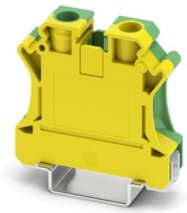
UTI 16-PE - Installation protective conductor terminal block

3073830

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

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Installation protective conductor terminal block, number of connections: 2, number of positions: 1, connection method: Screw connection, 1st level connection right, Rated cross section: 16 mm^2, cross section: 6 mm^2 - 25 mm^2, mounting method: 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
GTIN	4046356347259
Weight per piece (including packing)	49.26 g
Weight per piece (excluding packing)	47.82 g
Customs tariff number	85369010
Country of origin	CN

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

Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	16 mm²

1st level connection right

Connection method	Screw connection
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 mm² ... 25 mm²
Cross section AWG	8 ... 4 (converted acc. to IEC)
Conductor cross-section flexible	6 mm² ... 16 mm²
Conductor cross-section, flexible [AWG]	8 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	6 mm² ... 16 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	6 mm² ... 16 mm²
Nominal cross section	16 mm²

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

Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-40 °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):2022-06
Spectrum	Long life test category 2, bogie-mounted
Frequency	f_1 = 5 Hz to f_2 = 250 Hz
ASD level	6.12 $(m/s^2)^2/Hz$
Acceleration	3.12g
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

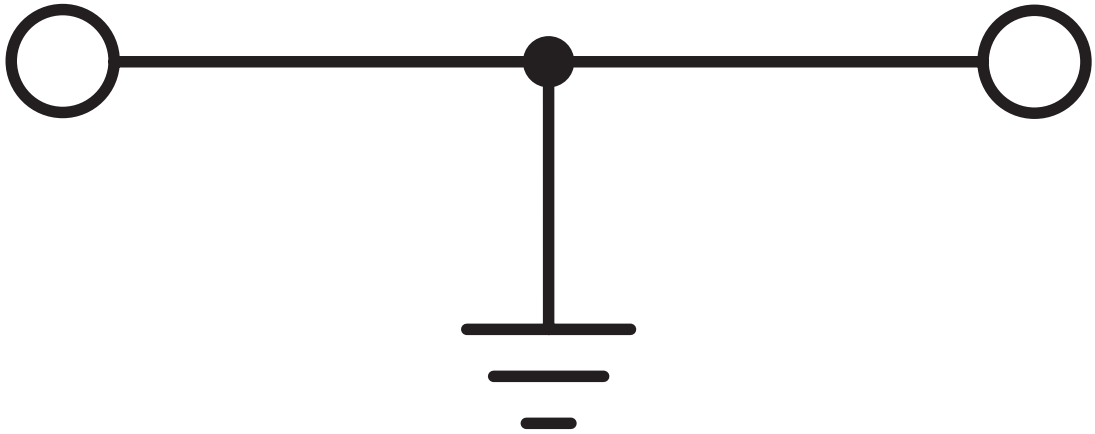
Connection in acc. with standard	IEC 60947-7-2

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)

Drawings

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3073830

EAC
Approval ID: KZ7500651131219505

Classifications

ECLASS

ECLASS-13.0	27250103
ECLASS-15.0	27250103

ETIM

ETIM 10.0	EC000901

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	0.671 kg CO2e

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