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-124E02FEC5
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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 mm²**
Connectable conductor cross section fine-strand with cable end sleeve (EF007339)	**0.14 mm²**
Connectable conductor cross section solid-core (EF007337)	**0.14 mm²**
Rated current In (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**

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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**

Additional Product Information

Key Commercial Data
Orderkey 3209510
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 69 (C-1-2017)
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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