

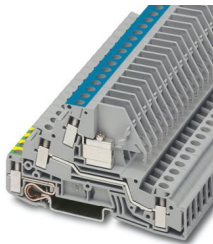
PIK 4-PE/L/NT - Installation ground terminal block



2714006

<https://www.phoenixcontact.com/pc/products/2714006>

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Installation ground terminal block, Assembly instructions:

For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips., nom. voltage: 400 V, nominal current: 32 A, Screw connection, 1st Level and 3rd level connection left, Rated cross section: 4 mm², cross section: 0.2 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: gray

Commercial data

Item number	2714006
Packing unit	50 pc
Minimum order quantity	1 pc
Product key	BE1253
Catalog page	Page 586 (C-3-2013)
GTIN	4017918061258
Weight per piece (including packing)	25.1 g
Weight per piece (excluding packing)	25.1 g
Customs tariff number	85369010
Country of origin	GR

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Technical data

Notes

General	Assembly instructions: For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
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Product properties

Product type	Ground terminal block
Number of connections	5
Number of rows	3

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	4 kV
Current carrying capacity of the neutral busbar	140 A

Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	4 mm ²

1st Level and 3rd level connection left

Screw thread	M3
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	0.5 ... 0.6 Nm
Stripping length	9 mm
Connection in acc. with standard	IEC 60947-7-1/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 ... 4 mm ²
Conductor cross section, flexible [AWG]	28 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 4 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 2.5 mm ²
2 conductors with same cross section, solid	0.2 mm ² ... 1.5 mm ²
2 conductors with same cross section, flexible	0.2 mm ² ... 1 mm ²
2 conductors with same cross section, flexible, with ferrule without plastic sleeve	0.25 mm ² ... 1 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ²
Nominal current	32 A
Maximum load current	32 A (with 4 mm ² conductor cross section)

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Nominal voltage	400 V (phase conductor/phase conductor)
	250 V (phase conductor/PE)
	250 V (phase conductor/N)
Nominal cross section	4 mm ²

Dimensions

Width	6.2 mm
End cover width	1.5 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V2
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)
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Mechanical data

Open side panel	Yes
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Standards and regulations

Connection in acc. with standard	IEC 60947-7-1/IEC 60947-7-2
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Mounting

Mounting type	NS 35/7,5
	NS 35/15
Screw thread	M2,5
Terminal block mounting	0.5 Nm ... 0.6 Nm (PE foot with mounting screw, M2.5)

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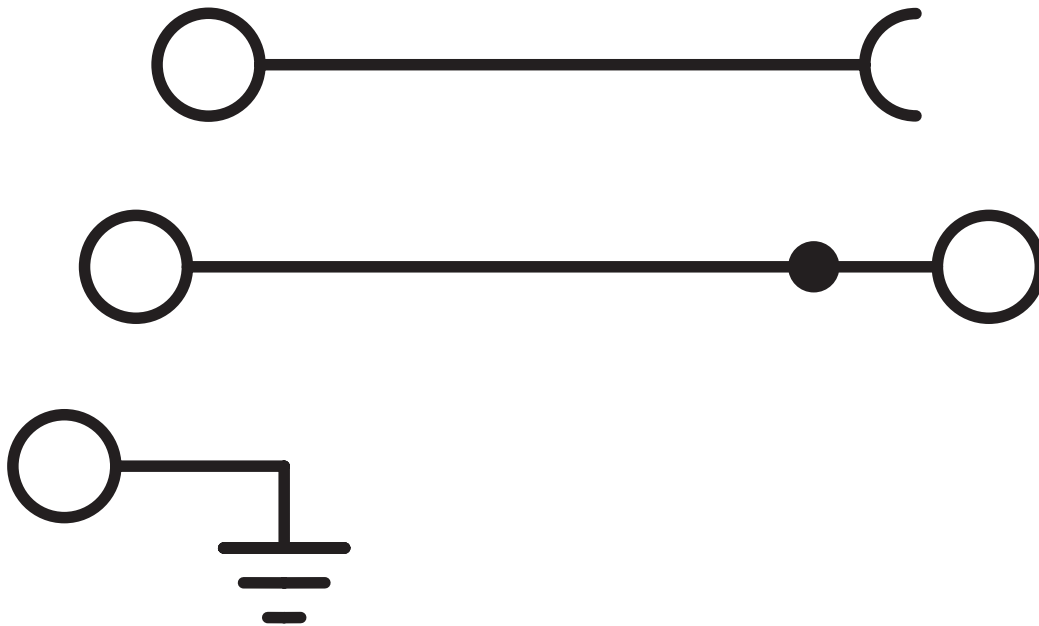


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Drawings

Circuit diagram



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Environmental product compliance

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.)	No substance above 0.1 wt%

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