

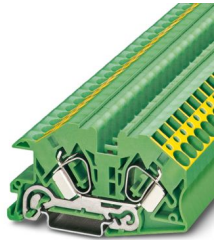
STI 10-PE - Installation ground terminal block



3038231

<https://www.phoenixcontact.com/us/products/3038231>

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, nom. voltage: 400 V, nominal current: 57 A, Spring-cage connection, 1 level, Rated cross section: 10 mm², cross section: 0.2 mm² - 16 mm², mounting type: NS 35/7,5, NS 35/15, color: green-yellow

Your advantages

- Same shape and pitch as the feed-through terminal blocks
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- The green-yellow housing clearly indicates the protective conductor function of the terminal block

Commercial data

Item number	3038231
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	BE02
Product key	BE2151
Catalog page	Page 201 (C-3-2015)
GTIN	4017918899738
Weight per piece (including packing)	31.8 g
Weight per piece (excluding packing)	31.8 g
Customs tariff number	85369010
Country of origin	RO

STI 10-PE - Installation ground terminal block



3038231

<https://www.phoenixcontact.com/us/products/3038231>

Technical data

Product properties

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

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.82 W

Connection data

Grounding foot	Yes
Number of connections per level	2
Nominal cross section	10 mm ²

1 level

Note	Please observe the current carrying capacity of the DIN rails.
Stripping length	18 mm
Internal cylindrical gage	A6
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	0.2 mm ² ... 16 mm ²
Cross section AWG	24 ... 6 (converted acc. to IEC)
Conductor cross section flexible	0.2 mm ² ... 10 mm ²
Conductor cross section, flexible [AWG]	24 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.25 mm ² ... 10 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	0.25 mm ² ... 10 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	1.5 mm ² ... 2.5 mm ²
Nominal current	57 A
Nominal voltage	400 V
Nominal cross section	10 mm ²

Dimensions

Width	10 mm
End cover width	2 mm

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0

STI 10-PE - Installation ground terminal block



3038231

<https://www.phoenixcontact.com/us/products/3038231>

Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	Yes
-----------------	-----

Environmental and real-life conditions

Oscillation/broadband noise

Specification	DIN EN 50155 (VDE 0115-200):2018-05
Spectrum	Service life test category 2, bogie-mounted
Frequency	$f_1 = 5 \text{ Hz}$ to $f_2 = 250 \text{ Hz}$
ASD level	6.12 (m/s ²)/Hz
Acceleration	3.12g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis

Shocks

Pulse shape	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)

Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
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

STI 10-PE - Installation ground terminal block

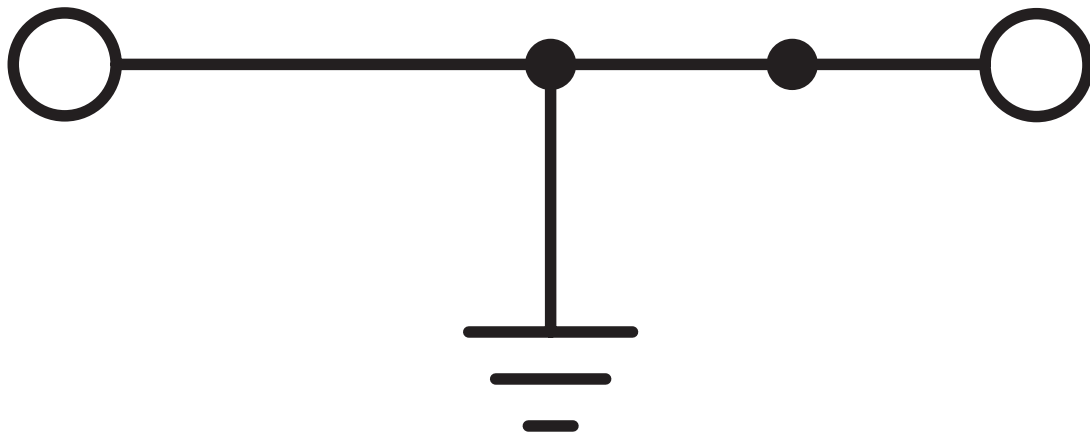


3038231

<https://www.phoenixcontact.com/us/products/3038231>

Drawings

Circuit diagram



STI 10-PE - Installation ground terminal block



3038231

<https://www.phoenixcontact.com/us/products/3038231>

Classifications

ECLASS

ECLASS-11.0

27141125

ETIM

ETIM 8.0

EC001329

UNSPSC

UNSPSC 21.0

39121400

STI 10-PE - Installation ground terminal block



3038231

<https://www.phoenixcontact.com/us/products/3038231>

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