

# High-current terminal block - PTPOWER 95-3L/FE-F



3260127

<https://www.phoenixcontact.com/de/produkte/3260127>

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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 mm<sup>2</sup> - 95 mm<sup>2</sup>, mounting type: direct screw connection, color: gray/black-yellow

## 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 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

## Commercial Data

Item number	3260127
Packing unit	2 pc
Minimum order quantity	2 pc
Sales Key	A1 - Reihenklemmen
Product Key	BE2211
Catalog Page	Page 139 (C-1-2019)
GTIN	4046356779012
Weight per Piece (including packing)	890,5 g
Weight per Piece (excluding packing)	890,5 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	4
Pitch	25 mm
Number of connections	8
Number of rows	1
Potentials	4

### 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 <sup>2</sup>

#### 1 level

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

#### 1 level Connection cross sections directly pluggable

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

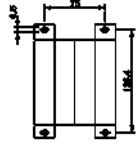
## Dimensions

# High-current terminal block - PTPOWER 95-3L/FE-F



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Dimensional drawing	
Width	100 mm
Height	99.8 mm
Length	139.1 mm
Drill hole spacing	126.4 mm
Hole diameter	6.5 mm
Pitch	25 mm

## Material specifications

Color	gray/black-yellow
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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### Technical data

Drill hole spacing	126.4 mm
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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

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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	direct screw connection
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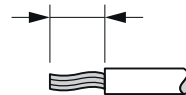
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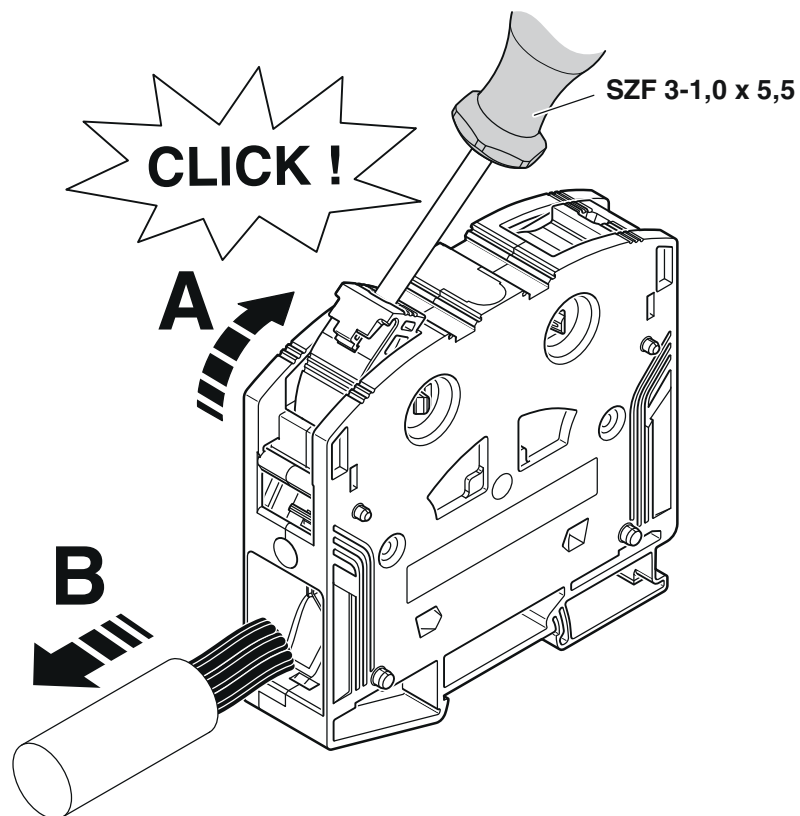
## Drawings

Schematic diagram

### PTPOWER



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



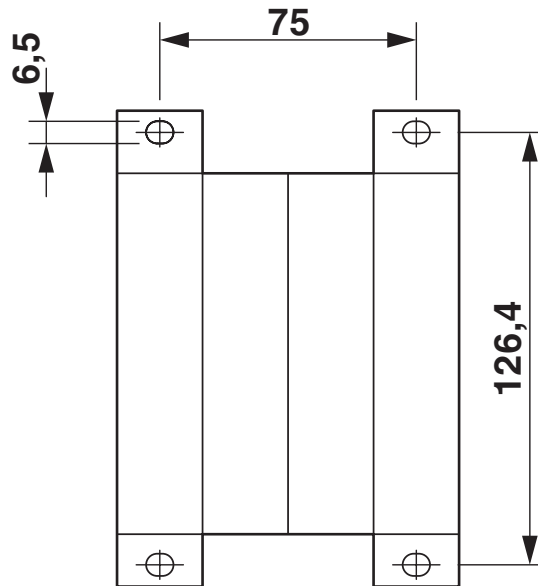
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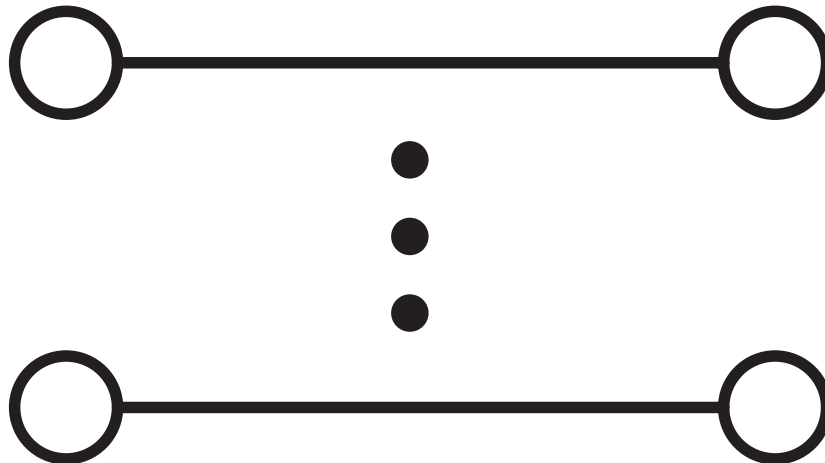
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Dimensional drawing



Circuit diagram




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## Approvals

 <b>CSA</b> Approval ID: 13631				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Use group B	600 V	230 A	4 - 4/0	-
Use group C	1000 V	230 A	4 - 4/0	-

 <b>cUL Recognized</b> Approval ID: E60425				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Use group C	1000 V	230 A	4 - 4/0	-

 <b>UL Recognized</b> Approval ID: E60425				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Use group E	1000 V	230 A	4 - 4/0	-

 <b>EAC</b> Approval ID: RU C-DE.AI30.B.01102				
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 <b>EAC</b> Approval ID: RU C-DE.BL08.B.00644				
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<b>DNV</b> Approval ID: TAE00000Z9				
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<b>cULus Recognized</b>				
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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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