

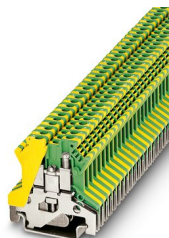
Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/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.



Ground modular terminal block, number of connections: 2, number of positions: 1, connection method: Screw connection, cross section: 0.14 mm² - 1.5 mm², mounting: PE foot with mounting screw, M2, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Commercial Data

Item number	3005853
Packing unit	50 pc
Minimum order quantity	1 pc
Sales Key	A1 - Reihenklennen
Product Key	BE1221
Catalog Page	Page 462 (C-1-2019)
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

Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/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

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	1.5 mm ²

Level 1 above 1 below 1

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
Conductor cross section solid	0.14 mm ² ... 1.5 mm ²
Cross section AWG	26 ... 16
Conductor cross section flexible	0.14 mm ² ... 1.5 mm ²
Conductor cross section, flexible [AWG]	26 ... 16
Flexible conductor cross section flexible (ferrule, w/o 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)

ATEX certificate	KEMA 99 ATEX 4487 U
IEC Ex certificate	IECEx KEM 06.0035 U
Identification	□ 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

Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/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
Height NS 35/15	49.5 mm
Height NS 35/7,5	42 mm
Height	1.654 "
Height NS 32	47 mm
Length	42.5 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	0.22 Nm ... 0.25 Nm (PE foot with mounting screw, M2)
-------------------------	---

Mechanical data

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

Environmental and real-life conditions

Ambient conditions

Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (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)

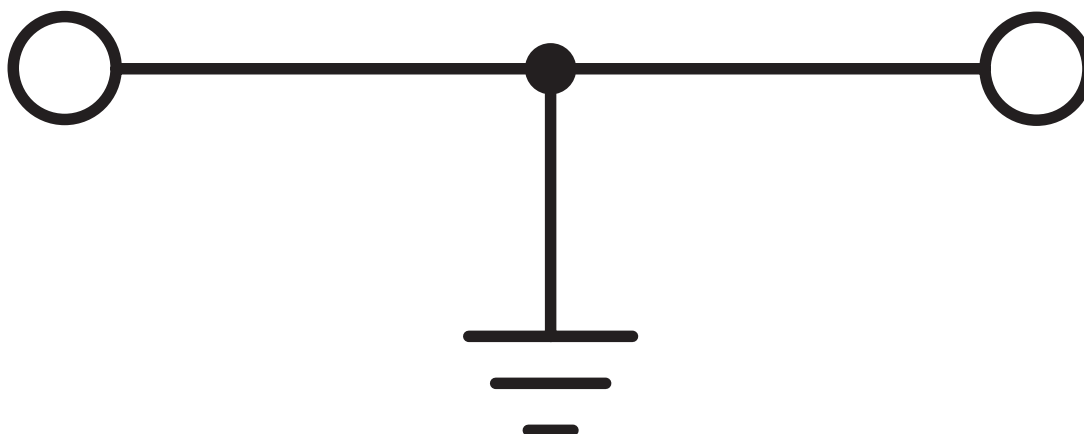
Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Drawings

Circuit diagram



Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Approvals

DNV Approval ID: TAE00001CT				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
			-	-

cULus Recognized Approval ID: E60425				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Use group B			26 - 14	-
Clamping screw			-	-
Use group C			26 - 14	-
Clamping screw			-	-

LR Approval ID: LR2041789TA				
---------------------------------------	--	--	--	--

KR Approval ID: HMB17372-EL001				
--	--	--	--	--

BV Approval ID: 07774/E0 BV				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
			-	-

ATEX Approval ID: KEMA99ATEX4487U				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
Type examination certificate			-	0.14 - 1.5

cUL Recognized Approval ID: E192998				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
			30 - 14	-

Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/3005853>



EAC Ex

Approval ID: RU C-DE.HA91.B.00066



IEC Ex

Approval ID: IECExKEM06.0035U

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
			-	0.14 - 1.5



UL Recognized

Approval ID: E192998

	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
			30 - 14	-



CCC

Approval ID: 2020322313000623



NEPSI

Approval ID: GYJ20.1195U

cULus Recognized

Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Classifications

ECLASS

ECLASS-9.0	27141141
ECLASS-10.0.1	27141141
ECLASS-11.0	27141141

ETIM

ETIM 8.0	EC000901
----------	----------

UNSPSC

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

Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Accessories

DIN rail perforated

DIN rail perforated - NS 32 PERF 2000MM-VPE 10 - 1201002

<https://www.phoenixcontact.com/de/produkte/1201002>



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

DIN rail, unperforated

DIN rail, unperforated - NS 32 UNPERF 2000MM-VPE 10 - 1201015

<https://www.phoenixcontact.com/de/produkte/1201015>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

DIN rail perforated

DIN rail perforated - NS 35/ 7,5 PERF 2000MM - 0801733

<https://www.phoenixcontact.com/de/produkte/0801733>



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

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 UNPERF 2000MM - 0801681

<https://www.phoenixcontact.com/de/produkte/0801681>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

DIN rail perforated

DIN rail perforated - NS 35/ 7,5 WH PERF 2000MM - 1204119

<https://www.phoenixcontact.com/de/produkte/1204119>



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

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 WH UNPERF 2000MM-VPE 10 - 1204122

