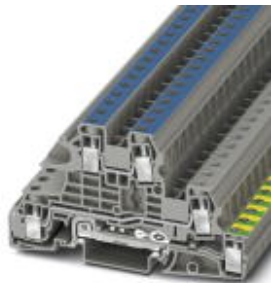


# Installation ground terminal block - UTI 6-PE/L/N - 3076041

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Installation ground terminal block, Screw connection, cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24 - 8, width: 8.2 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

## Your advantages

- ✓ The installation terminal block features a particularly low-profile design and is suitable for wiring in flat installation distributors



## Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356817639

## Technical data

### General

Note	<p>Assembly instruction:                      In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.                      The corresponding support brackets can be found at <a href="http://phoenixcontact.net/products">phoenixcontact.net/products</a></p>
Number of levels	3
Number of connections	5
Nominal cross section	6 mm <sup>2</sup>
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.31 W (the value is multiplied when connecting multiple levels)

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## Technical data

### General

Ambient temperature (operation)	-40 °C ... 130 °C
Nominal current $I_N$	38 A (with 6 mm <sup>2</sup> conductor cross section)
Maximum load current	47 A (with 10 mm <sup>2</sup> conductor cross section)
Nominal voltage $U_N$	400 V (phase conductor/phase conductor)
	250 V (phase conductor/PE)
	250 V (phase conductor/N)
Open side panel	Yes

### Dimensions

Width	8.2 mm
Length	95 mm
Height NS 35/7,5	51.5 mm
Height NS 35/15	59 mm

### Connection data

Note	Please observe the current carrying capacity of the DIN rails.
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	10 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	10 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm <sup>2</sup>
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
Connection method	Screw connection
Stripping length	9 mm
Internal cylindrical gage	A5
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

### Standards and Regulations

Flammability rating according to UL 94	V0
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### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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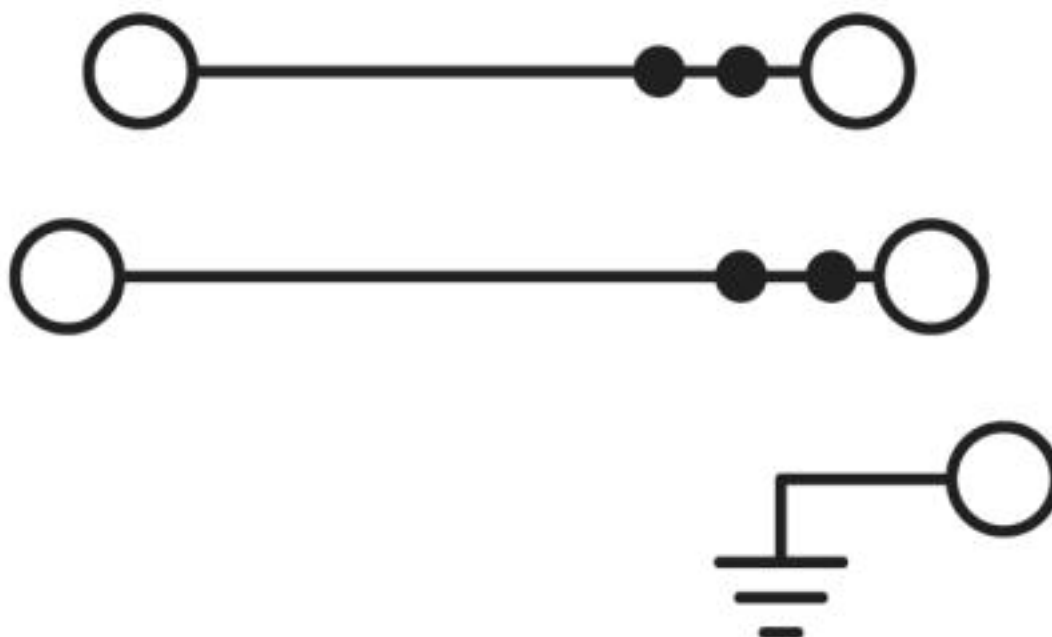
## Technical data

### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## Drawings

Circuit diagram



## Approvals

Approvals

Approvals

EAC

Ex Approvals

### Approval details

EAC		RU C- DE.A*30.B.01742
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