

High-current terminal block - PTPOWER 95-3L



3260109

<https://www.phoenixcontact.com/de/produkte/3260109>

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High-current terminal block, Blocked, nom. voltage: 1000 V, nominal current: 232 A, connection method: PowerTurn connection, 1 level, cross section: 25 mm² - 95 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
- In addition to using the existing test connection, pick-off terminal blocks can be connected, each of which can also accommodate two test cables
- 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

Commercial Data

Item number	3260109
Packing unit	3 pc
Minimum order quantity	3 pc
Sales Key	A1 - Reihenklemmen
Product Key	BE2211
Catalog Page	Page 139 (C-1-2019)
GTIN	4046356778756
Weight per Piece (including packing)	637,333 g
Weight per Piece (excluding packing)	591,73 g
Customs tariff number	85369010
Country of origin	PL

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Technical Data

Product properties

Product type	High current terminal block
Number of positions	3
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	7.54 W

Connection data

Number of connections per level	2
Nominal cross section	95 mm ²

1 level

Stripping length	40 mm
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid	25 mm ² ... 95 mm ²
Cross section AWG	4 ... 4/0 (converted acc. to IEC)
Conductor cross section flexible	25 mm ² ... 95 mm ²
Conductor cross section, flexible [AWG]	4 ... 4/0 (converted acc. to IEC)
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	25 mm ² ... 95 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	25 mm ² ... 95 mm ²
Cross-section with insertion bridge, rigid	95 mm ²
Cross-section with insertion bridge, flexible	70 mm ²
Nominal current	232 A
Maximum load current	232 A (with 95 mm ² conductor cross section)
Nominal voltage	1000 V

1 level Connection cross sections directly pluggable

Conductor cross section solid	25 mm ² ... 95 mm ²
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	25 mm ² ... 95 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	25 mm ² ... 95 mm ²

Dimensions

Width	75 mm
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Height NS 35/15	108.7 mm
Length	105.5 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
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
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Mounting

Mounting type	NS 35/15
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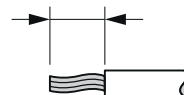
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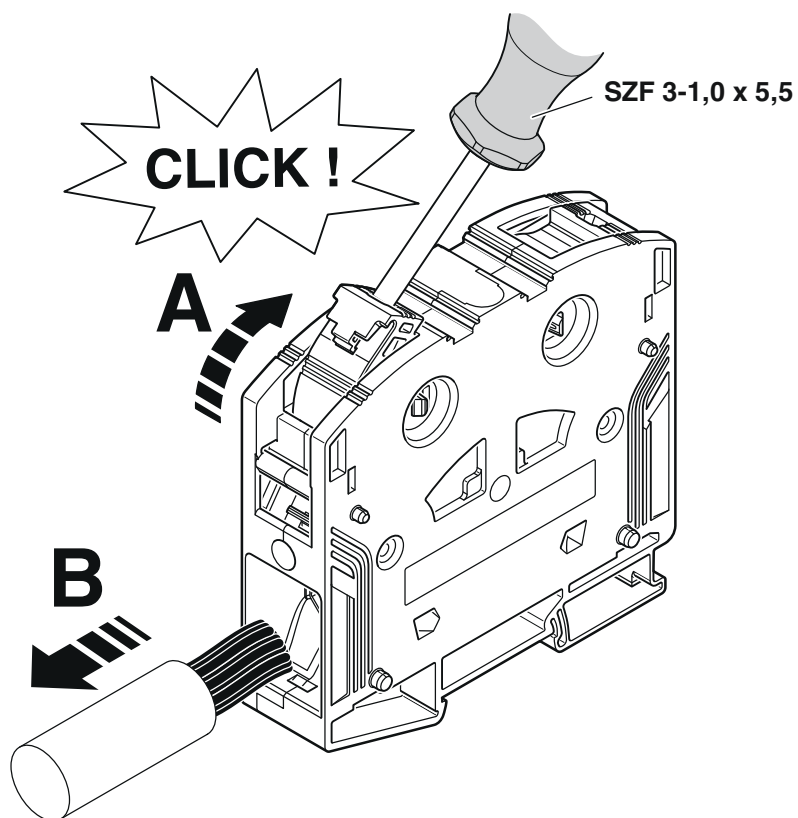
Drawings

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



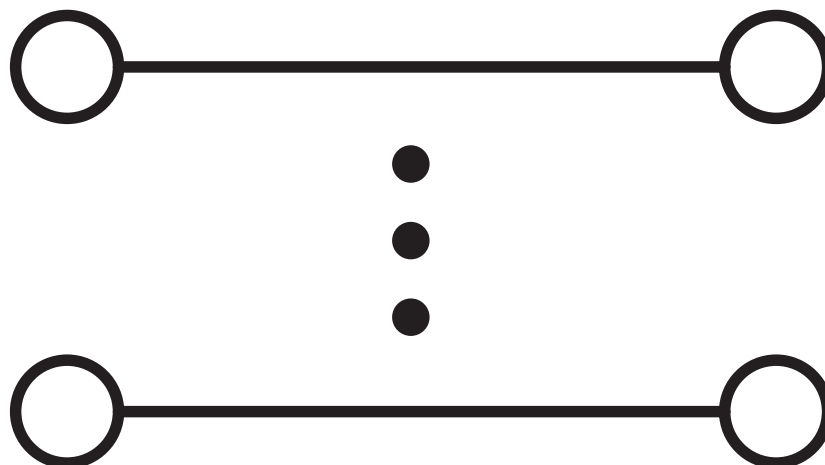
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Circuit diagram




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Approvals


 CSA Approval ID: 13631				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B	600 V	230 A	4 - 4/0	-
Use group C	1000 V	230 A	4 - 4/0	-

 cUL Recognized Approval ID: E60425				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group C	1000 V	230 A	4 - 4/0	-

 UL Recognized Approval ID: E60425				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group E	1000 V	230 A	4 - 4/0	-

 EAC Approval ID: RU C-DE.AI30.B.01102				
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DNV Approval ID: TAE00000Z9				
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 EAC Approval ID: RU C-DE.BL08.B.00644				
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cULus Recognized				
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Classifications

ECLASS

ECLASS-9.0	27141120
ECLASS-10.0.1	27141120
ECLASS-11.0	27141120

ETIM

ETIM 8.0	EC000897
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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