

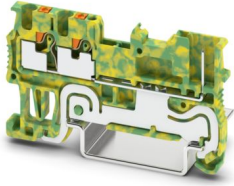
# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block



3212374

<https://www.phoenixcontact.com/us/products/3212374>

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.



Protective conductor terminal block, number of connections: 3, connection method: Push-in / plug connection, 1 level, cross section: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: green-yellow

## Your advantages

- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The compact design and front connection enable 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
- Tested for railway applications

## Commercial data

Item number	3212374
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2242
GTIN	4046356641333
Weight per piece (including packing)	5.856 g
Weight per piece (excluding packing)	5.504 g
Customs tariff number	85369010
Country of origin	DE

# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block



3212374

<https://www.phoenixcontact.com/us/products/3212374>

## Technical data

### Product properties

Product type	Ground terminal block
Product family	PT
Area of application	Railway industry
	Machine building
	Plant engineering
Number of connections	3
Number of rows	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	0.56 W

### Connection data

Grounding foot	Yes
Number of connections per level	3
Nominal cross section	1.5 mm <sup>2</sup>

#### 1 level

Connection method	Push-in / plug connection
Note	Please observe the current carrying capacity of the DIN rails.
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A1 / B1
Connection in acc. with standard	IEC 61984
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Cross section AWG	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible ultrasound-compressed	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible [AWG] ultrasound-compressed	22 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup> (Using the AI-S 1-8 TQ ferrule, Item No. 1200293, is recommended)
Maximum load current	17.5 A (with 1.5 mm <sup>2</sup> conductor cross-section)

#### 1 level Connection cross sections directly pluggable

Conductor cross-section rigid	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible (ferrule without plastic sleeve)	0.34 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	0.34 mm <sup>2</sup> ... 1 mm <sup>2</sup>

# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block



3212374

<https://www.phoenixcontact.com/us/products/3212374>

## Dimensions

Width	3.5 mm
End cover width	2.2 mm
Height	55 mm
Depth on NS 35/7,5	32 mm
Depth on NS 35/15	39.5 mm

## Material specifications

Color	green-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))	130 °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)	28 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	Yes
-----------------	-----

## Environmental and real-life conditions

### Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Long life test category 1, class B, body mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	$1.857 \text{ (m/s}^2\text{)}^2\text{/Hz}$
Acceleration	0.8g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

### Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine

# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block



3212374

<https://www.phoenixcontact.com/us/products/3212374>

Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-60 °C ... 100 °C (max. operating temperature range including self-heating, see derating curve)
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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC 61984
----------------------------------	-----------

## Mounting

Mounting type	NS 35/7,5
	NS 35/15

# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block

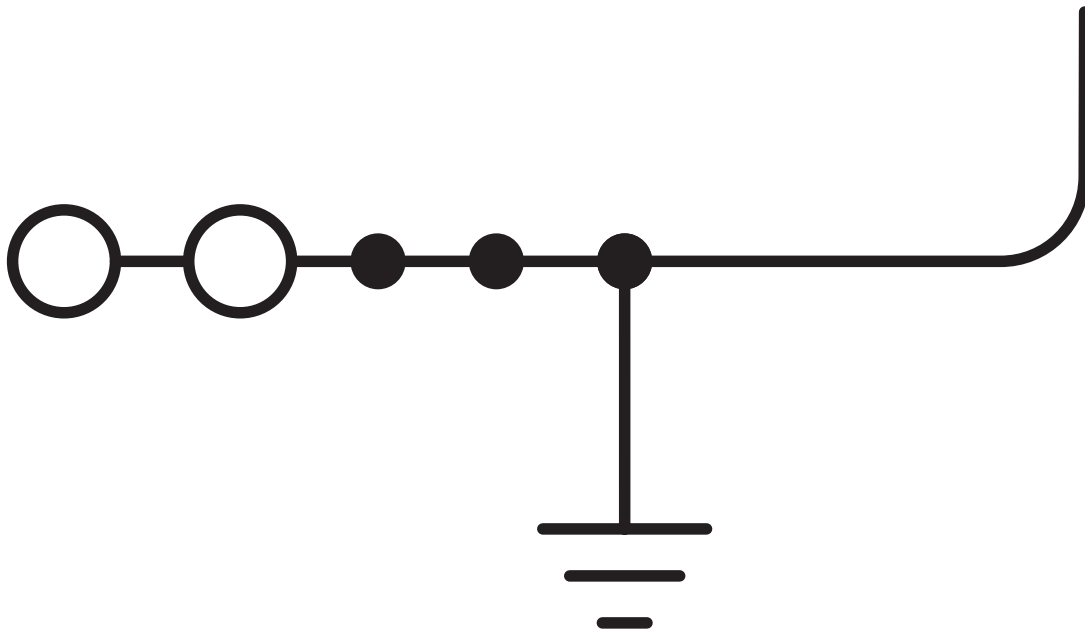


3212374

<https://www.phoenixcontact.com/us/products/3212374>

## Drawings

Circuit diagram



# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block




3212374

<https://www.phoenixcontact.com/us/products/3212374>


## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3212374>

 <b>CSA</b> Approval ID: 158887				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine				
	-	-	26 - 14	-


 <b>IECEE CB Scheme</b> Approval ID: DE1-65179				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
keine				
	500 V	-	-	-

 <b>EAC</b> Approval ID: RU C-DE.BL08.B.00644				
-------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--

 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
B				
	-	-	26 - 14	-
C				
	-	-	26 - 14	-
D				
	-	-	26 - 14	-

 <b>LR</b> Approval ID: LR2371832TA				
---------------------------------------------------------------------------------------------------------------------------	--	--	--	--

 <b>NK</b> Approval ID: 14ME0912				
------------------------------------------------------------------------------------------------------------------------	--	--	--	--

 <b>BV</b> Approval ID: 39979/B0 BV				
---------------------------------------------------------------------------------------------------------------------------	--	--	--	--

 <b>VDE Gutachten mit Fertigungsüberwachung</b> Approval ID: 40034766				
-------------------------------------------------------------------------------------------------------------------------------------------------------------	--	--	--	--

# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block



3212374

<https://www.phoenixcontact.com/us/products/3212374>

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine	500 V	-	-	-

## DNV

Approval ID: TAE000010T



## EAC

Approval ID: KZ7500651131219505

# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block



3212374

<https://www.phoenixcontact.com/us/products/3212374>

## Classifications

### ECLASS

ECLASS-13.0	27250103
ECLASS-15.0	27250103

### ETIM

ETIM 10.0	EC000901
-----------	----------

### UNSPSC

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

# PT 1,5/S-TWIN/1P-PE - Protective conductor terminal block



3212374

<https://www.phoenixcontact.com/us/products/3212374>

## 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](mailto:info@phoenixcon.com)