

## High-current terminal block - PTPOWER 35-3L/FE - 3212070

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High-current terminal block, Connection method: Power-Turn connection, Cross section: 2.5 mm<sup>2</sup> - 35 mm<sup>2</sup>, AWG: 12 - 2, Width: 64 mm, Color: gray/black-yellow, 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	2 pc
Weight per Piece (excluding packing)	315.0 g
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	8
Nominal cross section	35 mm <sup>2</sup>
Color	gray/black-yellow
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 <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	125 A
Nominal voltage U <sub>N</sub>	1000 V
Open side panel	No

### Dimensions

Width	64 mm
Length	91.6 mm
Height NS 35/7,5	69.8 mm
Height NS 35/15	77.3 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 <sup>2</sup>
Conductor cross section solid max.	35 mm <sup>2</sup>
Conductor cross section AWG min.	12
Conductor cross section AWG max.	2
Conductor cross section flexible min.	2.5 mm <sup>2</sup>
Conductor cross section flexible max.	35 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	35 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	10 mm <sup>2</sup>
Stripping length	25 mm

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Classifications

#### eCl@ss

eCl@ss 4.0	27141120
eCl@ss 4.1	27141120

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## Classifications

### eCl@ss

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

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#### Approvals

##### CSA

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

CSA	B	C
mm <sup>2</sup> /AWG/kcmil	14-2	14-2
Nominal current I <sub>N</sub>	115 A	115 A
Nominal voltage U <sub>N</sub>	600 V	1000 V

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## Drawings

Circuit diagram

