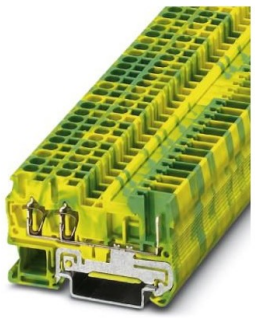
INDUSTRIAL COMPONENT DATA

ST 2,5-TWIN/ 1P-PE 3042120 PHOENIX CONTACT Spring cage ground terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST 2,5-TWIN/ 1P-PE



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST 2,5-TWIN/ 1P-PE
Catalog number	3042120
Category	Ground terminal block
Minimum order	50 Pcs
Document ID	EO-6E1FC3DC8E
Generated	2026-11-18

Product Overview

Spring cage ground terminal block
Spring-loaded earth terminal block, number of connections: 3, connection type: Spring connection / plug-in connection, 1st floor, left-hand connection, cross-section: 0.08 mm² - 4 mm², 1st floor, right-hand connection, mounting class: NS 35/7.5, NS 35/15, colour: yellow-green

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Modular TBs

Additional Product Information

Key Commercial Data
Orderkey 3042120
Packing unit 50 pc
Catalog page Page 311 (C-1-2017)
GTIN 4017918927172
Weight per Piece (excluding packing) 10.380 g
Custom tariff number 85369010
Country of origin PL (Poland)
General
Number of levels 1
Number of connections 3
Nominal cross section 2.5 mm²

Color green-yellow
Insulating material PA
Flammability rating according to UL 94 V0
Area of application Railway industry
Machine building
Plant engineering
Rated surge voltage 6 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Connection in acc. with standard IEC 61984
Open side panel Yes
Insertion/withdrawal cycles mechanical 100
Oscillation, broadband noise test result Test passed
Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum Service life test category 1, class B, body mounted
Test frequency f1= 5 Hz to f2= 150 Hz
ASD level 0.964 (m/s2)2/Hz
Acceleration 0.58 g
Test duration per axis 5 h
Test directions X-, Y- and Z-axis
Shock test result Test passed
Test specification, shock test DIN EN 50155 (VDE 0115-200):2008-03
Shock form Half-sine
Acceleration 5 g
Shock duration 30 ms
Number of shocks per direction 3
Test directions X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec.; UL 746 B) 130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 125 °C
Static insulating material application in cold -60 °C
Behavior in fire for rail vehicles (DIN 5510-2)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST 2,5-TWIN/ 1P-PE 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.