

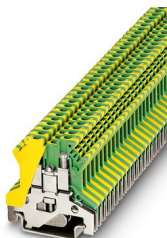
USLKG 2,5 N - Ground terminal



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.



Ground terminal, number of connections: 2, number of positions: 1, connection method: Screw connection, cross section: 0.2 mm² - 4 mm², mounting: 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 | 1 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE12 |
| Product key | BE1221 |
| Catalog page | Page 462 (C-1-2019) |
| 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 - Ground terminal



0441119

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

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 | 8 kV |
| Maximum power dissipation for nominal condition | 0.77 W |

Connection data

| | |
|---------------------------------|---------------------|
| Grounding foot | Yes |
| Number of connections per level | 2 |
| Nominal cross section | 2.5 mm ² |

Level 1 above 1 below 1

| | |
|---|--|
| 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 |

Ex data

Rated data (ATEX/IECEx)

| | |
|-----------------------------|-------------------------------------|
| Identification | Ⓔ II 2 GD Ex eb IIC |
| Operating temperature range | -60 °C ... 110 °C |
| Ex-certified accessories | 1205053 SZS 0,6X3,5 1201442 E/UK |
| Torque range for PE foot | 0.5 Nm ... 0.6 Nm |
| output | (Permanent) |

Ex connection data General

USLKG 2,5 N - Ground terminal



0441119

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

| | |
|------------------------------|---|
| Torque range | 0.6 Nm ... 0.8 Nm |
| Nominal cross section | 2.5 mm ² |
| Rated cross section AWG | 14 |
| Connection capacity rigid | 0.2 mm ² ... 4 mm ² |
| Connection capacity AWG | 24 ... 12 |
| Connection capacity flexible | 0.2 mm ² ... 2.5 mm ² |
| Connection capacity AWG | 24 ... 14 |

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 |
| 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 ... 105 °C (max. short-term operating temperature RTI Elec.) |
|---------------------------------|---|

USLKG 2,5 N - Ground terminal



0441119

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

| | |
|--|---|
| 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 | 0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5) |

USLKG 2,5 N - Ground terminal

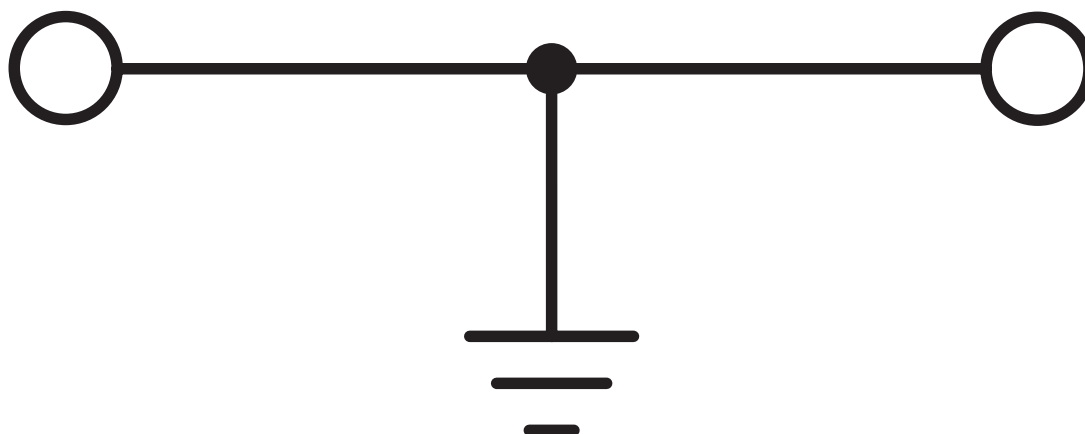
0441119

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



Drawings

Circuit diagram



USLKG 2,5 N - Ground terminal



0441119

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

Approvals

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

DNV

Approval ID: TAE00001CT



CSA

Approval ID: 13631

Nominal voltage U_N

Nominal current I_N

Cross section AWG

Cross section mm^2

-

-

24 - 12

-



IECEE CB Scheme

Approval ID: NL-39729



EAC

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



cULus Recognized

Approval ID: E60425

Nominal voltage U_N

Nominal current I_N

Cross section AWG

Cross section mm^2

Use group B

-

-

24 - 12

-

Use group C

-

-

24 - 12

-



KEMA-KEUR

Approval ID: 71-102499

Nominal voltage U_N

Nominal current I_N

Cross section AWG

Cross section mm^2

-

-

-

- 2.5



LR

Approval ID: LR2041789TA-02



KR

Approval ID: HMB17372-EL001



BV

Approval ID: 07774/E0 BV

USLKG 2,5 N - Ground terminal



0441119

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



ATEX

Approval ID: KEMA 96ATEX4370 U



cUL Recognized

Approval ID: FILE E 192998

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | - | - | 30 - 12 | - |



EAC Ex

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



IECEx

Approval ID: IECEx KEM 06.0035U



UL Recognized

Approval ID: E192998

| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | - | - | 30 - 12 | - |



CCC

Approval ID: 2020322313000623

cULus Recognized

USLKG 2,5 N - Ground terminal



0441119

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

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141141 |
| ECLASS-13.0 | 27250103 |

