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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



## High-current terminal block - PTPOWER 150-3L/FE-F - 3215035

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High-current terminal block, Blocked, Connection method: Power-Turn connection, Number of positions: 4, Cross section: 50 mm<sup>2</sup> - 150 mm<sup>2</sup>, AWG: 1/0 - 300 kcmil, Width: 31 mm, Height: 108.3 mm, Color: gray/black-yellow, Mounting type: ct screw connection

The figure shows a version of the article

### 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
- ✓ The compact design enables wiring in a confined space
- ✓ 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
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	8
Nominal cross section	150 mm <sup>2</sup>
Color	gray/black-yellow
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

# High-current terminal block - PTPOWER 150-3L/FE-F - 3215035

## Technical data

### General

Connection in acc. with standard	IEC 60947-7-1
Maximum load current	309 A (with 150 mm <sup>2</sup> 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	4

### 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 mm <sup>2</sup>
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 mm <sup>2</sup>
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	50 mm <sup>2</sup>

# High-current terminal block - PTPOWER 150-3L/FE-F - 3215035

## Technical data

### Connection data

Cross section with insertion bridge stranded, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	150 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	150 mm <sup>2</sup>
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

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

# High-current terminal block - PTPOWER 150-3L/FE-F - 3215035

## Approvals

LR

BV

GL

UL Recognized

	B	C
mm <sup>2</sup> /AWG/kcmil	2-300	2-300
Nominal current I <sub>N</sub>	270 A	270 A
Nominal voltage U <sub>N</sub>	1000 V	1000 V

cUL Recognized

	C
mm <sup>2</sup> /AWG/kcmil	2-300
Nominal current I <sub>N</sub>	270 A
Nominal voltage U <sub>N</sub>	1000 V

cULus Recognized

## Drawings

Circuit diagram



Dimensional drawing



