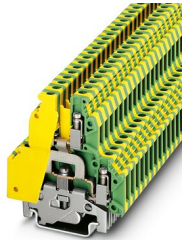


# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

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Ground modular terminal block, number of connections: 4, connection method: Screw connection, 1st and 2nd level, cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting: PE foot with mounting screw, M3, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

## Your advantages

- Same shape and pitch as the feed-through terminal blocks
- Universal protective conductor foot for mounting on NS 35... or NS 32... DIN rails (with the exception of NS 35/15-2,3)
- The offset levels offer unobstructed access to the lower connection level even when fully wired

# Ground modular terminal block - UKK 5-PE



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## Commercial Data

Item number	2774211
Packing unit	50 pc
Minimum order quantity	50 pc
Sales Key	A1 - Reihenklennen
Product Key	BE1224
Catalog Page	Page 475 (C-1-2019)
GTIN	4017918068356
Weight per Piece (including packing)	30,047 g
Weight per Piece (excluding packing)	29,42 g
Customs tariff number	85369010
Country of origin	TR

# Ground modular terminal block - UKK 5-PE



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## Technical Data

### Product properties

Product type	Ground terminal block
Number of connections	4
Number of rows	2

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.02 W

### Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	4 mm <sup>2</sup>

### 1st and 2nd level

Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.6 ... 0.8 Nm
Stripping length	8 mm
Conductor cross section solid	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	24 ... 12
Conductor cross section flexible	0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	24 ... 12
Flexible conductor cross section flexible (ferrule, w/o plastic sleeve)	0.25 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

### Dimensions

Width	6.2 mm
Height NS 35/15	69.5 mm
Height NS 35/7,5	62 mm
Height	2.441 "
Height NS 32	67 mm
Length	56 mm

### Material specifications

Color	green-yellow
Flammability rating according to UL 94	V2
Insulating material group	I

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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	0.6 Nm ... 0.8 Nm (PE foot with mounting screw, M3)
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### Mechanical data

Open side panel	No
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## Environmental and real-life conditions

### Ambient conditions

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	0.6 Nm ... 0.8 Nm (PE foot with mounting screw, M3)

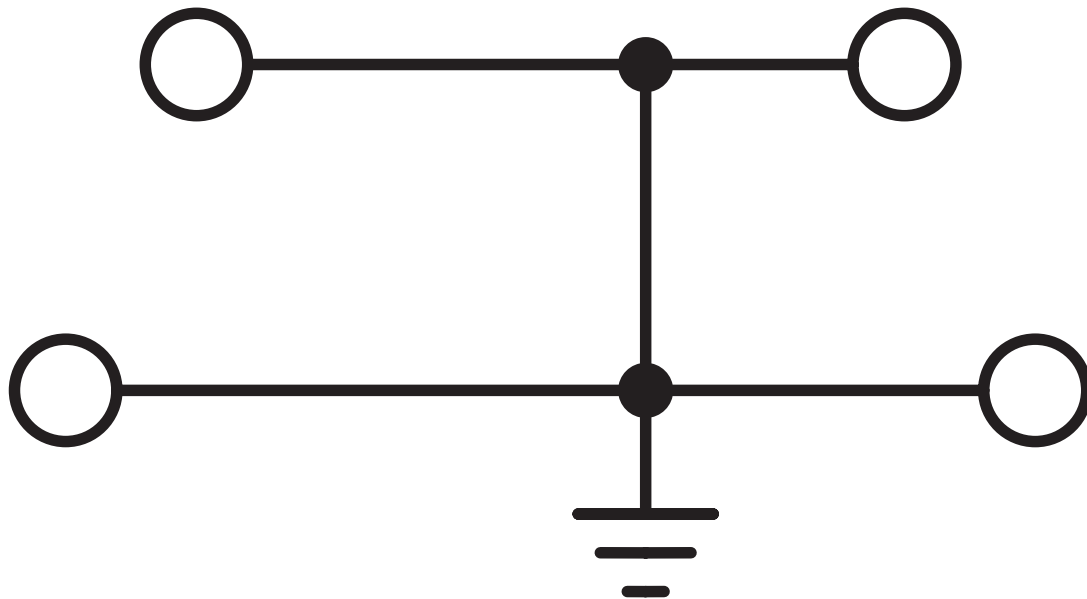
# Ground modular terminal block - UKK 5-PE