ETIM

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

UNSPSC

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

USLKG 2,5 N - Ground terminal



0441119

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

Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

USLKG 2,5 N - Ground terminal



0441119

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

Accessories

SBS 5:UNBEDRUCKT - Marker card

1007219

<https://www.phoenixcontact.com/us/products/1007219>



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, perforated, mounting type: snap into tall marker groove, snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 6 x 5.1 mm, Number of individual labels: 250

X-PEN 0,35 - Marker pen

0811228

<https://www.phoenixcontact.com/us/products/0811228>



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

USLKG 2,5 N - Ground terminal

0441119

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



SZS 0,6X3,5 - Screwdriver

1205053

<https://www.phoenixcontact.com/us/products/1205053>



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

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

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)

USLKG 2,5 N - Ground terminal

0441119

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



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

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)

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

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)

USLKG 2,5 N - Ground terminal

0441119

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



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

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)

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

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)

USLKG 2,5 N - Ground terminal

0441119

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



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

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)

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

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)

USLKG 2,5 N - Ground terminal

0441119

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



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

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)

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

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)

USLKG 2,5 N - Ground terminal

0441119

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



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

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)

NS 35/ 7,5 CAP - End cap

1206560

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

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



USLKG 2,5 N - Ground terminal

0441119

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



NS 35/15 PERF 2000MM - DIN rail perforated

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)

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

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)

USLKG 2,5 N - Ground terminal

0441119

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



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

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)

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

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)

USLKG 2,5 N - Ground terminal

0441119

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



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

1201756

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



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

USLKG 2,5 N - Ground terminal

0441119

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



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

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)

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

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)

USLKG 2,5 N - Ground terminal

0441119

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



NS 35/15 CAP - End cap

1206573

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

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



ZB 5 :UNBEDRUCKT - Zack marker strip

1050004

<https://www.phoenixcontact.com/us/products/1050004>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.1 x 10.5 mm, Number of individual labels: 10

USLKG 2,5 N - Ground terminal

0441119

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



ZB 5 CUS - Zack marker strip

0824962

<https://www.phoenixcontact.com/us/products/0824962>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

ZB 5,LGS:FORTL.ZAHLEN - Zack marker strip

1050017

<https://www.phoenixcontact.com/us/products/1050017>



Zack marker strip, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

USLKG 2,5 N - Ground terminal

0441119

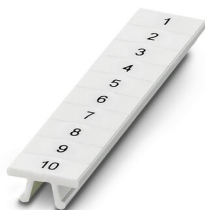
<https://www.phoenixcontact.com/us/products/0441119>



ZB 5,QR:FORTL.ZAHLEN - Zack marker strip

1050020

<https://www.phoenixcontact.com/us/products/1050020>



Zack marker strip, white, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm

ZB 5,LGS:GLEICHE ZAHLEN - Zack marker strip

1050033

<https://www.phoenixcontact.com/us/products/1050033>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: Identical numbers 1 or 2, etc. up to 100, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

USLKG 2,5 N - Ground terminal

0441119

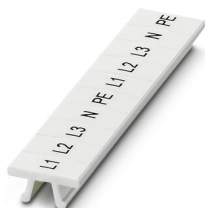
<https://www.phoenixcontact.com/us/products/0441119>



ZB 5,LGS:L1-N,PE - Zack marker strip

1050415

<https://www.phoenixcontact.com/us/products/1050415>



Zack marker strip, Strip, white, labeled, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 5.2 mm, lettering field size: 5.15 x 10.5 mm, Number of individual labels: 10

UC-TM 5 - Marker for terminal blocks

0818108

<https://www.phoenixcontact.com/us/products/0818108>



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 96

USLKG 2,5 N - Ground terminal

0441119

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



UC-TM 5 CUS - Marker for terminal blocks

0824581

<https://www.phoenixcontact.com/us/products/0824581>



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: 5.2 mm, lettering field size: 10.5 x 4.6 mm, Number of individual labels: 96

UCT-TM 5 - Marker for terminal blocks

0828734

<https://www.phoenixcontact.com/us/products/0828734>



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

USLKG 2,5 N - Ground terminal

0441119

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



UCT-TM 5 CUS - Marker for terminal blocks

0829595

<https://www.phoenixcontact.com/us/products/0829595>



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: 5.2 mm, lettering field size: 4.6 x 10.5 mm, Number of individual labels: 72

GBS 5-25X12 - Group marker label for terminal marking

0810588

<https://www.phoenixcontact.com/us/products/0810588>



Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5

USLKG 2,5 N - Ground terminal



0441119

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

GBS 5-25X5 - Group marker label for terminal marking

0829126

<https://www.phoenixcontact.com/us/products/0829126>



Group marking label, can be snapped into terminal center for screw, spring-cage, push-in, and fast connection terminal blocks, can be labeled with a 24 x 4 mm label or manually using B-STIFT, in the foot part with ZB 5

STP 5-2-ZB - Marker carriers

3037643

<https://www.phoenixcontact.com/us/products/3037643>



Marker carriers, snaps into ST 2,5 spring-cage terminal blocks, can be marked with UC-TM 5, UC-TMF 5, UCT-TM 5, UCT-TMF 5, ZB 5, or ZBF 5, gray, unlabeled, mounting type: snapped

USLKG 2,5 N - Ground terminal

0441119

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



E/UK - End clamp

1201442

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

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



E/UK 1 - End clamp

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



USLKG 2,5 N - Ground terminal

0441119

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



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

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)

Phoenix Contact 2023 © - 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