

High-current terminal block - PTPOWER 50-3L/N - 3260054

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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, Color: gray/blue, 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)	5.0 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/blue
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 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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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
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UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / cULus Recognized

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Approvals

Ex Approvals

Approvals submitted

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	
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	
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Drawings

High-current terminal block - PTPOWER 50-3L/N - 3260054

Circuit diagram



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