

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)



Panel feed-through terminal block, Connection method: Screw connection, Bolt connection, Load current: 150 A, Cross section: 16 mm² - 50 mm², AWG 6 - 1/0, Connection direction of the conductor to plug-in direction: 90 °, Width: 18.8 mm, Color: gray

Product Features

- ☑ Both terminal halves can be easily assembled by simply snapping them together
- Molded versions ensure maximum tightness of seal
- Automatic compensation of the panel thickness via the snap principle integrated in the insulation housing
- ☑ Universal screw connection with screw locking



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	4 017918 004699
Weight per Piece (excluding packing)	99.4 g
Custom tariff number	85369010
Country of origin	Greece

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	50 mm ²
Color	gray
Insulating material	PA



Technical data

General

Flammability rating according to UL 94	V0
Maximum load current	150 A
Rated surge voltage	8 kV
Pollution degree	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Nominal current I _N	150 A
Maximum load current	150 A
Nominal voltage U _N	690 V
Open side panel	nein
Number of positions	1

Dimensions

Width	18.8 mm
Length	90 mm
Plate thickness	1 mm 6 mm

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 flexible min.	16 mm²
Conductor cross section flexible max.	50 mm²
Conductor cross section AWG min.	6
Conductor cross section AWG max.	1/0
Conductor cross section flexible, with ferrule without plastic sleeve min.	10 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm ²
2 conductors with same cross section, solid min.	6 mm²
2 conductors with same cross section, solid max.	16 mm²
2 conductors with same cross section, stranded min.	10 mm ²
2 conductors with same cross section, stranded max.	16 mm²



Technical data

Connection data

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
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
Connection side	Level 1 int. 1
Connection method	Bolt connection
Screw thread	M8
Tightening torque, min	12 Nm
Tightening torque max	15 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



Classifications

ETIM

ETIM 5.0	EC001283	
UNSPSC		
UNSPSC 6.01	30211811	
UNSPSC 7.0901	39121410	
UNSPSC 11	39121410	
UNSPSC 12.01	39121410	
LINSPSC 13.2	30121410	

Approvals

Approvals

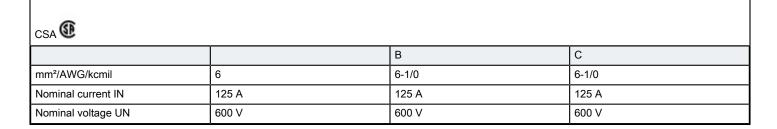
Approvals

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

Ex Approvals

Approvals submitted

Approval details



UL Recognized \$1		
	В	С
mm²/AWG/kcmil	6-2/0	6-2/0
Nominal current IN	170 A	170 A



Approvals

	В	С
Nominal voltage UN	600 V	600 V

KEMA-KEUR KEDA	
mm²/AWG/kcmil	50
Nominal current IN	150 A
Nominal voltage UN	690 V

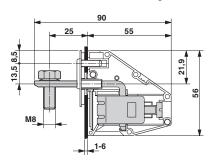
PRS

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

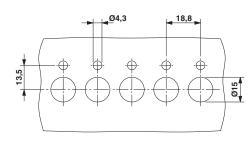
EAC

Drawings

Dimensional drawing



Dimensional drawing



Phoenix Contact 2015 © - all rights reserved http://www.phoenixcontact.com