INDUSTRIAL COMPONENT DATA

SAC-2P-500,0-913 1416132 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: SAC-2P-500,0-913



Manufacturer	PHOENIX CONTACT
MPN / Reference	SAC-2P-500,0-913
Catalog number	1416132
Category	Data cable
Minimum order	1 Pcs
Document ID	EO-53878C31FB
Generated	2026-11-18

Product Overview

Bus system cable
Bus system cable, PROFIBUS PA (31.25 kBit/s), FOUNDATION Fieldbus (31.25 kBit/s), 2-pole, shielded, cable length: 500 m

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 > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data
Orderkey 1416132
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4055626063164
Weight per Piece (excluding packing) 22.220 g
Custom tariff number 85444995
Country of origin NL (Netherlands)
Dimensions
Length of cable 500 m
General
Number of positions 2
Signal type/category PROFIBUS PA, 31.25 kbps

FOUNDATION Fieldbus, 31.25 kbps
Cable
Cable type PROFIBUS PA
Cable type (abbreviation) 913
UL AWM style 2464
Cable structure 2xAWG18/7 + 1xAWG20/7
Conductor cross section 2x 0.75 mm² (Signal line)
1x 0.5 mm² (Drain wire)
AWG signal line 18
Conductor structure signal line 7x 0.40 mm
Core diameter including insulation 2.5 mm ±0.05 mm
Thickness, insulation 0.65 mm
Wire colors Red, green
Twisted pairs 2 cores to the pair
Overall twist One pair with one drain wire and fillers for core
Shielding Aluminum-lined polyester foil and braiding with filler litz wire
Optical shield covering 70 %
External sheath, color black
Outer sheath thickness 1 mm
External cable diameter D 7.8 mm
Tensile strength GRP 80 N
Outer sheath, material PVC
Material conductor insulation Foamed PE
Conductor material Tin-plated Cu litz wires
Conductor resistance 20.5 ?/km (Signal line)
9 ?/km (shield)
Cable capacity 80 nF/km (core-core)
4 nF/km (core-shield)
Signal speed 0.77 c
Cable impedance 100 ? ±20 % (At 31.25 kHz)
Nominal voltage, cable 300 V
Flame resistance according to IEC 60332-1
Resistance to oil According to ICEA S82-552
Other resistance UV resistant According to UL 1581, Secti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SAC-2P-500,0-913 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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