

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>

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, connection method: Screw connection, Rated cross section: 35 mm<sup>2</sup>, cross section: 10 mm<sup>2</sup> - 35 mm<sup>2</sup>, mounting: PE foot with mounting screw, M5, mounting type: NS 35/7,5, NS 35/15, color: green-yellow

## Commercial data

Item number	3074143
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	BE1
Product key	BE1221
Catalog page	Page 465 (C-1-2019)
GTIN	4046356347303
Weight per piece (including packing)	79.84 g
Weight per piece (excluding packing)	79.4 g
Customs tariff number	85369010
Country of origin	CN

# USLKG 35 N - Ground terminal



3074143

<https://www.phoenixcontact.com/in/products/3074143>

## Technical data

### Product properties

Product type	Ground terminal block
Number of connections	2
Number of rows	1

### Data management status

Article revision	04
------------------	----

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	4.06 W

### Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	35 mm <sup>2</sup>

### Level 1 above 1 below 1

Screw thread	M6
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	3.2 ... 3.7 Nm
Stripping length	16 mm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	10 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Cross section AWG	6 ... 2 (converted acc. to IEC)
Conductor cross section flexible	10 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	6 ... 2 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	10 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	10 mm <sup>2</sup> ... 35 mm <sup>2</sup>
Nominal cross section	35 mm <sup>2</sup>

### Dimensions

Width	16 mm
Height	53.4 mm
Depth on NS 35/7,5	62 mm
Depth on NS 35/15	69.5 mm

### Material specifications

Color	green-yellow
-------	--------------

# USLKG 35 N - Ground terminal



3074143

<https://www.phoenixcontact.com/in/products/3074143>

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	2.5 Nm ... 3 Nm (PE foot with mounting screw, M5)
-------------------------	---

### Mechanical data

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

## Environmental and real-life conditions

### Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Service life test category 1, class B, body mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	1.857 (m/s <sup>2</sup> )/Hz
Acceleration	0.8g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

### Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

### Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating;
---------------------------------	--

# USLKG 35 N - Ground terminal



3074143

<https://www.phoenixcontact.com/in/products/3074143>

	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
Terminal block mounting	2.5 Nm ... 3 Nm (PE foot with mounting screw, M5)

# USLKG 35 N - Ground terminal

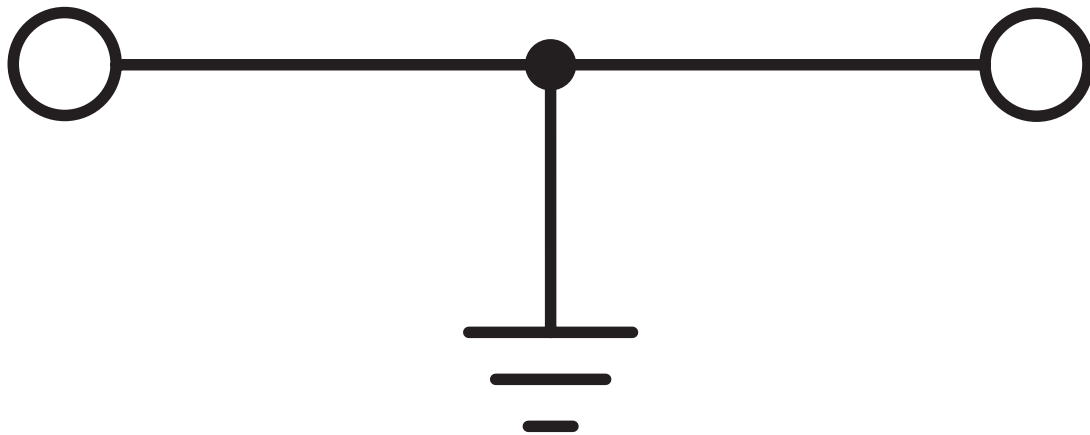
3074143

<https://www.phoenixcontact.com/in/products/3074143>



## Drawings

Circuit diagram



# USLKG 35 N - Ground terminal



3074143

<https://www.phoenixcontact.com/in/products/3074143>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/in/products/3074143>



**EAC**

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



**EAC**

Approval ID: RU C-DE.BL08.B.00534



**cULus Recognized**

Approval ID: E60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
Use group B	-	-	8 - 2	-
Use group C	-	-	8 - 2	-
Use group D	-	-	8 - 2	-



