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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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High-current terminal block - PTPOWER 50-F BU - 3260062

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High-current terminal block, Connection method: Power-Turn connection, Cross section: 10 mm² - 70 mm², AWG: 8 - 2/0, Width: 20 mm, Color: blue, Mounting type: NS 35/15

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 | 10 pc |
| Weight per Piece (excluding packing) | 5.0 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

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

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Technical data

General

| | |
|----------------------------------|---------------------------------------------------------|
| 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 | 20 mm |
| Length | 101 mm |
| Height NS 35/15 | 105 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 |
| 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 |

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Technical data

Connection data

| | |
|-----------------------------------------------------------------------------------------|--------------------|
| 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 |
|----------|----------|

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

High-current terminal block - PTPOWER 50-F BU - 3260062

Approvals

| | | |
|--------------------------------|-------|--------|
| 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 | | |
| | | |
| 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

Circuit diagram

