

USLKG 2,5 N - Protective conductor terminal block



0441119

<https://www.phoenixcontact.com/us/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.



Protective conductor terminal block, number of connections: 2, number of positions: 1, connection method: Screw connection, cross section: 0.2 mm^2 - 4 mm^2 , 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	BE12
Product key	BE1221
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 - Protective conductor terminal block



0441119

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

Technical data

Product properties

Product type	Ground terminal block
Product family	USLKG
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

Connection method	Screw connection
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

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

USLKG 2,5 N - Protective conductor terminal block



0441119

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

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)
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

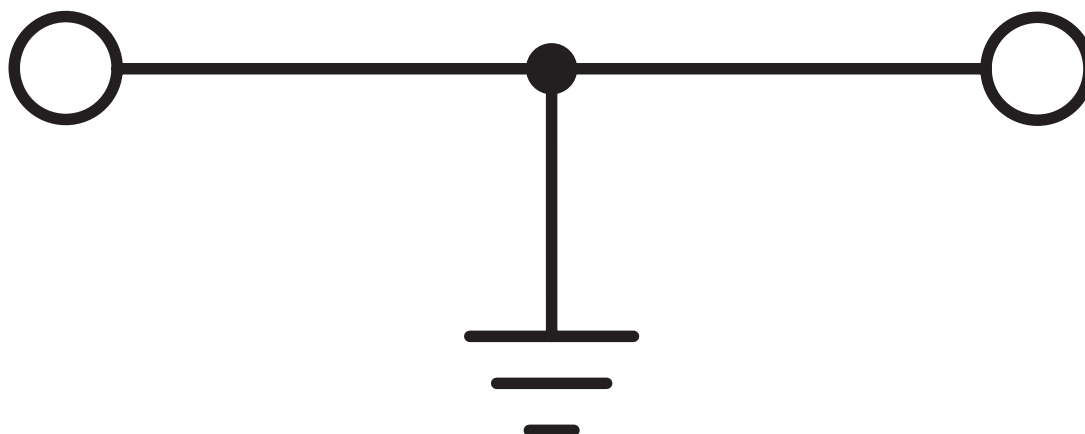
Connection in acc. with standard	IEC 60947-7-2
----------------------------------	---------------

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)

Drawings

Circuit diagram



USLKG 2,5 N - Protective conductor terminal block



0441119

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

Approvals

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

CSA Approval ID: 13631				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	-	-	24 - 12	-

CB IECEE CB Scheme Approval ID: NL-39729				
--	--	--	--	--

cULus cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	-	-	24 - 12	-
C				
	-	-	24 - 12	-

KEMA KEMA-KEUR Approval ID: 71-130411				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	-	-	-	- 2.5

BV Approval ID: 07774/E0 BV				
--------------------------------	--	--	--	--

DNV Approval ID: TAE00001CT				
--------------------------------	--	--	--	--

cUL cUL Recognized Approval ID: FILE E 192998				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	-	-	30 - 12	-

USLKG 2,5 N - Protective conductor terminal block



0441119

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

keine	 UL Recognized Approval ID: E192998			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	-	-	30 - 12	-

 EAC Ex Approval ID: KZ 7500525010101950	
---	--

USLKG 2,5 N - Protective conductor terminal block



0441119

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

Classifications

ECLASS

ECLASS-13.0	27250103
ECLASS-15.0	27250103

ETIM

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

UNSPSC

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

USLKG 2,5 N - Protective conductor terminal block



0441119
<https://www.phoenixcontact.com/us/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 USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com