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Panel feed-through terminal block, Connection method: Screw connection, Load current: 150 A, Cross section: 16 mm² - 50 mm², AWG 6 - 1/0, Connection direction of the conductor to plug-in direction: 0 °, Width: 18.8 mm, Color: gray

Product Features

- ☑ Both terminal halves can be easily assembled by simply snapping them together
- ▼ Touch-proof insulating housing in a new design.
- ☑ Universal screw connection with screw locking
- Spacer plates increase air and creepage distances
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing



Key commercial data

Packing unit	1 pc
GTIN	4 017918 004750
Weight per Piece (excluding packing)	126.46 GRM
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Inflammability class according to UL 94	V0
Maximum load current	150 A



Technical data

General

Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	150 A
Nominal voltage U _N	690 V
Open side panel	nein
Number of positions	1

Dimensions

Connection data

Note	Terminal sleeve	
Connection side	Level 1 ext. 1	
Connection method	Screw connection	
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.	
Conductor cross section solid min.	16 mm²	
Conductor cross section solid max.	50 mm²	
Conductor cross section stranded min.	16 mm²	
Conductor cross section stranded max.	50 mm²	
Conductor cross section AWG/kcmil min.	6	
Conductor cross section AWG/kcmil max	1/0	
Conductor cross section stranded, with ferrule without plastic sleeve min.	10 mm ²	
Conductor cross section stranded, with ferrule without plastic sleeve max.	c. 50 mm²	
Conductor cross section stranded, with ferrule with plastic sleeve min.	10 mm²	
Conductor cross section stranded, with ferrule with plastic sleeve max.	50 mm²	
2 conductors with same cross section, solid min.	6 mm ²	
2 conductors with same cross section, solid max.	16 mm²	
2 conductors with same cross section, stranded min.	10 mm²	
2 conductors with same cross section, stranded max.	16 mm²	
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	6 mm²	
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm²	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm²	



Technical data

Connection data

2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm²
Stripping length	24 mm
Internal cylindrical gage	B10
Screw thread	M6
Tightening torque, min	6 Nm
Tightening torque max	8 Nm

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 / KEMA-KEUR / GOST / PRS / IECEE CB Scheme / GOST



Approvals				
Ex Approvals				
Approvals submitted				
Approval details				
CSA ①				
	В		С	
mm²/AWG/kcmil	6		6	
Nominal current IN	125 A		125 A	
Nominal voltage UN	600 V		600 V	
53				
UL Recognized \$1	В		С	
mm²/AWG/kcmil	6		6	
mm²/AWG/kcmil Nominal current IN	6 170 A		6 170 A	
mm²/AWG/kcmil	6		6	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN	6 170 A		6 170 A	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN KEMA-KEUR	6 170 A		6 170 A	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN KEMA-KEUR	6 170 A	50	6 170 A	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN KEMA-KEUR mm²/AWG/kcmil Nominal current IN	6 170 A	150 A	6 170 A	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN KEMA-KEUR KEMA-KEUR Mm²/AWG/kcmil	6 170 A		6 170 A	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN KEMA-KEUR mm²/AWG/kcmil Nominal current IN Nominal voltage UN	6 170 A	150 A	6 170 A	
mm²/AWG/kcmil Nominal current IN Nominal voltage UN KEMA-KEUR mm²/AWG/kcmil Nominal current IN	6 170 A	150 A	6 170 A	



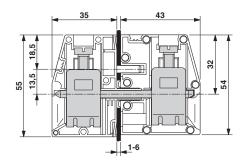
Approvals

IECEE CB Scheme CB	
mm²/AWG/kcmil	50
Nominal current IN	150 A
Nominal voltage UN	690 V

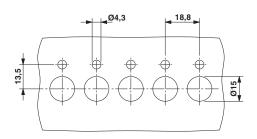
7.20		
03.		
I GOST		

Drawings

Dimensioned drawing



Dimensioned drawing



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