

Panel feed-through terminal block - HDFK 16 - 3001721

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Panel feed-through terminal block, connection method: Screw connection, number of positions: 1, load current: 101 A, cross section: 0.5 mm² - 25 mm², AWG 20 - 4, connection direction of the conductor to plug-in direction: 0 °, width: 12.1 mm, color: gray



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 107222
GTIN	4017918107222
Weight per Piece (excluding packing)	39.800 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	16 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	101 A (with 25 mm ² conductor cross section)
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 _N	76 A
Maximum load current	101 A (with 25 mm ² conductor cross section)

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Technical data

General

Nominal voltage U_N	500 V
Open side panel	No
Number of positions	1

Dimensions

Width	12.1 mm
Plate thickness	1 mm ... 6 mm

Connection data

Note	Terminal sleeve
Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section flexible min.	0.5 mm ²
Conductor cross section flexible max.	16 mm ²
Conductor cross section AWG min.	20
Conductor cross section AWG max.	4
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 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.	16 mm ²
2 conductors with same cross section, solid min.	0.5 mm ²
2 conductors with same cross section, solid max.	6 mm ²
2 conductors with same cross section, stranded min.	0.5 mm ²
2 conductors with same cross section, stranded max.	6 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.	6 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
Stripping length	16 mm
Internal cylindrical gage	B7
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	2.3 Nm

Standards and Regulations

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

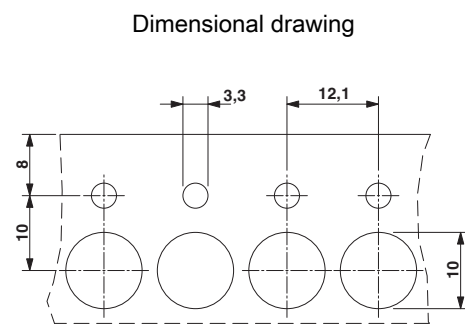
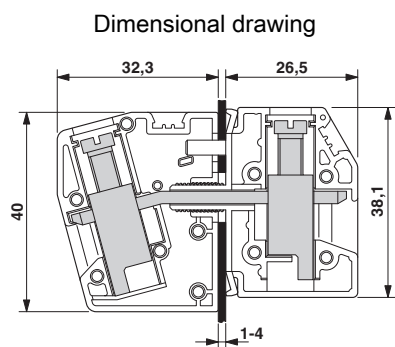
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Technical data

Environmental Product Compliance

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

Drawings



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
eCl@ss 9.0	27141134

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

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Approvals

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KEMA-KEUR / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

KEMA-KEUR		http://www.dekra-certification.com	2169260.01
mm²/AWG/kcmil		16	
Nominal current I _N		76 A	
Nominal voltage U _N		500 V	

IECEE CB Scheme		http://www.iecee.org/	NL-29947
mm²/AWG/kcmil		16	
Nominal current I _N		76 A	
Nominal voltage U _N		500 V	

EAC		EAC-Zulassung
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870911
	B	C	D
mm²/AWG/kcmil	20-4	20-4	20-4
Nominal current I _N	85 A	85 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

Accessories

Accessories

Screwdriver tools

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Accessories

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

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