

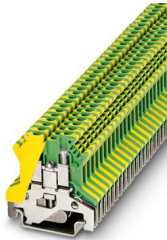
USLKG 2,5 N - Ground terminal



0441119

<https://www.phoenixcontact.com/sg/products/0441119>

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, number of positions: 1, connection method: Screw connection, cross section: 0.2 mm² - 4 mm², mounting method: PE foot with mounting screw, M2.5, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Commercial data

Item number	0441119
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	0102*
Product key	BE1221
Catalog page	Page 462 (C-1-2019)
GTIN	4017918002183
Weight per piece (including packing)	16.76 g
Weight per piece (excluding packing)	16.04 g
Customs tariff number	85369010
Country of origin	TR

USLKG 2,5 N - Ground terminal



0441119

<https://www.phoenixcontact.com/sg/products/0441119>

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	8 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	2
Nominal cross section	2.5 mm 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 ² ... 4 mm ²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	24 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 2.5 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 1.5 mm ²

Ex data

Rated data (ATEX/IECEx)

Identification	⊕ II 2 GD Ex eb IIC
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	1205053 SZS 0,6X3,5 1201442 E/UK
Torque range for PE foot	0.5 Nm ... 0.6 Nm
output	(Permanent)

Ex connection data General

Torque range	0.6 Nm ... 0.8 Nm
--------------	-------------------

USLKG 2,5 N - Ground terminal



0441119

<https://www.phoenixcontact.com/sg/products/0441119>

Nominal cross section	2.5 mm ²
Rated cross section AWG	14
Connection capacity rigid	0.2 mm ² ... 4 mm ²
Connection capacity AWG	24 ... 12
Connection capacity flexible	0.2 mm ² ... 2.5 mm ²
Connection capacity AWG	24 ... 14

Dimensions

Width	5.2 mm
Height	42.5 mm
Depth on NS 32	52 mm
Depth on NS 35/7,5	47 mm
Depth on NS 35/15	54.5 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

General

Terminal block mounting	0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5)
-------------------------	---

Mechanical data

Open side panel	No
-----------------	----

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)

USLKG 2,5 N - Ground terminal



0441119

<https://www.phoenixcontact.com/sg/products/0441119>

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
	NS 32
Terminal block mounting	0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5)

USLKG 2,5 N - Ground terminal

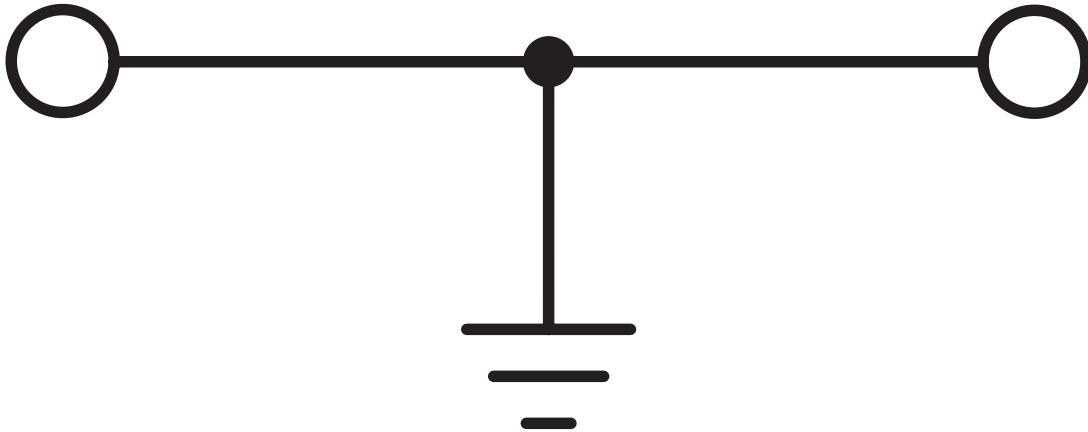
0441119

<https://www.phoenixcontact.com/sg/products/0441119>



Drawings

Circuit diagram



USLKG 2,5 N - Ground terminal



0441119

<https://www.phoenixcontact.com/sg/products/0441119>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/0441119>

DNV

Approval ID: TAE00001CT



CSA

Approval ID: 13631

Nominal voltage U_N

Nominal current I_N

Cross section AWG

Cross section mm^2

-

-

24 - 12

-



IECEE CB Scheme

Approval ID: NL-39729



EAC

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



cULus Recognized

Approval ID: E60425

Nominal voltage U_N

Nominal current I_N

Cross section AWG

Cross section mm^2

Use group B

-

-

24 - 12

-

Use group C

-

-

24 - 12

-



KEMA-KEUR

Approval ID: 71-130411

Nominal voltage U_N

Nominal current I_N

Cross section AWG

Cross section mm^2

-

-

-

- 2.5



LR

Approval ID: LR2041789TA-02



BV

Approval ID: 07774/E0 BV



ATEX

Approval ID: KEMA 96ATEX4370 U

USLKG 2,5 N - Ground terminal



0441119

<https://www.phoenixcontact.com/sg/products/0441119>



cUL Recognized
Approval ID: FILE E 192998

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	-	-	30 - 12	-



IECEx
Approval ID: IECEx KEM 06.0035U



UL Recognized
Approval ID: E192998

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	-	-	30 - 12	-



CCC
Approval ID: 2020322313000623

cULus Recognized

USLKG 2,5 N - Ground terminal



0441119

<https://www.phoenixcontact.com/sg/products/0441119>

Classifications

ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

ETIM

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

UNSPSC

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

USLKG 2,5 N - Ground terminal



0441119

<https://www.phoenixcontact.com/sg/products/0441119>

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 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