

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









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)



High-current terminal block, Blocked, Connection method: Power-Turn connection, Number of positions: 3, Cross section: 50 mm² - 150 mm², AWG: 1/0 - 300 kcmil, Width: 31 mm, Height: 108.3 mm, Color: gray, Mounting type: ct screw connection

#### **Product Features**

- Quick and easy connection is now also possible for large conductors with the high-current terminal block
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- 🗹 In addition to using the existing test connection, pick-off terminal blocks can be connected, each of which can also accommodate two test cables



### **Key Commercial Data**

Packing unit	1 pc
Weight per Piece (excluding packing)	1100.0 g
Custom tariff number	85369010
Country of origin	Poland

#### Technical data

#### General

Number of levels	1
Number of connections	6
Nominal cross section	150 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I



## Technical data

#### General

Connection in acc. with standard	IEC 60947-7-1
Maximum load current	309 A (with 150 mm² conductor cross section)
Nominal current I <sub>N</sub>	309 A
Nominal voltage U <sub>N</sub>	1500 V
Open side panel	No
Number of positions	3

#### **Dimensions**

Width	31 mm
Length	150 mm
Height	108.3 mm
Hole diameter	6.5 mm
Drill hole spacing	126.40 mm

#### Connection data

Connection method	Power-Turn connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	50 mm <sup>2</sup>
Conductor cross section solid max.	150 mm²
Conductor cross section AWG min.	1/0
Conductor cross section AWG max.	300 kcmil
Conductor cross section flexible min.	50 mm <sup>2</sup>
Conductor cross section flexible max.	150 mm <sup>2</sup>
Min. AWG conductor cross section, flexible	1/0
Max. AWG conductor cross section, flexible	300 kcmil
Conductor cross section flexible, with ferrule without plastic sleeve min.	50 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	50 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>
Cross section with insertion bridge solid min.	50 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	150 mm <sup>2</sup>
Cross section with insertion bridge stranded min.	50 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	150 mm <sup>2</sup>
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	50 mm <sup>2</sup>
Cross section with insertion bridge stranded, with ferrule without plastic sleeve max.	95 mm²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	50 mm²



### Technical data

#### Connection data

Cross section with insertion bridge stranded, with ferrule with plastic sleeve max.	95 mm²
Cross section with insertion bridge, solid max.	150 mm²
Cross section with insertion bridge, stranded max.	150 mm²
Stripping length	40 mm
Internal cylindrical gage	B14

#### Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0

### Classifications

#### eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 8.0	27141120
eCl@ss 9.0	27141120

#### **ETIM**

ETIM 4.0	EC000897
ETIM 5.0	EC000897

### Approvals

#### Approvals

Approvals

EAC / LR / BV / GL / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details



## Approvals

EAC		
LR		
BV		
GL		
50		

UL Recognized <b>9</b>		
	В	С
mm²/AWG/kcmil	2-300	2-300
Nominal current IN	270 A	270 A
Nominal voltage UN	1000 V	1000 V

cUL Recognized 51	
	С
mm²/AWG/kcmil	2-300
Nominal current IN	270 A
Nominal voltage UN	1000 V

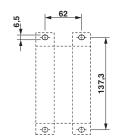
cULus Recognized the state of t		

## Drawings

Circuit diagram



Dimensional drawing





Phoenix Contact 2016 @ - all rights reserved http://www.phoenixcontact.com