

# XT 2,5-QUATTRO - Feed-through terminal block



1343129

<https://www.phoenixcontact.com/in/products/1343129>

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Feed-through terminal block, nom. voltage: 800 V, nominal current: 24 A, number of connections: 4, number of positions: 1, connection method: Push-X-connection, Rated cross section: 2.5 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 4 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray



## Your advantages

- In addition to the testing option in the double function shaft, all terminal blocks provide an additional test pick-off
- The compact design and front connection enable wiring in a confined space<br/>
- Tested for railway applications

## Commercial data

Item number	1343129
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE2
Product key	BE2513
GTIN	4063151654658
Weight per piece (including packing)	10.24 g
Weight per piece (excluding packing)	10.24 g
Customs tariff number	85369010
Country of origin	CN

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## Technical data

### Notes

#### General

Note	The max. load current must not be exceeded by the total current of all connected conductors.
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### Product properties

Product type	Multi-conductor terminal block
Area of application	Railway industry
	Machine building
	Plant engineering
	Process industry
Number of positions	1
Number of connections	4
Number of rows	1
Potentials	1

#### Insulation characteristics

Ovvoltage 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 <sup>2</sup>
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A3
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section rigid	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Cross section AWG	20 ... 12 (converted acc. to IEC)
Conductor cross section flexible	0.75 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	18 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Nominal current	24 A
Maximum load current	27 A (with 4 mm <sup>2</sup> conductor cross section, rigid)
Nominal voltage	800 V
Nominal cross section	2.5 mm <sup>2</sup>

### Dimensions

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Width	5.2 mm
Height	72.2 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	gray (RAL 7042)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

## Electrical tests

Surge voltage test	
Result	Test passed

Temperature-rise test	
Requirement temperature-rise test	Increase in temperature ≤ 45 K
Result	Test passed
Short-time withstand current 2.5 mm <sup>2</sup>	0.3 kA
Result	Test passed

Power-frequency withstand voltage	
Test voltage setpoint	2 kV
Result	Test passed

## Mechanical properties

Mechanical data	
Open side panel	Yes

## Mechanical tests

Mechanical strength	
Result	Test passed

Attachment on the carrier	
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