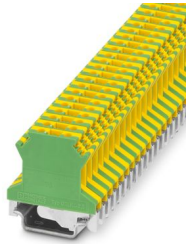


# USLKG 2,5 - Ground terminal

0441025

<https://www.phoenixcontact.com/pc/products/0441025>

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Ground terminal, number of connections: 2, number of positions: 1, connection method: Screw connection, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting: PE foot with mounting screw, M3, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

## Commercial data

Item number	0441025
Packing unit	50 pc
Minimum order quantity	1 pc
Product key	BE1221
GTIN	4017918002138
Weight per piece (including packing)	19.785 g
Weight per piece (excluding packing)	19.4 g
Customs tariff number	85369010
Country of origin	TR

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## Technical data

### Product properties

Product type	Ground terminal block
Number of positions	1
Number of connections	2
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 W

### Connection data

Grounding foot	Yes
Number of connections per level	2

### 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	7 mm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>

### Dimensions

Width	6.2 mm
Height	42.5 mm
Depth on NS 32	47 mm
Depth on NS 35/7,5	42 mm
Depth on NS 35/15	49.5 mm

### Material specifications

Color	green-yellow
Flammability rating according to UL 94	V2
Insulating material group	I
Insulating material	PA

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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

### General

Terminal block mounting	0.6 Nm ... 0.8 Nm (PE foot with mounting screw, M3)
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### Mechanical data

Open side panel	No
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## Environmental and real-life conditions

### 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
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15
	NS 32
Terminal block mounting	0.6 Nm ... 0.8 Nm (PE foot with mounting screw, M3)

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/0441025>

**DNV**

Approval ID: TAE00001CT



**CSA**

Approval ID: 13631

Nominal voltage  $U_N$

Nominal current  $I_N$

Cross section AWG

Cross section  $\text{mm}^2$

-

-

28 - 12

-



**EAC**

Approval ID: RU C-DE.BL08.B.00534



**cULus Recognized**

Approval ID: E60425

Nominal voltage  $U_N$

Nominal current  $I_N$

Cross section AWG

Cross section  $\text{mm}^2$

Use group B

-

-

24 - 12

-

Use group C

-

-

24 - 12

-



**LR**

Approval ID: LR2041789TA-02



**NK**

Approval ID: 09 ME 141



**RS**

Approval ID: 22.44.01.00083.250

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## Classifications

### ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

### ETIM

ETIM 9.0	EC000901
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### UNSPSC

UNSPSC 21.0	39121400
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## 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)
SCIP	05e25f32-b6bd-4e0e-b673-f2a85c3b6756

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PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

[info@phoenixcontact.com](mailto:info@phoenixcontact.com)