

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 mm² - 150 mm², 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

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 | 10 |
| Nominal cross section | 150 mm ² |
| 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 |

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Technical data

General

| | |
|----------------------------------|--|
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 309 A (with 150 mm ² conductor cross section) |
| Nominal current I _N | 309 A |
| Nominal voltage U _N | 1500 V |
| Open side panel | No |
| Number of positions | 5 |

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 ² |
| Conductor cross section solid max. | 150 mm ² |
| Conductor cross section AWG min. | 1/0 |
| Conductor cross section AWG max. | 300 kcmil |
| Conductor cross section flexible min. | 50 mm ² |
| Conductor cross section flexible max. | 150 mm ² |
| 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 ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 95 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 50 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 95 mm ² |
| Cross section with insertion bridge solid min. | 50 mm ² |
| Cross section with insertion bridge, solid max. | 150 mm ² |
| Cross section with insertion bridge stranded min. | 50 mm ² |
| Cross section with insertion bridge, stranded max. | 150 mm ² |
| Cross section with insertion bridge stranded, with ferrule without plastic sleeve min. | 50 mm ² |
| Cross section with insertion bridge stranded, with ferrule without plastic sleeve max. | 95 mm ² |
| Cross section with insertion bridge stranded, with ferrule without plastic sleeve min. | 50 mm ² |

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Technical data

Connection data

| | |
|---|---------------------|
| Cross section with insertion bridge stranded, with ferrule with plastic sleeve max. | 95 mm ² |
| Cross section with insertion bridge, solid max. | 150 mm ² |
| Cross section with insertion bridge, stranded max. | 150 mm ² |
| 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

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

Ex Approvals

Approvals submitted

Approval details

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

Approvals

LR

BV

GL

UL Recognized

| | B | C |
|--------------------------------|--------|--------|
| mm ² /AWG/kcmil | 2-300 | 2-300 |
| Nominal current I _N | 270 A | 270 A |
| Nominal voltage U _N | 1000 V | 1000 V |

cUL Recognized

| | C |
|--------------------------------|--------|
| mm ² /AWG/kcmil | 2-300 |
| Nominal current I _N | 270 A |
| Nominal voltage U _N | 1000 V |

cULus Recognized

Drawings

Circuit diagram



Dimensional drawing



