INDUSTRIAL COMPONENT DATA

ST 2,5-QUATTRO-DIO 1N 5408K/R-L 3002214 PHOENIX CONTACT Component terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: ST 2,5-QUATTRO-DIO 1N 5408K/R-L



Manufacturer	PHOENIX CONTACT
MPN / Reference	ST 2,5-QUATTRO-DIO 1N 5408K/R-L
Catalog number	3002214
Category	Component terminal block
Minimum order	50 Pcs
Document ID	EO-7ADE1F621B
Generated	2026-11-19

Product Overview

Component terminal block
Terminal block for components, with 1N 5408K diode installed, nominal voltage: 800 V, nominal current: 1.5 A, connection type: Spring connection, Dimensioning section: 1 mm², cross-section: 0.08 mm² - 4 mm², mounting: NS 35/7.5, NS 35/15, color: gray
Component terminal block, with integrated diode 1N 5408K, nom. voltage: 800 V, nominal current: 1.5 A, connection method: Spring-cage connection, Rated cross section: 2.5 mm2, cross section: 0.08 mm2 - 4 mm2, mounting: NS 35/7,5, NS 35/15, color: gray

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

Technical dataProduct propertiesProduct type Component terminal block
Number of connections 4
Number of rows 1
Potentials 1
Data management status
Article revision 04
Insulation characteristics
Overvoltage category III
Degree of pollution 3

Electrical propertiesRated surge voltage 8 kV
Maximum power dissipation for nominal condition 0.77 W
Connection dataNumber of connections per level 4
Nominal cross section 2.5 mm²
Stripping length 8 mm ... 10 mm
Internal cylindrical gage A3
Conductor cross section rigid 0.08 mm² ... 4 mm²
Cross section AWG 28 ... 12 (converted acc. to IEC)
Conductor cross section flexible 0.08 mm² ... 2.5 mm²
Conductor cross section, flexible [AWG] 28 ... 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² ... 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 0.14 mm² ... 2.5 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm²
Nominal current 1.5 A
Maximum load current 1.5 A (the maximum current is determined by the diode)
Nominal voltage 800 V
Nominal cross section 2.5 mm²
DimensionsWidth 5.2 mm
End cover width 2.2 mm
Height 72 mm
Depth on NS 35/7,5 36.5 mm
Depth on NS 35/15 44 mm
Material specificationsColor 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) 13...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ST 2,5-QUATTRO-DIO 1N 5408K/R-L 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.