

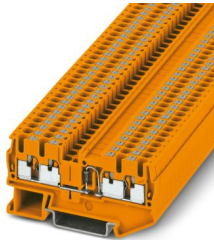
PT 2,5-QUATTRO-DIO/L-R OG - Component terminal block



3210271

<https://www.phoenixcontact.com/us/products/3210271>

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.



Component terminal block, with integrated 1N4007 diode, nom. voltage: 800 V, nominal current: 0.5 A, number of connections: 4, connection method: Push-in connection, Rated cross section: 2.5 mm², 1 level, cross section: 0.14 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, color: orange

Your advantages

- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space

Commercial data

Item number	3210271
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2272
GTIN	4046356913805
Weight per piece (including packing)	10.711 g
Weight per piece (excluding packing)	10.711 g
Customs tariff number	85369010
Country of origin	PL

PT 2,5-QUATTRO-DIO/L-R OG - Component terminal block



3210271

<https://www.phoenixcontact.com/us/products/3210271>

Technical data

Product properties

Product type	Component terminal block
Number of connections	4
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Rated surge voltage	8 kV
Maximum power dissipation for nominal condition	0.77 W

Connection data

Number of connections per level	4
Nominal cross section	2.5 mm ²

1 level

Connection method	Push-in connection
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3
Conductor cross-section rigid	0.14 mm ² ... 4 mm ²
Cross section AWG	26 ... 12 (converted acc. to IEC)
Conductor cross-section flexible	0.14 mm ² ... 4 mm ²
Conductor cross-section, flexible [AWG]	26 ... 12 (converted acc. to IEC)
Conductor cross-section flexible ultrasound-compressed	0.34 mm ² ... 4 mm ²
Conductor cross-section, flexible [AWG] ultrasound-compressed	22 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.14 mm ² ... 2.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.14 mm ² ... 2.5 mm ²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm ²
Nominal cross section	2.5 mm ²
Nominal current	0.5 A
Maximum load current	0.5 A (with 4 mm ² conductor cross-section, rigid)
Nominal voltage	800 V

1 level Connection cross sections directly pluggable

Conductor cross-section rigid	0.34 mm ² ... 4 mm ²
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm ² ... 2.5 mm ²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.34 mm ² ... 2.5 mm ²

Dimensions

PT 2,5-QUATTRO-DIO/L-R OG - Component terminal block



3210271

<https://www.phoenixcontact.com/us/products/3210271>

Width	5.2 mm
End cover width	2.2 mm
Height	72 mm
Depth	35.3 mm
Depth on NS 35/7,5	36.8 mm
Depth on NS 35/15	44.3 mm

Material specifications

Color	orange (RAL 2003)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

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

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 %

Mounting

Mounting type	NS 35/7,5
	NS 35/15

PT 2,5-QUATTRO-DIO/L-R OG - Component terminal block

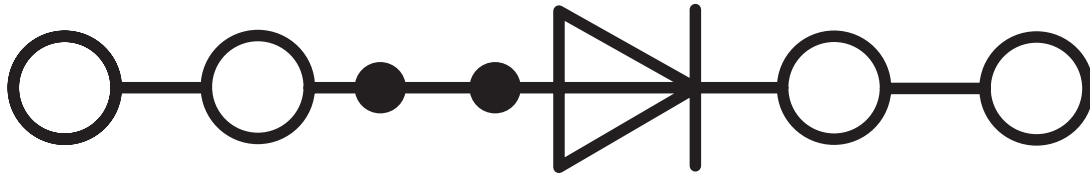


3210271

<https://www.phoenixcontact.com/us/products/3210271>

Drawings

Circuit diagram



PT 2,5-QUATTRO-DIO/L-R OG - Component terminal block



3210271

<https://www.phoenixcontact.com/us/products/3210271>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3210271>



EAC

Approval ID: RU C-DE.BL08.B.00644

PT 2,5-QUATTRO-DIO/L-R OG - Component terminal block



3210271

<https://www.phoenixcontact.com/us/products/3210271>

Classifications

ECLASS

ECLASS-13.0	27250114
ECLASS-15.0	27250114

ETIM

ETIM 10.0	EC000898
-----------	----------

UNSPSC

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

PT 2,5-QUATTRO-DIO/L-R OG - Component terminal block



3210271

<https://www.phoenixcontact.com/us/products/3210271>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	2e07b4b9-eb66-4077-993e-7b7268bc3864

Phoenix Contact 2026 © - 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