

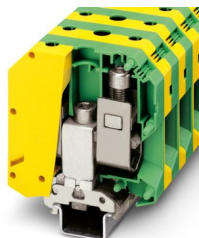
TB 95-PE I - Ground terminal



3251208

<https://www.phoenixcontact.com/sg/products/3251208>

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.



Ground terminal, number of connections: 2, connection method: Screw connection, Rated cross section: 95 mm², cross section: 25 mm² - 95 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Your advantages

- Reliable cable connection is ensured by three-point centering of the conductor in the prismatic sleeve base
- Low contact resistance of the contact surface due to ribbing
- Screw locking by means of spring-loaded elements in the clamping part

Commercial data

Item number	3251208
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	*****
Product key	BEK321
GTIN	4046356951142
Weight per piece (including packing)	330.6 g
Weight per piece (excluding packing)	330.6 g
Customs tariff number	85369010
Country of origin	PL

TB 95-PE I - Ground terminal

3251208

<https://www.phoenixcontact.com/sg/products/3251208>



Technical data

Product properties

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

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	7.54 W

Connection data

Number of connections per level	2
Nominal cross section	95 mm ²
Rated cross section AWG	4/0

Level 1 above 1 below 1

Screw thread	M8
Note	Screws with hexagonal socket
Tightening torque	15 ... 20 Nm
Stripping length	33 mm
Connection in acc. with standard	IEC 60947-7-2
Conductor cross section rigid	25 mm ² ... 95 mm ²
Cross section AWG	2 ... 3/0 (converted acc. to IEC)
Conductor cross section flexible	35 mm ² ... 95 mm ²
Conductor cross section, flexible [AWG]	1/0 ... 3/0 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	35 mm ² ... 95 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	35 mm ² ... 95 mm ²
Cross-section with insertion bridge, rigid	95 mm ²
Cross-section with insertion bridge, flexible	70 mm ²
Nominal cross section	95 mm ²

Dimensions

Width	25 mm
Height	83 mm
Depth on NS 32	95 mm
Depth on NS 35/15	97.5 mm

Material specifications

Color	green-yellow
Flammability rating according to UL 94	V0

TB 95-PE I - Ground terminal



3251208

<https://www.phoenixcontact.com/sg/products/3251208>

Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

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
	NS 32

TB 95-PE I - Ground terminal

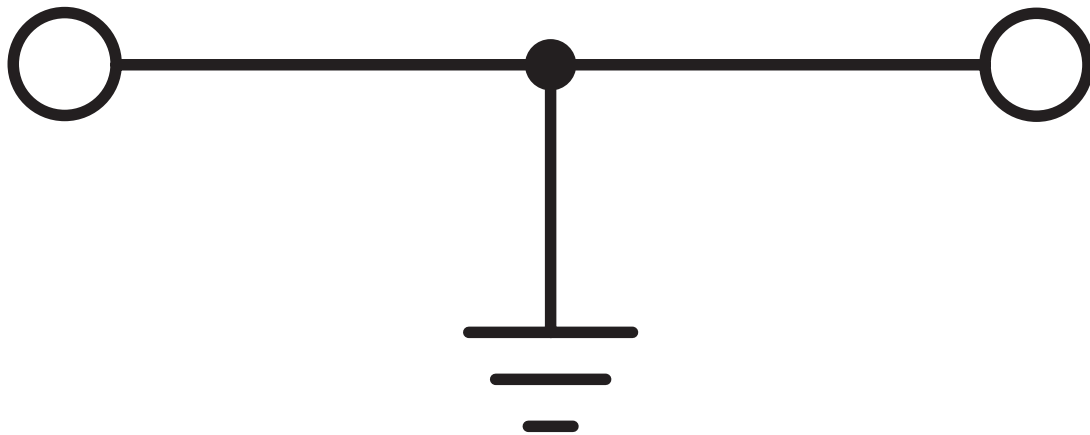
3251208

<https://www.phoenixcontact.com/sg/products/3251208>



Drawings

Circuit diagram



TB 95-PE I - Ground terminal

3251208

<https://www.phoenixcontact.com/sg/products/3251208>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3251208>



EAC

Approval ID: EACKZ 08593

TB 95-PE I - Ground terminal

3251208

<https://www.phoenixcontact.com/sg/products/3251208>



Classifications

ECLASS

ECLASS-11.0	27141141
ECLASS-13.0	27250103

ETIM

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

UNSPSC

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

TB 95-PE I - Ground terminal

3251208

<https://www.phoenixcontact.com/sg/products/3251208>



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.)	4-Nonylphenol, branched and linear(CAS: n/a)
-------------------------------------	--

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT SEA Pte. Ltd.
105 Eunos Avenue 3, #04-00
Singapore 409836
+65 6228 4900
marketing@phoenixcontact.com.sg