

INDUSTRIAL COMPONENT DATA

FB2-S1-12SP-T-0-16-00-0-0 2316417 PHOENIX CONTACT

Junction box

Brand: PHOENIX CONTACT | Manufacturer Part Number: FB2-S1-12SP-T-0-16-00-0-0



Manufacturer	PHOENIX CONTACT
MPN / Reference	FB2-S1-12SP-T-0-16-00-0-0
Catalog number	2316417
Category	Enclosure/switchgear cabinet (empty)
Minimum order	1 Pcs
Document ID	EO-3AD9FD0D9E
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Product Overview

Junction box

Stainless steel field distribution box with 16 connections for use in an Ex zone. Contains a 12-way block device coupler (FB-12SP) for FOUNDATION Fieldbus or PROFIBUS PA and three terminal blocks for trunk wiring rail (+, -, S).

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 > Safety
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Additional Product Information

Key Commercial Data

Orderkey 2316417

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4055626301754

Weight per Piece (excluding packing) 6,540.000 g

Custom tariff number 85371098

Country of origin US (United States)

Dimensions

Dimensional drawing

Width 355.6 mm

Height 304.8 mm

Depth 127 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 70 °C

Altitude 2000 m

Degree of protection IP66

General

Net weight 6540 g

Housing material Stainless steel

Color gray

Conformance CE-compliant, additionally EN 61326-1

Power supply

Max. current consumption 6.5 mA (No-load)

680 mA (trunk)

Serial interface

Inductance L_i 4 μ H

Max. output voltage U_o $U_{in}(\text{spur})$

Safety data

Input voltage U_i 32 V (IIB (C/D))

Max. output voltage U_o $U_{in}(\text{spur})$

Max. output current I_o 56 mA (per spur)

Max. output power P_o 1.792 W

Group IIC/IIB

Max. external capacity C_o 80 nF

Additional text per spur

Group IIC/IIB

Max. external inductivity L_o 0.26 mH

Additional text per spur

ATEX DEMKO 16ATEX1704X II 3 G D

Ex nA [ic] IIC T4 Gc, Ex nA nC [ic] IIC T4 Gc

Ex ic IIC T4 Gc, FISCO ic spurs

Ex tc IIIC T135 Dc IP66

IECEX IECEX UL 16.0079X

Ex nA [ic] IIC T4 Gc, Ex nA nC [ic] IIC T4 Gc

Ex ic IIC T4 Gc, FISCO ic spurs

Ex tc IIIC T135 Dc IP66

Safety-related maximum voltage U_m 17.5 V

Standards and Regulations

Type of test Corrosive resistance in acc. to ANSI-ISA 71.04-1985 - Severity level G3

Standards/regulations EN 61326-1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FB2-S1-12SP-T-0-16-00-0-0 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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