

# UTI 16-PE - Installation ground terminal block



3073830  
<https://www.phoenixcontact.com/us/products/3073830>

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.



Installation ground terminal block, number of connections: 2, number of positions: 1, connection method: Screw connection, 1st level connection right, Rated cross section: 16 mm<sup>2</sup>, cross section: 6 mm<sup>2</sup> - 25 mm<sup>2</sup>, mounting: PE foot with mounting screw, M4, mounting type: NS 35/7,5, NS 35/15, color: green-yellow

## Your advantages

- The asymmetrical arrangement of the terminal blocks on the DIN rail enables the neutral busbar to be routed past the terminal blocks
- The installation terminal block features a particularly low-profile design and is suitable for wiring in flat installation distributors

## Commercial data

Item number	3073830
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE01
Product key	BE1151
Catalog page	Page 185 (C-1-2019)
GTIN	4046356347259
Weight per piece (including packing)	50.224 g
Weight per piece (excluding packing)	47.82 g
Customs tariff number	85369010
Country of origin	CN

# UTI 16-PE - Installation ground terminal block



3073830

<https://www.phoenixcontact.com/us/products/3073830>

## Technical data

### Product properties

Product type	Ground terminal block
Number of positions	1
Number of connections	2
Number of rows	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	2.43 W

### Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	16 mm <sup>2</sup>

### 1st level connection right

Screw thread	M5
Note	Please observe the current carrying capacity of the DIN rails.
Tightening torque	2.5 ... 3 Nm
Stripping length	12 mm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	6 mm <sup>2</sup> ... 25 mm <sup>2</sup>
Cross section AWG	8 ... 4 (converted acc. to IEC)
Conductor cross section flexible	6 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	8 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	6 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	6 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Nominal cross section	16 mm <sup>2</sup>

### Dimensions

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

### Material specifications

Color	green-yellow
Flammability rating according to UL 94	V2

# UTI 16-PE - Installation ground terminal block



3073830

<https://www.phoenixcontact.com/us/products/3073830>

Insulating material group	I
Insulating material	PA
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	115 °C
Relative insulation material temperature index (Elec., UL 746 B)	125 °C

## Mechanical properties

### General

Terminal block mounting	1.5 Nm ... 1.8 Nm (PE foot with mounting screw, M4)
-------------------------	---

### Mechanical data

Open side panel	No
-----------------	----

## Environmental and real-life conditions

### Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Spectrum	Service life test category 1, class B, body mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$
ASD level	0.02g <sup>2</sup> /Hz
Acceleration	0.8g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Result	Test passed

### Shocks

Specification	DIN EN 50155 (VDE 0115-200):2008-03
Pulse shape	Half-sine
Acceleration	5g
Shock duration	30 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Result	Test passed

### 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
----------------------------------	---------------

# UTI 16-PE - Installation ground terminal block



3073830

<https://www.phoenixcontact.com/us/products/3073830>

## Mounting

Mounting type	NS 35/7,5
	NS 35/15
Terminal block mounting	1.5 Nm ... 1.8 Nm (PE foot with mounting screw, M4)

# UTI 16-PE - Installation ground terminal block



3073830

<https://www.phoenixcontact.com/us/products/3073830>

## Classifications

### ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

### ETIM

ETIM 9.0	EC000901
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

# UTI 16-PE - Installation ground terminal block



3073830  
<https://www.phoenixcontact.com/us/products/3073830>

## Environmental product compliance

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

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)