High-current terminal block - PTPOWER 150-3L/FE-F - 3215035

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The figure shows a version of the article

High-current terminal block, Blocked, Connection method: Power-Turn connection, Number of positions: 4, Cross section: 50 mm² - 150 mm², AWG: 1/0 - 300 kcmil, Width: 31 mm, Height: 108.3 mm, Color: gray/black-yellow, Mounting type: ct screw connection

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
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	8
Nominal cross section	150 mm²
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
Insulating material group	I

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Technical data

General

Connection in acc. with standard	IEC 60947-7-1
Maximum load current	309 A (with 150 mm² conductor cross section)
Nominal current I_N	309 A
Nominal voltage U_N	1500 V
Open side panel	No
Number of positions	4

Dimensions

Width	31 mm
Length	150 mm
Height	108.3 mm
Hole diameter	6.5 mm
Drill hole spacing	126.40 mm

Connection data

Connection method	Power-Turn connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	50 mm²
Conductor cross section solid max.	150 mm²
Conductor cross section AWG min.	1/0
Conductor cross section AWG max.	300 kcmil
Conductor cross section flexible min.	50 mm²
Conductor cross section flexible max.	150 mm²
Min. AWG conductor cross section, flexible	1/0
Max. AWG conductor cross section, flexible	300 kcmil
Conductor cross section flexible, with ferrule without plastic sleeve min.	50 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	50 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm²
Cross section with insertion bridge solid min.	50 mm²
Cross section with insertion bridge, solid max.	150 mm²
Cross section with insertion bridge stranded min.	50 mm²
Cross section with insertion bridge, stranded max.	150 mm²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	50 mm²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve max.	95 mm²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	50 mm²

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Technical data

Connection data

Cross section with insertion bridge stranded, with ferrule with plastic sleeve max.	95 mm²
Cross section with insertion bridge, solid max.	150 mm²
Cross section with insertion bridge, stranded max.	150 mm²
Stripping length	40 mm
Internal cylindrical gage	B14

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 4.0	EC000897
ETIM 5.0	EC000897

Approvals

Approvals

Approvals

LR / BV / GL / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

High-current terminal block - PTPOWER 150-3L/FE-F - 3215035

Approvals

LR

BV

GL

UL Recognized

	B	C
mm²/AWG/kcmil	2-300	2-300
Nominal current IN	270 A	270 A
Nominal voltage UN	1000 V	1000 V

cUL Recognized

	C
mm²/AWG/kcmil	2-300
Nominal current IN	270 A
Nominal voltage UN	1000 V

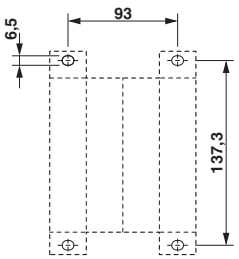
cULus Recognized

Drawings

Circuit diagram



Dimensional drawing



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