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# High-current terminal block - PTPOWER 150-3L/N/FE-F - 3215036

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High-current terminal block, Blocked, Connection method: Power-Turn connection, Number of positions: 5, 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/blue/black-yellow, Mounting type: ct screw connection

The figure shows a version of the article

## Why buy this product

- 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 STK
GTIN	 4 046356 903547

## Technical data

### General

Number of levels	1
Number of connections	10
Nominal cross section	150 mm <sup>2</sup>
Color	gray/blue/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
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

# High-current terminal block - PTPOWER 150-3L/N/FE-F - 3215036

## Technical data

### General

Number of positions	5
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### Dimensions

Width	31 mm
Length	150 mm
Height	108.3 mm
Hole diameter	6.5 mm
Drill hole spacing	137.20 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>
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
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# High-current terminal block - PTPOWER 150-3L/N/FE-F - 3215036

## Technical data

### Standards and Regulations

Flammability rating according to UL 94	V0
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## 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

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

#### Ex Approvals


#### Approvals submitted

### Approval details

LR
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BV
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GL
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UL Recognized 		
	B	C
mm <sup>2</sup> /AWG/kcmil	2-300	2-300
Nominal current I <sub>N</sub>	270 A	270 A

# High-current terminal block - PTPOWER 150-3L/N/FE-F - 3215036

## Approvals

	B	C
Nominal voltage UN	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 UN	1000 V

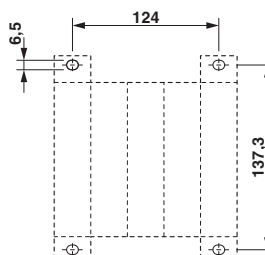
cULus Recognized	
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## Drawings

Circuit diagram



Dimensional drawing



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