM 6.0	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 / KEMA-KEUR / IECCE CB Scheme / EAC / cULus Recognized


Ex Approvals


Approval details


CSA		http://www.csagroup.org/services-industries/product-listing/	13631
Nominal voltage UN		300 V	
Nominal current IN		65 A	
mm²/AWG/kcmil		22-6	


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Approvals

KEMA-KEUR		http://www.dekra-certification.com	2169260.01
Nominal voltage UN		250 V	
Nominal current IN		57 A	
mm²/AWG/kcmil		10	

IECEE CB Scheme		http://www.iecee.org/	NL-29947
Nominal voltage UN		250 V	
Nominal current IN		57 A	
mm²/AWG/kcmil		10	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870911
	D	B	C
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	10 A	65 A	65 A
mm²/AWG/kcmil	24-6	24-6	24-6

Accessories

Accessories

Insertion bridge

Insertion bridge - EB 2-10 - 0203153

Insertion bridge, pitch: 10 mm, number of positions: 2, color: gray



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Accessories

Insertion bridge - EB 3-10 - 0203328



Insertion bridge, pitch: 10 mm, number of positions: 3, color: gray

Insertion bridge - EB 10-10 - 0203137



Insertion bridge, pitch: 10 mm, number of positions: 10, color: gray

Screwdriver tools

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



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

Terminal marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm