

INDUSTRIAL COMPONENT DATA

PT 2,5 3209510 PHOENIX CONTACT Feed-through terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: PT 2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	PT 2,5
Catalog number	PT 2,5
Category	Feed-through terminal block
Minimum order	1 unit
Document ID	EO-6A6202B0CA
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Product Overview

Feed-through terminal block

Feed-through terminal, nominal voltage: 800 V, nominal current: 24 A, number of connections: 2, number of poles: 1, connection type: Push-in connection, Dimensioning cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², mounting class: NS 35/7.5, NS 35/15, colour: grey

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Connectable conductor cross section fine-strand without cable end sleeve (EF007341)	0.14 mm ²
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)	0.14 mm ²
Connectable conductor cross section solid-core (EF007337)	0.14 mm ²
Rated current I _n (EF008250)	24 A
Rated voltage (EF000228)	800 V
Type of electrical connection 1 (EF002526)	Other
Type of electrical connection 2 (EF002527)	Other
Number of clamp positions per level (EF002660)	2
Suitable for conductor material (EF012572)	Aluminium/copper
Mounting method (EF000003)	DIN rail (top hat rail) 35 mm
Material insulation body (EF007543)	Other
Operating temperature (EF002393)	-60 °C
Inflammability class of insulation material according to UL94 (EF002521)	V0

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Width (EF000008)	5.2 mm
Height (EF000040)	48.6 mm
Depth (EF000049)	35.3 mm
Closing plate required (EF002525)	Yes
Colour (EF000007)	Grey
Internally connected stages (EF002661)	Yes

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Modular TBs
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Additional Product Information

Key Commercial Data

Orderkey 3209510

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4046356329781

Weight per Piece (excluding packing) 5.800 g

Custom tariff number 85369010

Country of origin DE (Germany)

General

Number of positions 1

Number of levels 1

Number of connections 2

Potentials 1

Nominal cross section 2.5 mm²

Color gray

Insulating material PA

Flammability rating according to UL 94 V0

Area of application Railway industry

Machine building

Plant engineering

Process industry

Rated surge voltage 8 kV

Degree of pollution 3

Overvoltage category III

Insulating material group I

Maximum power dissipation for nominal condition 0.77 W

Maximum load current 28 A (with 4 mm² conductor cross section)

Nominal current IN 24 A (at 2.5 mm²)

Nominal voltage UN 800 V

Open side panel Yes

Shock protection test specification DIN EN 50274 (VDE 0660-514):2002-11

Back of the hand protection guaranteed

Finger protection guaranteed

Result of surge voltage test Test passed

Surge voltage test setpoint 9.8 kV

Result of power-frequency withstand voltage test Test passed...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PT 2,5 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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