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Especialistas en Automatización

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## High-current terminal block - PTPOWER 150 P BU - 3215004

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High-current terminal block, Connection method: Power-Turn connection, Number of positions: 1, Cross section: 50 mm<sup>2</sup> - 150 mm<sup>2</sup>, AWG: 1/0 - 300 kcmil, Width: 31 mm, Color: blue, Mounting type: NS 35/15

### 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	3 STK
GTIN	 4 046356 902342

### Technical data

#### General

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

# High-current terminal block - PTPOWER 150 P BU - 3215004

## Technical data

### Dimensions

Width	31 mm
Length	116.4 mm
Height NS 35/15	116.5 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 P BU - 3215004

## 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

EAC / 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

EAC
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LR
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BV
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GL
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# High-current terminal block - PTPOWER 150 P BU - 3215004

## 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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Product	Code	Reference	Product link
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