

Panel feed-through terminal block - HDFK 10/Z - 0709754

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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 - 6, Connection direction of the conductor to plug-in direction: 0 °, Width: 10.1 mm, Color: gray

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	21.212 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
Rated surge voltage	6 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
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 ... 4 mm)
	400 V (With plastic panels of 1 mm ... 4 mm)
Open side panel	nein
Number of positions	1

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Technical data

Dimensions

Width	10.1 mm
Length	42.5 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
Stripping length	10 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

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Standards and Regulations

Flammability rating according to UL 94	V0
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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

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

Approvals

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CSA / UL Recognized / cUL Recognized / PRS / EAC / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

CSA	
mm ² /AWG/kcmil	22-6
Nominal current I _N	65 A
Nominal voltage U _N	300 V

UL Recognized			
	B	C	D
mm ² /AWG/kcmil	24-6	24-6	24-6
Nominal current I _N	65 A	65 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

cUL Recognized			
	B	C	D
mm ² /AWG/kcmil	24-6	24-6	24-6
Nominal current I _N	65 A	65 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

PRS

EAC

cULus Recognized			
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