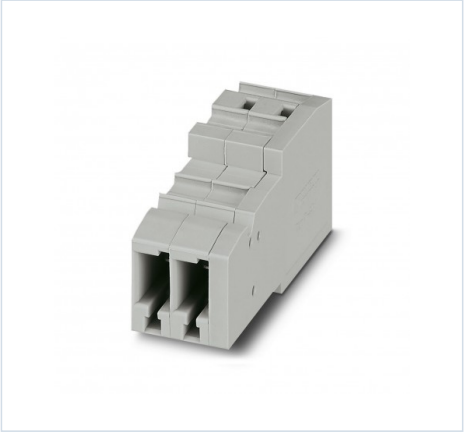
INDUSTRIAL COMPONENT DATA

SC 4/ 2 3042450 PHOENIX CONTACT COMBI receptacle

Brand: PHOENIX CONTACT | Manufacturer Part Number: SC 4/ 2



Manufacturer	PHOENIX CONTACT
MPN / Reference	SC 4/ 2
Catalog number	3042450
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-0515240973
Generated	2026-11-18

Product Overview

COMBI receptacle
COMBI coupling, rated voltage: 800 V, rated current: 32 A, number of connections: 2, number of poles: 2, connection type: Spring connection, Sizing cross-section: 4 mm², cross-section: 0.08 mm² - 6 mm², color: gray
COMBI coupling, nom. voltage: 800 V, nominal current: 32 A, number of connections: 2, number of positions: 2, connection method: Spring-cage connection, Rated cross section: 4 mm2, cross section: 0.08 mm2 - 6 mm2, 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 Terminal coupling
Area of application Railway industry
Machine building
Plant engineering
Number of positions 2
Pitch 6.2 mm
Number of connections 2
Number of rows 1
Data management status
Article revision 03
Insulation characteristics
Overvoltage category III

Degree of pollution 3
Electrical propertiesRated surge voltage 8 kV
Maximum power dissipation for nominal condition 1.02 W
Connection dataNominal cross section 4 mm²
Stripping length 8 mm ... 10 mm
Internal cylindrical gage A4
Connection in acc. with standard IEC 61984
Conductor cross section rigid 0.08 mm² ... 6 mm²
Cross section AWG 28 ... 10 (converted acc. to IEC)
Conductor cross section flexible 0.08 mm² ... 4 mm²
Conductor cross section, flexible [AWG] 28 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² ... 4 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 0.14 mm² ... 4 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve 0.5 mm² ... 1 mm²
Nominal current 32 A
Maximum load current 32 A (with 6 mm² conductor cross section)
Nominal voltage 800 V
Nominal cross section 4 mm²
DimensionsWidth 12.4 mm
End cover width 3.2 mm
Height 48.6 mm
Depth 22.3 mm
Pitch 6.2 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
Temper...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SC 4/ 2 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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