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Panel feed-through terminal block - HDFK 4 - 0707086


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Panel feed-through terminal block, Connection method: Screw connection, Screw connection, Load current : 41 A, Cross section: 0.2 mm² - 6 mm², AWG 24 - 10, Connection direction of the conductor to plug-in direction: 0 °, Width: 8.1 mm, Color: gray



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 003869
GTIN	4017918003869
Custom tariff number	8536901900
Sales Key	AABBDA

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	4 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
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	32 A
Maximum load current	41 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 ... 4 mm)

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Technical data

General

	400 V (With plastic panels of 1 mm ... 4 mm)
Open side panel	No
Number of positions	0

Dimensions

Width	8.1 mm
Plate thickness	1 mm ... 4 mm

Connection data

Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	4 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	1.5 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.	2.5 mm ²
Cross section with insertion bridge, solid max.	4 mm ²
Cross section with insertion bridge, stranded max.	2.5 mm ²
Stripping length	9 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Connection side	Level 1 int. 1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²

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Technical data

Connection data

Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10
Internal cylindrical gage	A4

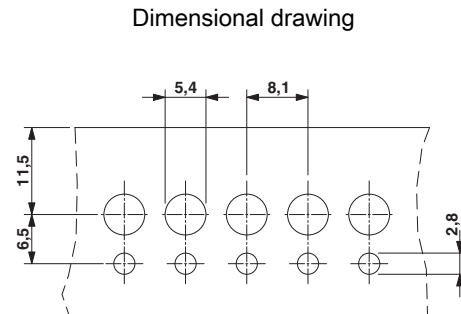
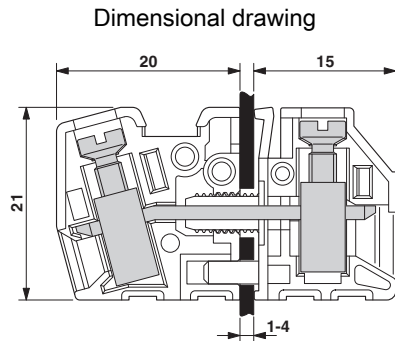
Standards and Regulations

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

Environmental Product Compliance

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

Drawings



Approvals

Approvals

Approvals

CSA / KEMA-KEUR / PRS / IECCEB Scheme / cULus Recognized / EAC

Ex Approvals


Approval details


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Approvals

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm ² /AWG/kcmil		22-10	
Nominal current IN		30 A	
Nominal voltage UN		300 V	

KEMA-KEUR		http://www.dekra-certification.com	2169260.01
mm ² /AWG/kcmil		4	
Nominal current IN		32 A	
Nominal voltage UN		250 V	

PRS		http://www.prs.pl/	TE/1825/880590/09
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IECEE CB Scheme		http://www.iecee.org/	NL-29947
mm ² /AWG/kcmil		4	
Nominal current IN		32 A	
Nominal voltage UN		250 V	

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19870911
	B	D	
mm ² /AWG/kcmil	30-10	30-10	
Nominal current IN	30 A	10 A	
Nominal voltage UN	300 V	300 V	

EAC		B.01742
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