<https://www.phoenixcontact.com/de/produkte/1204122>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 AL UNPERF 2000MM - 0801704

<https://www.phoenixcontact.com/de/produkte/0801704>



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

DIN rail perforated

DIN rail perforated - NS 35/ 7,5 ZN PERF 2000MM - 1206421

<https://www.phoenixcontact.com/de/produkte/1206421>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 ZN UNPERF 2000MM - 1206434

<https://www.phoenixcontact.com/de/produkte/1206434>



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

DIN rail, unperforated

DIN rail, unperforated - NS 35/ 7,5 CU UNPERF 2000MM-VPE 10 - 0801762

<https://www.phoenixcontact.com/de/produkte/0801762>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

End cap

End cap - NS 35/ 7,5 CAP - 1206560

<https://www.phoenixcontact.com/de/produkte/1206560>

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



DIN rail perforated

DIN rail perforated - NS 35/15 PERF 2000MM - 1201730

<https://www.phoenixcontact.com/de/produkte/1201730>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 UNPERF 2000MM - 1201714

<https://www.phoenixcontact.com/de/produkte/1201714>



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

DIN rail perforated

DIN rail perforated - NS 35/15 WH PERF 2000MM - 0806602

<https://www.phoenixcontact.com/de/produkte/0806602>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 WH UNPERF 2000MM-VPE 10 - 1204135

<https://www.phoenixcontact.com/de/produkte/1204135>



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

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 AL UNPERF 2000MM - 1201756

<https://www.phoenixcontact.com/de/produkte/1201756>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

DIN rail perforated

DIN rail perforated - NS 35/15 ZN PERF 2000MM - 1206599

<https://www.phoenixcontact.com/de/produkte/1206599>



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

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 ZN UNPERF 2000MM - 1206586

<https://www.phoenixcontact.com/de/produkte/1206586>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

DIN rail, unperforated

DIN rail, unperforated - NS 35/15 CU UNPERF 2000MM-VPE 10 - 1201895

<https://www.phoenixcontact.com/de/produkte/1201895>



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

End cap

End cap - NS 35/15 CAP - 1206573

<https://www.phoenixcontact.com/de/produkte/1206573>

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



Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Zack marker strip

Zack marker strip - ZB 4 :UNBEDRUCKT - 0805001

<https://www.phoenixcontact.com/de/produkte/0805001>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 4.2 x 10.5 mm, Number of individual labels: 10

Zack marker strip

Zack marker strip - ZB 4 CUS - 0824951

<https://www.phoenixcontact.com/de/produkte/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, lettering field size: 4.2 x 10.5 mm, Number of individual labels: 10

Ground modular terminal block - USLKG 1,5 N

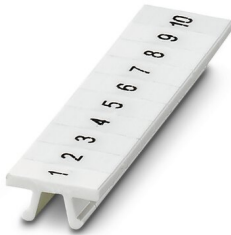
3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Zack marker strip

Zack marker strip - ZB 4,LGS:FORTL.ZAHLEN - 0805739

<https://www.phoenixcontact.com/de/produkte/0805739>

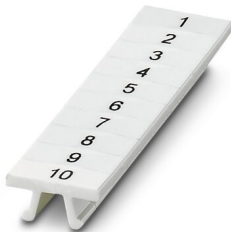


Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 4.2 x 10.5 mm, Number of individual labels: 10

Zack marker strip

Zack marker strip - ZB 4,QR:FORTL.ZAHLEN - 0805807

<https://www.phoenixcontact.com/de/produkte/0805807>



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

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Marker for terminal blocks

Marker for terminal blocks - UC-TM 4 - 0818111

<https://www.phoenixcontact.com/de/produkte/0818111>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

Marker for terminal blocks

Marker for terminal blocks - UC-TM 4 CUS - 0824573

<https://www.phoenixcontact.com/de/produkte/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, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Marker for terminal blocks

Marker for terminal blocks - UCT-TM 4 - 0828732

<https://www.phoenixcontact.com/de/produkte/0828732>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 84

Marker for terminal blocks

Marker for terminal blocks - UCT-TM 4 CUS - 0829588

<https://www.phoenixcontact.com/de/produkte/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, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 84

Ground modular terminal block - USLKG 1,5 N

3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

Test adapter

Test adapter - PAI-4 - 3030925

<https://www.phoenixcontact.com/de/produkte/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 4.2 mm pitch, color: gray

End clamp

End clamp - E/UK - 1201442

<https://www.phoenixcontact.com/de/produkte/1201442>



End clamp, material: PA, color: gray, Mounting on a DIN rail NS 32 or NS 35

Ground modular terminal block - USLKG 1,5 N



3005853

<https://www.phoenixcontact.com/de/produkte/3005853>

End clamp

End clamp - E/UK 1 - 1201413

<https://www.phoenixcontact.com/de/produkte/1201413>



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

DIN rail, unperforated

DIN rail, unperforated - NS 35/15-2,3 UNPERF 2000MM-VPE 10 - 1201798

<https://www.phoenixcontact.com/de/produkte/1201798>



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

Phoenix Contact 2022 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstraße 8
D-32825 Blomberg
+49 52 35/3-1 20 00
info@phoenixcontact.de