

High-current terminal block - PTPOWER 35-F BU - 3212079

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High-current terminal block, Connection method: Power-Turn connection, Cross section: 2.5 mm² - 35 mm², AWG: 12 - 2, Width: 16 mm, Height: 68.3 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 and front connection enable wiring in a confined space
- ✓ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Weight per Piece (excluding packing) | 94.0 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

| | |
|--|--------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 35 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 |
| Maximum load current | 125 A (with 35 mm ² conductor cross section) |
| Nominal current I _N | 125 A |
| Nominal voltage U _N | 1000 V |
| Open side panel | No |

Dimensions

| | |
|--------------------|-----------|
| Width | 16 mm |
| Length | 120.2 mm |
| Height | 68.3 mm |
| Hole diameter | 5.5 mm |
| Drill hole spacing | 108.00 mm |

Connection data

| | |
|---|--|
| Note | Please observe the current carrying capacity of the DIN rails. |
| Connection method | Power-Turn connection |
| Conductor cross section solid min. | 2.5 mm ² |
| Conductor cross section solid max. | 35 mm ² |
| Conductor cross section AWG min. | 12 |
| Conductor cross section AWG max. | 2 |
| Conductor cross section flexible min. | 2.5 mm ² |
| Conductor cross section flexible max. | 35 mm ² |
| Min. AWG conductor cross section, flexible | 12 |
| Max. AWG conductor cross section, flexible | 2 |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 35 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 10 mm ² |
| Stripping length | 25 mm |

Standards and Regulations

| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141120 |
|------------|----------|

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.1 | 27141120 |
| eCl@ss 5.0 | 27141120 |
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141120 |
| eCl@ss 7.0 | 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

Approvals

CSA

Ex Approvals

Approvals submitted

Approval details

| | | |
|----------------------------|-------|-------|
| CSA | | |
| | B | C |
| mm ² /AWG/kcmil | 14-2 | 14-2 |
| Nominal current IN | 115 A | 115 A |

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Approvals

| | B | C |
|--------------------|-------|--------|
| Nominal voltage UN | 600 V | 1000 V |

Drawings

Circuit diagram

