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Especialistas en Automatización

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# High-current terminal block - PTPOWER 150-3L/FE - 3215007

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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: 124 mm, Color: gray/black-yellow, Mounting type: NS 35/15

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 902953

## 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
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/FE - 3215007

## Technical data

### General

Number of positions	4
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### Dimensions

Width	124 mm
Length	116.4 mm
Height NS 35/15	108.7 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
Flammability rating according to UL 94	V0

# High-current terminal block - PTPOWER 150-3L/FE - 3215007

## 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

### UNSPSC

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

## 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

LR
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BV
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GL
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# High-current terminal block - PTPOWER 150-3L/FE - 3215007

## Approvals

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	
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## Drawings

Circuit diagram



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