

INDUSTRIAL COMPONENT DATA

FB1-S1-6SP-S-0-10-00-0-0 2316446 PHOENIX CONTACT
Junction box

Brand: PHOENIX CONTACT | Manufacturer Part Number: FB1-S1-6SP-S-0-10-00-0-0



Manufacturer	PHOENIX CONTACT
MPN / Reference	FB1-S1-6SP-S-0-10-00-0-0
Catalog number	2316446
Category	Enclosure/switchgear cabinet (empty)
Minimum order	1 Pcs
Document ID	EO-39EC3CD28F
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Product Overview

Junction box

Stainless steel field distribution box with ten connections for use in an Ex zone. Contains a 6-way block device coupler (FB-6SP) for FOUNDATION Fieldbus or PROFIBUS PA. The trunk cable (+, -, S) is connected with a PLUGTRAB downloader (PT 4+F-BE)

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

Additional Product Information

Key Commercial Data

Orderkey 2316446

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4055626590561

Weight per Piece (excluding packing) 4,660.000 g

Custom tariff number 85371098

Country of origin US (United States)

Dimensions

Dimensional drawing

Width 254 mm

Height 254 mm
Depth 127 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 70 °C
Degree of protection IP66
General
Net weight 4660 g
Housing material Stainless steel
Color gray
Conformance CE-compliant, additionally EN 61326-1
Power supply
Max. current consumption 4.8 mA (No-load)
340 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 (spur)
Max. output power P_o 1.792 W
Group IIC/IIB
Max. external capacity C_o 80 nF
Additional text 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 (in acc. with EN 60079-11)
Standards and Regulations
Standards/regulations EN 61326-1
EN 60079-0
EN 60079-11
EN 60079-15
Conformance CE-compliant, additionally EN 61326-1....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FB1-S1-6SP-S-0-10-00-0-0 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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