

High-current terminal block - PTPOWER 150 P BU - 3215004

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



High-current terminal block, Connection method: Power-Turn connection, Number of positions: 1, Cross section: 50 mm² - 150 mm², AWG: 1/0 - 300 kcmil, Width: 31 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 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)	340.0 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	150 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

High-current terminal block - PTPOWER 150 P BU - 3215004

Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 60947-7-1
Maximum load current	309 A (with 150 mm ² conductor cross section)
Nominal current I _N	309 A
Nominal voltage U _N	1500 V
Open side panel	No
Number of positions	1

Dimensions

Width	31 mm
Length	116.4 mm
Height NS 35/15	116.5 mm

Connection data

Connection method	Power-Turn connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	50 mm ²
Conductor cross section solid max.	150 mm ²
Conductor cross section AWG min.	1/0
Conductor cross section AWG max.	300 kcmil
Conductor cross section flexible min.	50 mm ²
Conductor cross section flexible max.	150 mm ²
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 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	95 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	50 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	95 mm ²
Cross section with insertion bridge solid min.	50 mm ²
Cross section with insertion bridge, solid max.	150 mm ²
Cross section with insertion bridge stranded min.	50 mm ²
Cross section with insertion bridge, stranded max.	150 mm ²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	50 mm ²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve max.	95 mm ²
Cross section with insertion bridge stranded, with ferrule without plastic sleeve min.	50 mm ²
Cross section with insertion bridge stranded, with ferrule with plastic sleeve max.	95 mm ²

High-current terminal block - PTPOWER 150 P BU - 3215004

Technical data

Connection data

Cross section with insertion bridge, solid max.	150 mm ²
Cross section with insertion bridge, stranded max.	150 mm ²
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

UNSPSC

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

Approvals

Approvals

Approvals

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

Ex Approvals

High-current terminal block - PTPOWER 150 P BU - 3215004

Approvals

Approvals submitted

Approval details

EAC

LR

BV

GL

UL Recognized

	B	C
mm ² /AWG/kcmil	2-300	2-300
Nominal current I _N	270 A	270 A
Nominal voltage U _N	1000 V	1000 V

cUL Recognized

	C
mm ² /AWG/kcmil	2-300
Nominal current I _N	270 A
Nominal voltage U _N	1000 V

cULus Recognized

Drawings

Circuit diagram