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## Drawings

Circuit diagram



# Ground modular terminal block - UKK 5-PE





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## Approvals

 <b>CSA</b> Approval ID: 13631				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
			28 - 10	-

 <b>EAC</b> Approval ID: RU C-DE.BL08.B.00534				
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 <b>cULus Recognized</b> Approval ID: E60425				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
Use group B			24 - 10	-
Clamping screw			-	-
Use group C			24 - 10	-
Clamping screw			-	-

# Ground modular terminal block - UKK 5-PE



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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 - UKK 5-PE



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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
	4-Nonylphenol, branched and linear
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 - UKK 5-PE

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## Accessories

### Marker card

Marker card - SBS 6:UNBEDRUCKT - 1007222

<https://www.phoenixcontact.com/de/produkte/1007222>



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, mounting type: snapped, snap into flat marker groove, for terminal block width: 6 mm, lettering field size: 6 x 6.1 mm, Number of individual labels: 250

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### 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)

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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)

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## 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)

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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)

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## 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)

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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)

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## 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)

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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)

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## 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)

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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)

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## 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



# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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)

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## 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)

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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)

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## 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)



# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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

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## 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)

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## 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)

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## 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)

# Ground modular terminal block - UKK 5-PE

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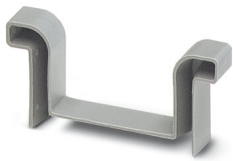
<https://www.phoenixcontact.com/de/produkte/2774211>

## 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



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## Zack marker strip

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003

<https://www.phoenixcontact.com/de/produkte/1051003>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## Zack marker strip

Zack marker strip - ZB 6 CUS - 0824992

<https://www.phoenixcontact.com/de/produkte/0824992>



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

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## Zack marker strip

Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016

<https://www.phoenixcontact.com/de/produkte/1051016>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

# Ground modular terminal block - UKK 5-PE

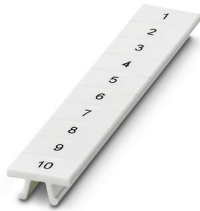
2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## Zack marker strip

Zack marker strip - ZB 6,QR:FORTL.ZAHLEN - 1051029

<https://www.phoenixcontact.com/de/produkte/1051029>



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

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## Zack marker strip

Zack marker strip - ZB 6,LGS:GLEICHE ZAHLEN - 1051032

<https://www.phoenixcontact.com/de/produkte/1051032>



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: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## Marker for terminal blocks

Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414

<https://www.phoenixcontact.com/de/produkte/1051414>



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

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## Marker for terminal blocks

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430

<https://www.phoenixcontact.com/de/produkte/1051430>



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: U, V, W, N, GND, U, V, W, N, GND, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

# Ground modular terminal block - UKK 5-PE

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<https://www.phoenixcontact.com/de/produkte/2774211>

## Marker for terminal blocks

Marker for terminal blocks - UC-TM 6 - 0818085

<https://www.phoenixcontact.com/de/produkte/0818085>



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

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## Marker for terminal blocks

Marker for terminal blocks - UC-TM 6 CUS - 0824589

<https://www.phoenixcontact.com/de/produkte/0824589>



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

# Ground modular terminal block - UKK 5-PE

2774211

<https://www.phoenixcontact.com/de/produkte/2774211>

## Marker for terminal blocks

Marker for terminal blocks - UCT-TM 6 - 0828736

<https://www.phoenixcontact.com/de/produkte/0828736>



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

## Marker for terminal blocks

Marker for terminal blocks - UCT-TM 6 CUS - 0829602

<https://www.phoenixcontact.com/de/produkte/0829602>



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: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60



# Ground modular terminal block - UKK 5-PE

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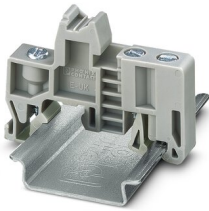
<https://www.phoenixcontact.com/de/produkte/2774211>

## 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



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## 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



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