

## 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 mm<sup>2</sup> - 70 mm<sup>2</sup>, 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 <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

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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 <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	150 A
Nominal voltage U <sub>N</sub>	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 <sup>2</sup>
Conductor cross section solid max.	70 mm <sup>2</sup>
Conductor cross section AWG min.	8
Conductor cross section AWG max.	2/0
Conductor cross section flexible min.	10 mm <sup>2</sup>
Conductor cross section flexible max.	70 mm <sup>2</sup>
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 <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	50 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	10 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	50 mm <sup>2</sup>
Cross section with insertion bridge solid min.	10 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	50 mm <sup>2</sup>
Cross section with insertion bridge stranded min.	10 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	50 mm <sup>2</sup>
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	10 mm <sup>2</sup>
Cross section with insertion bridge stranded, with ferrule without plastic sleeve max.	50 mm <sup>2</sup>

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## Technical data

### Connection data

Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	10 mm <sup>2</sup>
Cross section with insertion bridge stranded, with ferrule with plastic sleeve max.	50 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	16 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	50 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	50 mm <sup>2</sup>
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

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#### Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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## Approvals

### Approval details

CSA		
	B	C
mm <sup>2</sup> /AWG/kcmil	8-1/0	8-1/0
Nominal current I <sub>N</sub>	140 A	140 A
Nominal voltage U <sub>N</sub>	600 V	1000 V

UL Recognized	
	C
mm <sup>2</sup> /AWG/kcmil	8-1/0
Nominal current I <sub>N</sub>	140 A
Nominal voltage U <sub>N</sub>	1000 V

cUL Recognized	
	C
mm <sup>2</sup> /AWG/kcmil	8-1/0
Nominal current I <sub>N</sub>	140 A
Nominal voltage U <sub>N</sub>	1000 V

cULus Recognized	
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## Drawings

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

Circuit diagram



Dimensional drawing

