

# Installation ground terminal block - UTI 16-PE - 3073830

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Installation ground terminal block, connection method: Screw connection, number of connections: 2, number of positions: 1, cross section: 6 mm<sup>2</sup> - 25 mm<sup>2</sup>, AWG: 10 - 4, width: 12.2 mm, height: 49.9 mm, color: green-yellow, 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
- The asymmetrical arrangement of the terminal blocks on the DIN rail enables the neutral busbar to be routed past the terminal blocks



## Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356347259

## Technical data

### General

Number of positions	1
Number of levels	1
Number of connections	2
Nominal cross section	16 mm <sup>2</sup>
Color	green-yellow
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Designation	Level 1 above 1
Open side panel	No
Terminal block mounting	1.5 Nm ... 1.8 Nm (PE foot with mounting screw, M4)

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## Technical data

### General

Oscillation, broadband noise test result	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum	Service life test category 1, class B, body mounted
Test frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	0.02 $\text{g}^2/\text{Hz}$
Acceleration	0,8 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec., UL 746 B)	125 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	115 °C

### Dimensions

Width	12.2 mm
Length	51 mm
Height	49.9 mm
Height NS 35/7,5	50.5 mm
Height NS 35/15	58 mm

### Connection data

Note	Please observe the current carrying capacity of the DIN rails.
Connection	1st level connection right
Connection method	Screw connection
Screw thread	M5
Stripping length	12 mm
Tightening torque, min	2.5 Nm
Tightening torque max	3 Nm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section solid min.	6 $\text{mm}^2$
Conductor cross section solid max.	25 $\text{mm}^2$
Conductor cross section AWG min.	10
Conductor cross section AWG max.	4
Conductor cross section flexible min.	6 $\text{mm}^2$
Conductor cross section flexible max.	16 $\text{mm}^2$
Min. AWG conductor cross section, flexible	10

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## Technical data

### Connection data

Max. AWG conductor cross section, flexible	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve min.	6 mm <sup>2</sup>
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm <sup>2</sup>
2 conductors with same cross section, solid min.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid max.	10 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	4 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm <sup>2</sup>

### Standards and Regulations

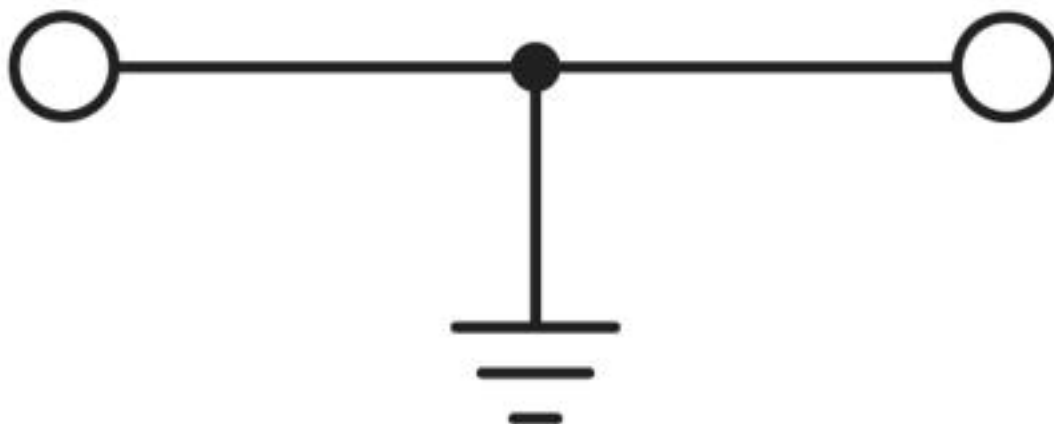
Connection in acc. with standard	IEC 60947-7-2
Flammability rating according to UL 94	V2

### Environmental Product Compliance

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

## Drawings

Circuit diagram



## Approvals

Approvals

## Installation ground terminal block - UTI 16-PE - 3073830

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

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