**CSA**

Approval ID: 13631

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	-	-	8 - 2	-

# USLKG 35 N - Ground terminal



3074143

<https://www.phoenixcontact.com/in/products/3074143>

## Classifications

### ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

### ETIM

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

### UNSPSC

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

# USLKG 35 N - Ground terminal



3074143

<https://www.phoenixcontact.com/in/products/3074143>

## 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%
-------------------------------------	----------------------------



# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## Accessories

### AP 3-TNS 35 - Cover

5022672

<https://www.phoenixcontact.com/in/products/5022672>



Sealable cover profile, for mounting on NS 35/7.5 DIN rail and for fixing the cover profile AP 3, with plastic knurled nut M5, space requirement: 13 mm

---

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

1201002

<https://www.phoenixcontact.com/in/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 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

1201015

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

---

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

0801733

<https://www.phoenixcontact.com/in/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 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

0801681

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

---

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

1204119

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



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

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

1204122

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



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

---

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

0801704

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



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

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

1206421

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



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

---

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

1206434

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



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

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

0801762

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

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



# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

1201730

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

---

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

1201714

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

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

0806602

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



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



# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

1201756

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



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

---

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

1206599

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



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

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



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

1206586

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



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

---

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

1201895

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



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

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## NS 35/15 CAP - End cap

1206573

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

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



---

## ZB 16:UNPRINTED - Zack marker strip

0827461

<https://www.phoenixcontact.com/in/products/0827461>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 16 mm, lettering field size: 16 x 10.5 mm, Number of individual labels: 50

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## ZB 16 CUS - Zack marker strip

0827463

<https://www.phoenixcontact.com/in/products/0827463>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 16 mm, lettering field size: 10.5 x 16 mm, Number of individual labels: 5

---

## ZB 16,LGS:L1-N,PE - Zack marker strip

0827462

<https://www.phoenixcontact.com/in/products/0827462>



Zack marker strip, Strip, white, labeled, printed horizontally: L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 16.3 mm, lettering field size: 10.5 x 16.25 mm, Number of individual labels: 5

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## UC-TM 16 - Marker for terminal blocks

0819217

<https://www.phoenixcontact.com/in/products/0819217>



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: 16 mm, lettering field size: 15.45 x 10.5 mm, Number of individual labels: 32

---

## UC-TM 16 CUS - Marker for terminal blocks

0824621

<https://www.phoenixcontact.com/in/products/0824621>



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: 16 mm, lettering field size: 15.45 x 10.5 mm, Number of individual labels: 32

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## UCT-TM 16 - Marker for terminal blocks

0829146

<https://www.phoenixcontact.com/in/products/0829146>



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: 16 mm, lettering field size: 14.8 x 9.6 mm, Number of individual labels: 18

---

## UCT-TM 16 CUS - Marker for terminal blocks

0829637

<https://www.phoenixcontact.com/in/products/0829637>



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: 16 mm, lettering field size: 14.8 x 9.6 mm, Number of individual labels: 18

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## E/UK - End bracket

1201442

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

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



---

## E/UK 1 - End bracket

1201413

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

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



# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## CLIPFIX 35 - End bracket

3022218

<https://www.phoenixcontact.com/in/products/3022218>



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

---

## CLIPFIX 35-5 - End bracket

3022276

<https://www.phoenixcontact.com/in/products/3022276>



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, with parking option for FBS...5, FBS...6, KSS 5, KSS 6, width: 5.15 mm, color: gray



# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## E/NS 35 N - End bracket

0800886

<https://www.phoenixcontact.com/in/products/0800886>



End clamp, width: 9.5 mm, color: gray

---

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

1201798

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

# USLKG 35 N - Ground terminal

3074143

<https://www.phoenixcontact.com/in/products/3074143>



## SZS 1,0X6,5 VDE - Screwdriver

1205079

<https://www.phoenixcontact.com/in/products/1205079>



Screwdriver, slot-headed, VDE insulated, size: 1.0 x 6.5 x 150 mm, 2-component grip, with non-slip grip

## AP 3 CM - Cover profile

5022876

<https://www.phoenixcontact.com/in/products/5022876>



Cover profile for covering terminal strips, snaps onto AP 3-TU, AP 3-TNS 35 cover profile carriers, can be labeled with AP-ES insert strip. A cover profile carrier is to be positioned at the ends and at intervals of around approx. 40 cm. Supply length: As per customer order

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.  
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420  
[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)