

PTPOWER 185-3L - High-current terminal block



1054728

<https://www.phoenixcontact.com/us/products/1054728>

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 documentation. Our general terms of use for downloads are valid.



High-current terminal block, Blocked, nom. voltage: 1000 V, nominal current: 309 A, number of connections: 6, number of positions: 3, connection method: PowerTurn connection, 1 level, cross section: 95 mm² - 185 mm², mounting type: NS 35/15, color: gray

Your advantages

- Quick and easy connection is now also possible for large conductors with the high-current terminal block
- The compact design enables wiring in a confined space
- 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
- In addition to using the existing test pick-off, pick-off terminal blocks can be connected, each of which can also accommodate two test cables

Commercial data

Item number	1054728
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE22
Product key	BE2211
GTIN	4055626690933
Weight per piece (including packing)	1,059.6 g
Weight per piece (excluding packing)	1,059.6 g
Customs tariff number	85369010
Country of origin	PL

PTPOWER 185-3L - High-current terminal block



1054728

<https://www.phoenixcontact.com/us/products/1054728>

Technical data

Product properties

Product type	High current terminal block
Number of positions	3
Pitch	31 mm
Number of connections	6
Number of rows	1
Potentials	3

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	9.55 W

Connection data

Number of connections per level	6
Nominal cross section	150 mm ²

1 level

Connection method	PowerTurn connection
Stripping length	40 mm
Internal cylindrical gage	B14
Connection in acc. with standard	IEC 60947-7-1
Conductor cross-section rigid	95 mm ² ... 185 mm ²
Cross section AWG	3/0 ... 350 kcmil (converted acc. to IEC)
Conductor cross-section flexible	95 mm ² ... 185 mm ²
Conductor cross-section, flexible [AWG]	3/0 ... 350 kcmil (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	95 mm ² ... 150 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	95 mm ² ... 150 mm ²
Cross-section with insertion bridge, rigid	95 mm ² ... 150 mm ²
Cross-section with insertion bridge, flexible	95 mm ² ... 150 mm ²
Cross-section with insertion bridge, flexible, with ferrule without plastic sleeve	95 mm ² (120 mm ²)
Cross-section with insertion bridge, flexible, with ferrule with plastic sleeve	95 mm ² ... 120 mm ²
Nominal current	309 A
Maximum load current	309 A (with 150 mm ² conductor cross-section)
Nominal voltage	1000 V

1 level Connection cross sections directly pluggable

Conductor cross-section rigid	95 mm ² ... 185 mm ²
-------------------------------	--

PPOWER 185-3L - High-current terminal block



1054728

<https://www.phoenixcontact.com/us/products/1054728>

Conductor cross-section flexible (ferrule without plastic sleeve)	95 mm ² ... 150 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	95 mm ² ... 150 mm ²

Dimensions

Width	93 mm
Pitch	31 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No
-----------------	----

Environmental and real-life conditions

Ambient conditions

Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Standards and regulations

Connection in acc. with standard	IEC 60947-7-1
----------------------------------	---------------

Mounting

Mounting type	NS 35/15
---------------	----------

PTPOWER 185-3L - High-current terminal block

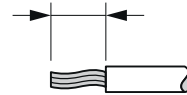
1054728

<https://www.phoenixcontact.com/us/products/1054728>

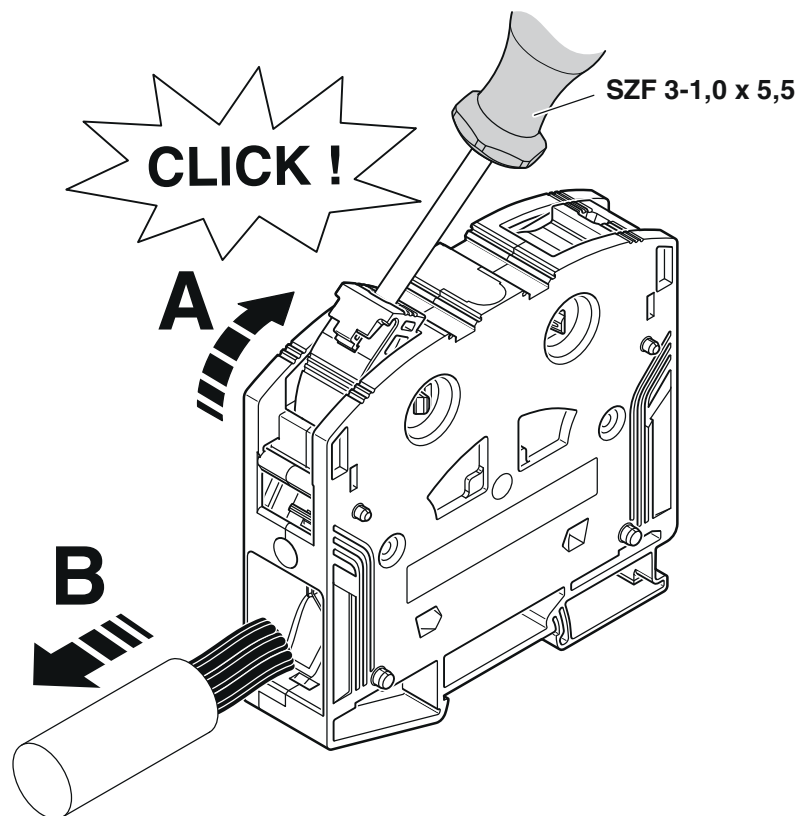
Drawings

Schematic diagram

PTPOWER



AGK 10-PTPOWER	0,5 mm ² ... 16 mm ²	18 mm
PTPOWER 35	2,5 mm ² ... 35 mm ²	25 mm
PTPOWER 50	10 mm ² ... 50 mm ²	32 mm
PTPOWER 95	25 mm ² ... 95 mm ²	40 mm
PTPOWER 185	95 mm ² ... 185 mm ²	40 mm



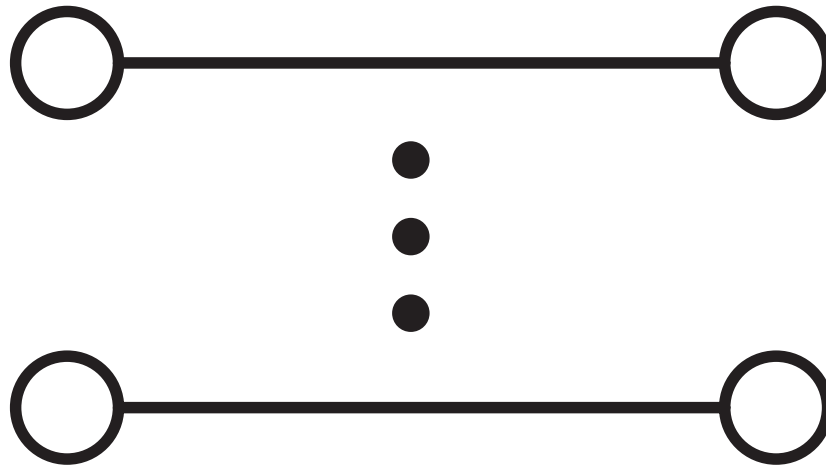
PPOWER 185-3L - High-current terminal block



1054728

<https://www.phoenixcontact.com/us/products/1054728>

Circuit diagram



PPOWER 185-3L - High-current terminal block



1054728

<https://www.phoenixcontact.com/us/products/1054728>

Classifications

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

PTPOWER 185-3L - High-current terminal block



1054728

<https://www.phoenixcontact.com/us/products/1054728>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com