INDUSTRIAL COMPONENT DATA

STTB 2,5-DIO.1N5408K/U-O 3031564 PHOENIX CONTACT Component terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: STTB 2,5-DIO.1N5408K/U-O



Manufacturer	PHOENIX CONTACT
MPN / Reference	STTB 2,5-DIO.1N5408K/U-O
Catalog number	3031564
Category	Component terminal block
Minimum order	50 Pcs
Document ID	EO-A785D1621C
Generated	2026-11-18

Product Overview

Component terminal block
Terminal block for components, with 1N diode 5408K installed, nominal voltage: 500 V, nominal current: 1.5 A, 1st and 2nd floor, connection type: Spring connection, Dimensioning 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

Key Commercial Data
Orderkey 3031564
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4046356984164
Weight per Piece (excluding packing) 10.230 g
Custom tariff number 85369010
Country of origin PL (Poland)
General
Number of levels 2
Number of connections 4

Potentials 2
Nominal cross section 2.5 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Maximum load current 26 A (with 4 mm² conductor cross section)
Rated surge voltage 6 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 0.77 W (the value is multiplied when connecting multiple levels)
Maximum load current 1.5 A (The max. current is determined by the diode. Integrated diode 1N 5408K, reverse voltage 1000 V, maximum continuous current 1.5 A.)
Nominal current IN 1.5 A
Nominal voltage UN 500 V
Open side panel Yes
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) Test passed
Flame test method (DIN EN 60695-11-10) V0
Oxygen index (DIN EN ISO 4589-2) >32 %
NF F16-101, NF F10-102 Class I 2
NF F16-101, NF F10-102 Class F 2
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
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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / STTB 2,5-DIO.1N5408K/U-O 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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