

## Ground modular terminal block - PTPOWER 95-PE - 3260106

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Ground modular terminal block, Connection method: Push-in connection, Cross section: 25 mm<sup>2</sup> - 95 mm<sup>2</sup>, AWG: 4 - 3/0, Width: 25 mm, Color: green/yellow, Mounting type: 2.3 mm copper DIN rail

### 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
- ✓ Tested for railway applications



### Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	272.0 GRM
Custom tariff number	85369010
Country of origin	Poland

### Technical data

#### General

Number of levels	1
Number of connections	2
Color	green/yellow
Insulating material	PA
Inflammability class according to UL 94	V0
Area of application	Railway industry
	Mechanical engineering
	Plant engineering

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### Technical data

#### General

Maximum load current	232 A (with 95 mm <sup>2</sup> conductor cross section)
Rated surge voltage	8 kV
Pollution degree	3
Surge voltage category	III
Insulating material group	I
Connection in acc. with standard	IEC 60947-7-2
Maximum load current	232 A (with 95 mm <sup>2</sup> conductor cross section)
Nominal current I <sub>N</sub>	232 A
Maximum load current	232 A (with 95 mm <sup>2</sup> conductor cross section)
Open side panel	nein
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11
Back of the hand protection	guaranteed
Finger protection	guaranteed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 2, bogie mounted
Test frequency	f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 250 Hz
ASD level	6.12 (m/s <sup>2</sup> ) <sup>2</sup> /Hz
Acceleration	3.12 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Oscillation, broadband noise test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Shock test result	Test passed
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C

#### Dimensions

Width	25 mm
Length	105.5 mm
Height NS 35/15	108.7 mm

#### Connection data

Note	May only be mounted on 2.3 mm copper DIN rails
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### Technical data

#### Connection data

Connection in acc. with standard	IEC 60947-7-2
Connection method	Push-in connection
Conductor cross section solid min.	25 mm <sup>2</sup>
Conductor cross section solid max.	95 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	4
Conductor cross section AWG/kcmil max	3/0
Conductor cross section stranded min.	25 mm <sup>2</sup>
Conductor cross section stranded max.	95 mm <sup>2</sup>
Min. AWG conductor cross section, stranded	4
Max. AWG conductor cross section, stranded	4/0
Conductor cross section stranded, with ferrule without plastic sleeve min.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	95 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	95 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	95 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	70 mm <sup>2</sup>
Cross section with insertion bridge, solid max.	95 mm <sup>2</sup>
Cross section with insertion bridge, stranded max.	70 mm <sup>2</sup>
Stripping length	40 mm

### Classifications

#### eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141141
eCl@ss 6.0	27141141
eCl@ss 7.0	27141141
eCl@ss 8.0	27141141

#### ETIM

ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC000901

#### UNSPSC

UNSPSC 6.01	30211811
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## Classifications

### UNSPSC

UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

IECEX / ATEX / EAC Ex

#### Approvals submitted

### Approval details

UL Recognized	
mm <sup>2</sup> /AWG/kcmil	4-4/0
Nominal voltage UN	1000 V

cUL Recognized	
	C
mm <sup>2</sup> /AWG/kcmil	4-4/0
Nominal voltage UN	1000 V

EAC
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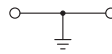
## Ground modular terminal block - PTPOWER 95-PE - 3260106

### Approvals



### Drawings

Circuit diagram



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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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