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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
GTIN	4 017918 003852
Weight per Piece (excluding packing)	20.0 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 <sup>2</sup>
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 <sub>N</sub>	57 A
Maximum load current	76 A



## Technical data

#### General

Nominal voltage U <sub>N</sub>	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	No	
Number of positions	1	

#### Dimensions

Width	10.1 mm

#### Connection data

Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.5 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section flexible min.	0.5 mm²
Conductor cross section flexible max.	10 mm²
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	10 mm²
2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	4 mm <sup>2</sup>
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 mm <sup>2</sup>
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
Stripping length	10 mm
Internal cylindrical gage	B6
Screw thread	M4
Tightening torque, min	1.5 Nm

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### Technical data

#### Connection data

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

### 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

### Approvals

CSA / KEMA-KEUR / PRS / IECEE CB Scheme / EAC / cULus Recognized

Nominal voltage UN



## Panel feed-through terminal block - HDFK 10 - 0707073

# Approvals Ex Approvals Approvals submitted Approval details CSA @ mm²/AWG/kcmil 22-6 Nominal current IN 65 A 300 V Nominal voltage UN KEMA-KEUR KEWA mm²/AWG/kcmil 10 57 A Nominal current IN Nominal voltage UN 250 V PRS IECEE CB Scheme CB mm²/AWG/kcmil 10 57 A Nominal current IN

EAC

250 V

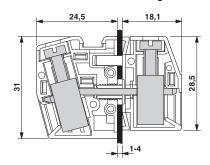


## Approvals

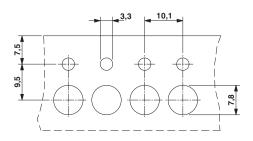
cULus Recognized			
B C D			
mm²/AWG/kcmil	24-6	24-6	24-6
Nominal current IN	65 A	65 A	10 A
Nominal voltage UN	300 V	150 V	300 V

## Drawings

#### Dimensional drawing



#### Dimensional drawing



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