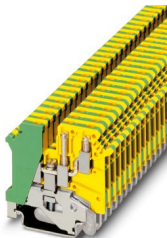# UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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.

1-level ground modular terminal block with single-sided double connection, cross section: 0.2 ... 4 mm^2, AWG: 24 - 12, width: 6.2 mm, 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)

Commercial data

Item number	1923076
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE12
Product key	BE1222
Catalog page	Page 469 (C-1-2019)
GTIN	4017918052461
Weight per piece (including packing)	24.7 g
Weight per piece (excluding packing)	24.7 g
Customs tariff number	85369010
Country of origin	PL

UK 5-TWIN-PE - Ground terminal

1923076

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Technical data

Product properties

Product type	Ground terminal block
Number of connections	3
Number of rows	2

Insulation characteristics

Overvoltage category	III
Degree of pollution	2

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	3
Nominal cross section	4 mm²

1 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
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm² ... 4 mm²
Cross section AWG	24 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm² ... 4 mm²
Conductor cross section, flexible [AWG]	24 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm² ... 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm² ... 2.5 mm²

Dimensions

Width	6.2 mm
Height	50.5 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	V2
Insulating material group	I
Insulating material	PA

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

Mechanical properties

General

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

Mechanical data

Open side panel	No

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; 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
	NS 32
Terminal block mounting	0.6 Nm ... 0.8 Nm (PE foot with mounting screw, M3)

Drawings

Circuit diagram

UK 5-TWIN-PE - Ground terminal

1923076
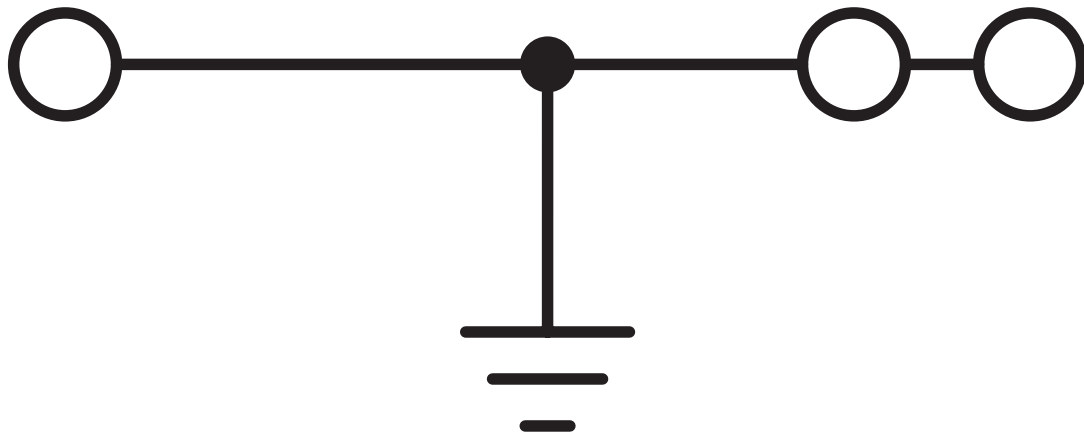
https://www.phoenixcontact.com/us/products/1923076

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1923076

DNV
Approval ID: TAE00001CT

IECEE CB Scheme
Approval ID: NL-39915_A1

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	-	-	-	- 4

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 mm^2
Use group B				
	-	-	30 - 10	-
Use group C				
	-	-	30 - 10	-
Use group F				
	-	-	30 - 10	-
Use group D				
	-	-	30 - 10	-

NK
Approval ID: 09 ME 141

KEMA-KEUR
Approval ID: 71-126335

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	-	-	-	- 4

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

Classifications

ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

ETIM

ETIM 8.0	EC000901

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	b8ed6d35-ad86-4a1d-b034-261bf806aedc

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

Accessories

SBS 6:UNBEDRUCKT - Marker card

1007222

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

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

1201002

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

1201015

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

0801681

https://www.phoenixcontact.com/us/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/us/products/1204119

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

1204122

https://www.phoenixcontact.com/us/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/us/products/0801704

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

1206421

https://www.phoenixcontact.com/us/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/us/products/1206434

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

0801762

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

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

NS 35/15 PERF 2000MM - DIN rail perforated

1201730

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

0806602

https://www.phoenixcontact.com/us/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/us/products/1204135

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

1206586

https://www.phoenixcontact.com/us/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/us/products/1201895

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

E/UK - End bracket

1201442

https://www.phoenixcontact.com/us/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/us/products/1201413

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

UK 5-TWIN-PE - Ground terminal

1923076

https://www.phoenixcontact.com/us/products/1923076

SF-SL 0,6X3,5-100 S-VDE - Screwdriver

1212587

https://www.phoenixcontact.com/us/products/1212587

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