

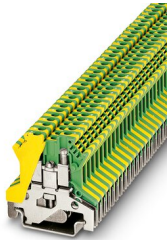
Ground modular terminal block - USLKG 1,5 N



3005853

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

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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

勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力電子(上海) 86-21-34970699
勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>

Commercial Data

Item number	3005853
Packing unit	1 pc
Minimum order quantity	50 pc
Sales Key	B01
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

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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	0.56 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

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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)
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Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

Ground modular terminal block - USLKG 1,5 N



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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
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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)

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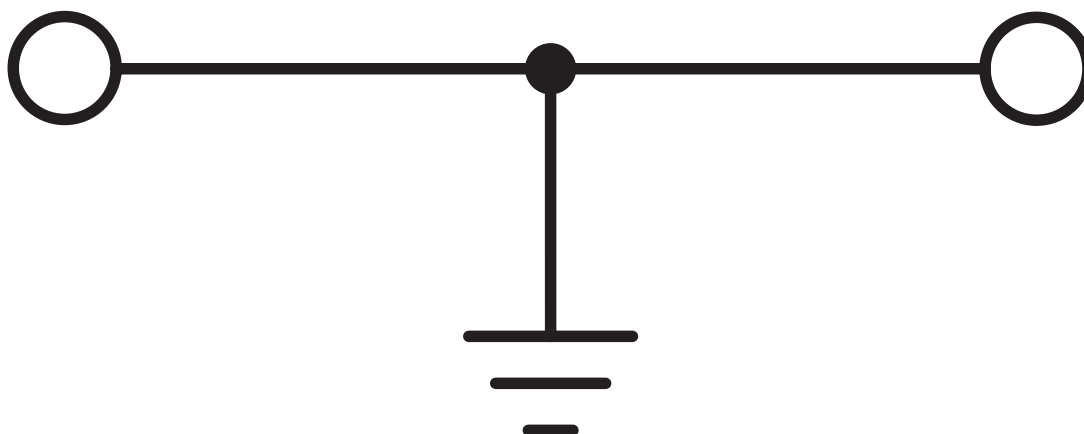


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Drawings

Circuit diagram



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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				
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KR Approval ID: HMB17372-EL001				
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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



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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



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Classifications

ECLASS

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

ETIM

ETIM 8.0	EC000901
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UNSPSC

UNSPSC 21.0	39121400
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Ground modular terminal block - USLKG 1,5 N



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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

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Accessories

DIN rail perforated

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

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

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

DIN rail perforated

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

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

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

DIN rail perforated

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

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

DIN rail, unperforated

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

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

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

DIN rail, unperforated

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

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

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

End cap

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

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

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

DIN rail, unperforated

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

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

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

DIN rail, unperforated

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

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

DIN rail perforated

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

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

DIN rail, unperforated

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

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

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



Ground modular terminal block - USLKG 1,5 N

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

Zack marker strip

Zack marker strip - ZB 4 :UNBEDRUCKT - 0805001

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

Ground modular terminal block - USLKG 1,5 N

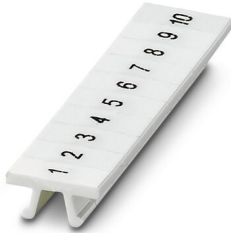
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<https://www.phoenixcontact.com/us/products/3005853>

Zack marker strip

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

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

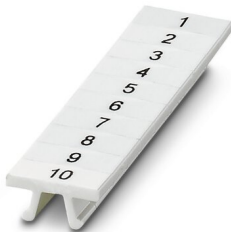


Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 4.2 x 10.5 mm, Number of individual labels: 10

Zack marker strip

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

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



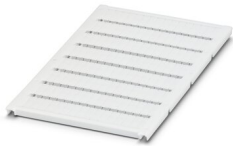
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Marker for terminal blocks

Marker for terminal blocks - UC-TM 4 - 0818111

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

Ground modular terminal block - USLKG 1,5 N

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Marker for terminal blocks

Marker for terminal blocks - UCT-TM 4 - 0828732

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

Ground modular terminal block - USLKG 1,5 N



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Test adapter

Test adapter - PAI-4 - 3030925

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

End clamp

End clamp - E/UK - 1201442

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

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勝特力電子(上海) 86-21-34970699
勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>

End clamp

End clamp - E/UK 1 - 1201413

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

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