INDUSTRIAL COMPONENT DATA

SP 4/ 1-R BU 3042829 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: SP 4/ 1-R BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	SP 4/ 1-R BU
Catalog number	3042829
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-FC40572116
Generated	2026-11-18

Product Overview

Plug
Connector, rated voltage: 800 V, rated current: 32 A, number of poles: 1, connection type: Spring connection, Sizing cross-section: 4 mm², cross-section: 0.08 mm²- 6 mm², color: blue

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 3042829
Packing unit 50 pc
Minimum order quantity 50 pc
Catalog page Page 333 (C-1-2017)
GTIN 4017918956127
Weight per Piece (excluding packing) 4.730 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Number of positions 1
Number of levels 1
Number of connections 1
Nominal cross section 4 mm²

Color blue
Insulating material PA
Flammability rating according to UL 94 V0
Area of application Railway industry
Machine building
Plant engineering
Maximum load current 32 A (with 6 mm² conductor cross section)
Rated surge voltage 8 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 1.02 W
Maximum load current 32 A (with 6 mm² conductor cross section)
Nominal current IN 32 A
Nominal voltage UN 800 V
Open side panel No
Dimensions
Width 6.2 mm
Length 21 mm
Height 41.5 mm
24 mm
Pitch 6.2 mm
Connection data
Connection method Spring-cage connection
Stripping length 8 mm ... 10 mm
Connection in acc. with standard IEC 61984
Conductor cross section solid min. 0.08 mm²
Conductor cross section solid max. 6 mm²
Conductor cross section AWG min. 28
Conductor cross section AWG max. 10
Conductor cross section flexible min. 0.08 mm²
Conductor cross section flexible max. 4 mm²
Min. AWG conductor cross section, flexible 28
Max. AWG conductor cross section, flexible 10
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.14 mm²
Conductor cross section flexible...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SP 4/ 1-R BU 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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