

High-current terminal block - PTPOWER 50-3L/FE-F - 3260059

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High-current terminal block, Blocked, Connection method: Power-Turn connection, Cross section: 10 mm² - 70 mm², AWG: 8 - 2/0, Width: 80 mm, Height: 96 mm, Color: gray/black-yellow, Mounting type: NS 35/15

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 |
| Minimum order quantity | 3 pc |
| Weight per Piece (excluding packing) | 680.0 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

| | |
|--|--------------------|
| Number of levels | 1 |
| Number of connections | 8 |
| Nominal cross section | 50 mm ² |
| Color | gray/black-yellow |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Rated surge voltage | 8 kV |
| Degree of pollution | 3 |

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Technical data

General

| | |
|----------------------------------|---|
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Maximum load current | 150 A (with 50 mm ² conductor cross section) |
| Nominal current I _N | 150 A |
| Nominal voltage U _N | 1500 V |
| Open side panel | No |

Dimensions

| | |
|--------------------|-----------|
| Width | 80 mm |
| Length | 101 mm |
| Height | 96 mm |
| Hole diameter | 6.5 mm |
| Drill hole spacing | 123.40 mm |

Connection data

| | |
|--|-----------------------|
| Connection method | Power-Turn connection |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section solid min. | 10 mm ² |
| Conductor cross section solid max. | 70 mm ² |
| Conductor cross section AWG min. | 8 |
| Conductor cross section AWG max. | 2/0 |
| Conductor cross section flexible min. | 10 mm ² |
| Conductor cross section flexible max. | 70 mm ² |
| Min. AWG conductor cross section, flexible | 8 |
| Max. AWG conductor cross section, flexible | 2/0 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 10 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 50 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 10 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 50 mm ² |
| Cross section with insertion bridge solid min. | 10 mm ² |
| Cross section with insertion bridge, solid max. | 50 mm ² |
| Cross section with insertion bridge stranded min. | 10 mm ² |
| Cross section with insertion bridge, stranded max. | 50 mm ² |
| Cross section with insertion bridge stranded, with ferrule without plastic sleeve min. | 10 mm ² |
| Cross section with insertion bridge stranded, with ferrule without plastic sleeve max. | 50 mm ² |

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Connection data

| | |
|---|--------------------|
| Cross section with insertion bridge stranded, with ferrule without plastic sleeve min. | 10 mm ² |
| Cross section with insertion bridge stranded, with ferrule with plastic sleeve max. | 50 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 10 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 16 mm ² |
| Cross section with insertion bridge, solid max. | 50 mm ² |
| Cross section with insertion bridge, stranded max. | 50 mm ² |
| Stripping length | 30 mm |
| Internal cylindrical gage | A10 |

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 5.0 | EC000897 |
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Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

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Approvals

Approval details

| | | |
|--------------------------------|-------|--------|
| CSA | | |
| | B | C |
| mm ² /AWG/kcmil | 8-1/0 | 8-1/0 |
| Nominal current I _N | 140 A | 140 A |
| Nominal voltage U _N | 600 V | 1000 V |

| | |
|--------------------------------|--------|
| UL Recognized | |
| | C |
| mm ² /AWG/kcmil | 8-1/0 |
| Nominal current I _N | 140 A |
| Nominal voltage U _N | 1000 V |

| | |
|--------------------------------|--------|
| cUL Recognized | |
| | C |
| mm ² /AWG/kcmil | 8-1/0 |
| Nominal current I _N | 140 A |
| Nominal voltage U _N | 1000 V |

| | |
|------------------|--|
| cULus Recognized | |
|------------------|--|

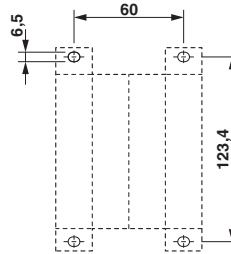
Drawings

High-current terminal block - PTPOWER 50-3L/FE-F - 3260059

Circuit diagram



Dimensional drawing





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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