

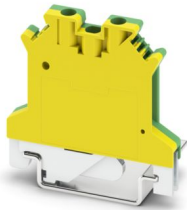
USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

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: 0.14 mm² - 1.5 mm², mounting method: PE foot with mounting screw, M2, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Commercial data

Item number	3005853
Packing unit	50 pc
Minimum order quantity	50 pc
Product key	BE1221
GTIN	4017918138929
Weight per piece (including packing)	12.86 g
Weight per piece (excluding packing)	12.65 g
Customs tariff number	85369010
Country of origin	PL

USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

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	0.56 W

Connection data

Number of connections per level	2
Nominal cross section	1.5 mm ²

Level 1 above 1 below 1

Connection method	Screw connection
Screw thread	M2
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.22 ... 0.25 Nm
Stripping length	7 mm
Internal cylindrical gage	A1
Connection in acc. with standard	IEC 60947-7-2
Conductor cross-section rigid	0.14 mm ² ... 1.5 mm ²
Cross section AWG	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross-section, flexible [AWG]	26 ... 16 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 0.75 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.25 mm ² ... 0.75 mm ²

Ex data

Rated data (ATEX/IECEx)

Identification	Ex II 2 GD Ex eb IIC Gb
Operating temperature range	-60 °C ... 110 °C
Ex-certified accessories	1205037 SZS 0,4X2,5 VDE 1201442 E/UK
Torque range for PE foot	0.22 Nm ... 0.25 Nm
output	(Permanent)

USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

Ex connection data General

Torque range	0.22 Nm ... 0.25 Nm
Nominal cross section	1.5 mm ²
Rated cross section AWG	16
Connection capacity rigid	0.14 mm ² ... 1.5 mm ²
Connection capacity AWG	26 ... 16
Connection capacity flexible	0.14 mm ² ... 1.5 mm ²
Connection capacity AWG	26 ... 16

Dimensions

Width	4.2 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	0.22 Nm ... 0.25 Nm (PE foot with mounting screw, M2)
-------------------------	---

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

USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

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	0.22 Nm ... 0.25 Nm (PE foot with mounting screw, M2)

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



Drawings

Circuit diagram



USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

Classifications

ECLASS

ECLASS-13.0	27250103
-------------	----------

ETIM

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

UNSPSC

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

USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

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	89d31df2-5656-4ec5-9e20-6af9ece6f135

USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

Accessories

SZS 0,4X2,5 VDE - Screwdriver

1205037

<https://www.phoenixcontact.com/pc/products/1205037>



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

NS 32 PERF 2000MM-VPE 10 - DIN rail perforated

1201002

<https://www.phoenixcontact.com/pc/products/1201002>



DIN rail perforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, G profile, color: silver

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 32 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201015

<https://www.phoenixcontact.com/pc/products/1201015>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, G profile, color: silver-colored

NS 35/ 7,5 PERF 2000MM - DIN rail perforated

0801733

<https://www.phoenixcontact.com/pc/products/0801733>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/ 7,5 UNPERF 2000MM - DIN rail, unperforated

0801681

<https://www.phoenixcontact.com/pc/products/0801681>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver-colored

NS 35/ 7,5 WH PERF 2000MM - DIN rail perforated

1204119

<https://www.phoenixcontact.com/pc/products/1204119>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, galvanized, white passivated, Standard profile, color: silver-colored

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204122

<https://www.phoenixcontact.com/pc/products/1204122>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, white passivated, Standard profile, color: silver-colored

NS 35/ 7,5 AL UNPERF 2000MM - DIN rail, unperforated

0801704

<https://www.phoenixcontact.com/pc/products/0801704>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver-colored

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/ 7,5 ZN PERF 2000MM - DIN rail perforated

1206421

<https://www.phoenixcontact.com/pc/products/1206421>



DIN rail perforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, zinc plating, Standard profile, color: silver-colored

NS 35/ 7,5 ZN UNPERF 2000MM - DIN rail, unperforated

1206434

<https://www.phoenixcontact.com/pc/products/1206434>



DIN rail, unperforated, Pack of 25 (50 m), acc. to EN 60715, material: Steel, zinc plating, Standard profile, color: silver-colored

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

0801762

<https://www.phoenixcontact.com/pc/products/0801762>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

NS 35/ 7,5 CAP - End cap

1206560

<https://www.phoenixcontact.com/pc/products/1206560>

DIN rail end piece, for DIN rail NS 35/7.5



USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/15 PERF 2000MM - DIN rail perforated

1201730

<https://www.phoenixcontact.com/pc/products/1201730>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver-colored

NS 35/15 UNPERF 2000MM - DIN rail, unperforated

1201714

<https://www.phoenixcontact.com/pc/products/1201714>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile, color: silver-colored

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/15 WH PERF 2000MM - DIN rail perforated

0806602

<https://www.phoenixcontact.com/pc/products/0806602>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, galvanized, white passivated, Standard profile, color: white

NS 35/15 WH UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1204135

<https://www.phoenixcontact.com/pc/products/1204135>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Steel, galvanized, white passivated, Standard profile, color: silver-colored

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/15 AL UNPERF 2000MM - DIN rail, unperforated

1201756

<https://www.phoenixcontact.com/pc/products/1201756>



DIN rail, unperforated, similar to EN 60715, material: Aluminum, uncoated, Standard profile, color: silver-colored

