imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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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

- Easy grouping with engagement pin versions
- Both terminal halves can be easily assembled by simply snapping them together
- ☑ Touch-proof insulating housing in a new design
- Molded versions ensure maximum tightness of seal
- Mutomatic 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 рс
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 mm²
Color	gray
Insulating material	РА



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	111
Insulating material group	1
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 mm ²	
Conductor cross section solid max.	50 mm ²	
Conductor cross section flexible min.	16 mm ²	
Conductor cross section flexible max.	50 mm ²	
Conductor cross section AWG min.	6	
Conductor cross section AWG max.	1/0	
Conductor cross section flexible, with ferrule without plastic sleeve min.	10 mm ²	
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm ²	
Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm ²	
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm ²	
2 conductors with same cross section, solid min.	6 mm ²	
2 conductors with same cross section, solid max.	16 mm ²	
2 conductors with same cross section, stranded min.	10 mm ²	
2 conductors with same cross section, stranded max.	16 mm ²	



Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	16 mm ²
$\ensuremath{2}$ conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	6 mm ²
$2\ \text{conductors}$ with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm ²
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
LINSPSC	

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

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CSA 🚯			
		В	С
mm²/AWG/kcmil	6	6-1/0	6-1/0
Nominal current IN	125 A	125 A	125 A
Nominal voltage UN	600 V	600 V	600 V

	В	C
mm²/AWG/kcmil	6-2/0	6-2/0
Nominal current IN	170 A	170 A

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Approvals

	В	C
Nominal voltage UN	600 V	600 V

KEMA-KEUR

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

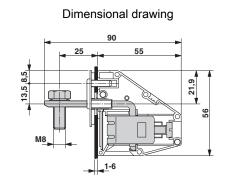
PRS

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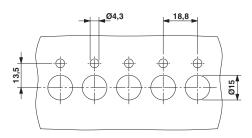
IECEE CB Scheme	
mm²/AWG/kcmil	50
Nominal current IN	150 A
Nominal voltage UN	690 V

EAC

Drawings



Dimensional drawing



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