

# UT 4-PE - Ground terminal



3044128

<https://www.phoenixcontact.com/sg/products/3044128>

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.



Ground terminal, number of connections: 2, connection method: Screw connection, cross section: 0.14 mm<sup>2</sup> - 6 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: green-yellow

## Your advantages

- Tested for railway applications

## Commercial data

Item number	3044128
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	0180*
Product key	BE1121
Catalog page	Page 159 (C-1-2019)
GTIN	4017918960407
Weight per piece (including packing)	13.382 g
Weight per piece (excluding packing)	12.7 g
Customs tariff number	85369010
Country of origin	DE

# UT 4-PE - Ground terminal



3044128

<https://www.phoenixcontact.com/sg/products/3044128>

## Technical data

### Product properties

Product type	Ground terminal block
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Number of connections	2
Number of rows	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	1.02 W

### Connection data

Number of connections per level	2
Nominal cross section	4 mm <sup>2</sup>

### Level 1 above 1 below 1

Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.6 ... 0.8 Nm
Stripping length	9 mm
Internal cylindrical gage	A4
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.14 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Cross section AWG	26 ... 10 (converted acc. to IEC)
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	26 ... 10 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Note	Note: Product releases, connection cross sections and notes on connecting aluminum cables can be found in the download area.

### Ex data

#### Rated data (ATEX/IECEx)

Identification	⊕ II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
	3047028 D-UT 2,5/10

# UT 4-PE - Ground terminal



3044128

<https://www.phoenixcontact.com/sg/products/3044128>

Ex-certified accessories	1205053 SZS 0,6X3,5
	3022276 CLIPFIX 35-5
	3022218 CLIPFIX 35
output	(Permanent)

## Ex connection data General

Torque range	0.6 Nm ... 0.8 Nm
Nominal cross section	4 mm <sup>2</sup>
Rated cross section AWG	12
Connection capacity rigid	0.14 mm <sup>2</sup> ... 6 mm <sup>2</sup>
Connection capacity AWG	26 ... 10
Connection capacity flexible	0.14 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Connection capacity AWG	26 ... 12

## Dimensions

Width	6.2 mm
End cover width	2.2 mm
Height	47.7 mm
Depth	46.9 mm
Depth on NS 35/7,5	47.5 mm
Depth on NS 35/15	55 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))	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	Yes
-----------------	-----

## Environmental and real-life conditions

# UT 4-PE - Ground terminal



3044128

<https://www.phoenixcontact.com/sg/products/3044128>

## Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see 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 (operation)	20 % ... 90 %
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC 60947-7-2
----------------------------------	---------------

## Mounting

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

# UT 4-PE - Ground terminal

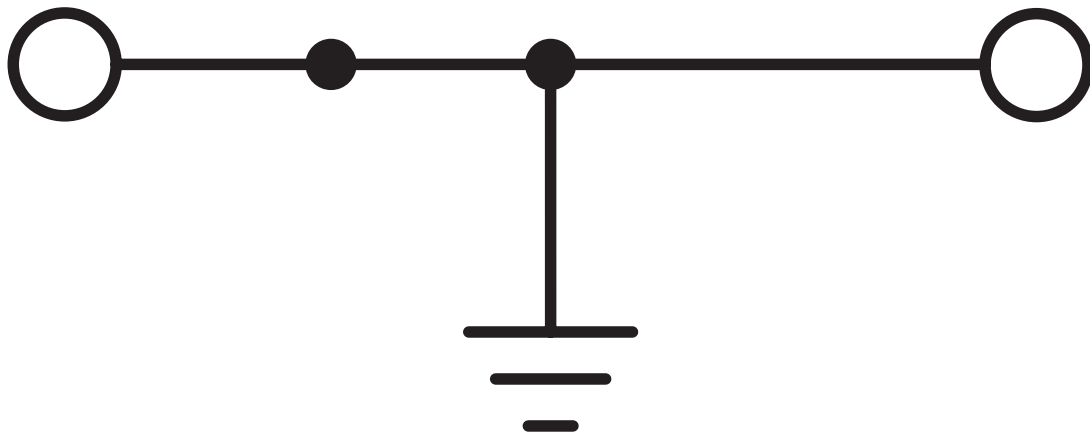
3044128

<https://www.phoenixcontact.com/sg/products/3044128>



## Drawings

Circuit diagram



# UT 4-PE - Ground terminal



3044128

<https://www.phoenixcontact.com/sg/products/3044128>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3044128>

**DNV**

Approval ID: TAE00001S9



**CSA**

Approval ID: 13631



**IECEE CB Scheme**

Approval ID: DE1-63045



**EAC**

Approval ID: RU C-DE.A\*30.B.01742



**cULus Recognized**

Approval ID: E60425



**VDE Gutachten mit Fertigungsüberwachung**

Approval ID: 40013715

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
	-	-	-	0.2 - 4



**CSA**

Approval ID: 13631



**cULus Recognized**

Approval ID: E60425



**ATEX**

Approval ID: KEMA04ATEX2048U

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
Only flexible conductors	-	-	-	0.14 - 4
Only rigid conductors	-	-	-	0.14 - 6



**EAC Ex**

Approval ID: KZ 7500525010101950

# UT 4-PE - Ground terminal



3044128

<https://www.phoenixcontact.com/sg/products/3044128>



**IECEX**

Approval ID: IECEX KEM 06.0027U

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Only flexible conductors	-	-	-	0.14 - 4
Only rigid conductors	-	-	-	0.14 - 6



**CCC**

Approval ID: 2020322313000622



**UKCA-EX**

Approval ID: DEKRA 21UKEX0304U

# UT 4-PE - Ground terminal

3044128

<https://www.phoenixcontact.com/sg/products/3044128>



## Classifications

### ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

### ETIM

ETIM 9.0	EC000901
----------	----------

### UNSPSC

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



# UT 4-PE - Ground terminal



3044128

<https://www.phoenixcontact.com/sg/products/3044128>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
	Lead(CAS: 7439-92-1)
SCIP	88ef98f6-0870-4a73-b392-7df2c3f15add

### EF3.0 Climate Change

CO2e kg	0.071 kg CO2e
---------	---------------

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.  
105 Eunos Avenue 3, #04-00  
Singapore 409836  
+65 6228 4900  
[marketing@phoenixcontact.com.sg](mailto:marketing@phoenixcontact.com.sg)