NS 35/15 ZN PERF 2000MM - DIN rail perforated

1206599

<https://www.phoenixcontact.com/pc/products/1206599>



DIN rail perforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, zinc plating, Standard profile, color: silver-colored

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/15 ZN UNPERF 2000MM - DIN rail, unperforated

1206586

<https://www.phoenixcontact.com/pc/products/1206586>



DIN rail, unperforated, Pack of 25 (50 m), similar to EN 60715, material: Steel, zinc plating, Standard profile, color: silver-colored

NS 35/15 CU UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201895

<https://www.phoenixcontact.com/pc/products/1201895>



DIN rail, unperforated, Pack of 10 (20 m), similar to EN 60715, material: Copper, uncoated, Standard profile, color: copper-colored

USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

NS 35/15 CAP - End cap

1206573

<https://www.phoenixcontact.com/pc/products/1206573>

DIN rail end piece, for DIN rail NS 35/15



ZB 4 :UNBEDRUCKT - Zack marker strip

0805001

<https://www.phoenixcontact.com/pc/products/0805001>



Zack marker strip, Strip, white, unmarked, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 4.2 mm, Number of individual labels: 10, text field height: 10.5 mm, text field width: 4.2 mm

USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

ZB 4 CUS - Zack marker strip

0824951

<https://www.phoenixcontact.com/pc/products/0824951>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 4.2 mm, Number of individual labels: 10, text field height: 10.5 mm, text field width: 4.2 mm

ZB 4,LGS:FORTL.ZAHLEN - Zack marker strip

0805739

<https://www.phoenixcontact.com/pc/products/0805739>



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: latching, for terminal block width: 4.2 mm, Number of individual labels: 10, text field height: 10.5 mm, text field width: 4.2 mm

USLKG 1,5 N - Protective conductor terminal block



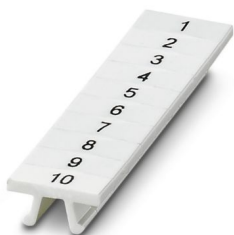
3005853

<https://www.phoenixcontact.com/pc/products/3005853>

ZB 4,QR:FORTL.ZAHLEN - Zack marker strip

0805807

<https://www.phoenixcontact.com/pc/products/0805807>



Zack marker strip, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: latching, for terminal block width: 4.2 mm, Number of individual labels: 10, text field height: 10.5 mm, text field width: 4.2 mm

UC-TM 4 - Marker for terminal blocks

0818111

<https://www.phoenixcontact.com/pc/products/0818111>



Marker for terminal blocks, Sheet, white, unmarked, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: latching, for terminal block width: 4.2 mm, Number of individual labels: 120, text field height: 10.5 mm, text field width: 3.6 mm

USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



UC-TM 4 CUS - Marker for terminal blocks

0824573

<https://www.phoenixcontact.com/pc/products/0824573>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 4.2 mm, Number of individual labels: 120, text field height: 10.5 mm, text field width: 3.6 mm

UCT-TM 4 - Marker for terminal blocks

0828732

<https://www.phoenixcontact.com/pc/products/0828732>



Marker for terminal blocks, Sheet, white, unmarked, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME 2.0, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, TOPMARK NEO, TOPMARK LASER, mounting type: latching, for terminal block width: 4.2 mm, Number of individual labels: 84, text field height: 10.5 mm, text field width: 3.6 mm

USLKG 1,5 N - Protective conductor terminal block



3005853

<https://www.phoenixcontact.com/pc/products/3005853>

UCT-TM 4 CUS - Marker for terminal blocks

0829588

<https://www.phoenixcontact.com/pc/products/0829588>



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 4.2 mm, Number of individual labels: 84, text field height: 10.5 mm, text field width: 3.6 mm

PAI-4 - Test adapter

3030925

<https://www.phoenixcontact.com/pc/products/3030925>



Test adapter, Touch proof against unintentional direct contact according to DIN EN 50274 when plugged in, for 4 mm test plug and terminal blocks with 8.2 mm pitch, number of positions: 1, color: gray

USLKG 1,5 N - Protective conductor terminal block



3005853

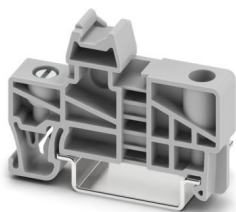
<https://www.phoenixcontact.com/pc/products/3005853>

E/UK - End bracket

1201442

<https://www.phoenixcontact.com/pc/products/1201442>

End bracket, material: PA, mounting type: NS 35/7,5, NS 35/15, color: gray



E/UK 1 - End bracket

1201413

<https://www.phoenixcontact.com/pc/products/1201413>

End clamps, for supporting the ends of double-level and three-level terminal blocks, width: 10 mm, color: gray



USLKG 1,5 N - Protective conductor terminal block

3005853

<https://www.phoenixcontact.com/pc/products/3005853>



NS 35/15-2,3 UNPERF 2000MM-VPE 10 - DIN rail, unperforated

1201798

<https://www.phoenixcontact.com/pc/products/1201798>



DIN rail, unperforated, Pack of 10 (20 m), acc. to EN 60715, material: Steel, galvanized, passivated with a thick layer, Standard profile 2.3 mm, color: silver-colored

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG

Flachsmarktstraße 8

D-32825 Blomberg

+49 (0) 5235-3 00

info@phoenixcontact.com