

**INDUSTRIAL COMPONENT DATA**

# FB-12SP ISO 2316312 PHOENIX CONTACT Device coupler

Brand: PHOENIX CONTACT | Manufacturer Part Number: FB-12SP ISO



|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                            |
| MPN / Reference | FB-12SP ISO                                                |
| Catalog number  | 2316312                                                    |
| Category        | Fieldbus, decentr. periphery - power supply/segment module |
| Minimum order   | 1 Pcs                                                      |
| Document ID     | EO-6C69188DEB                                              |
| Generated       | 2026-08-01                                                 |

## Product Overview

Device coupler

Device coupler in zone 1 environment for FOUNDATION Fieldbus and PROFIBUS PA with terminal connections for 12 branch sockets for fieldbus terminal equipment.

**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 &gt; Safety

## Additional Product Information

Key Commercial Data

Orderkey 2316312

Packing unit 1 pc

Catalog page Page 514 (C-6-2017)

GTIN 4055626276991

Weight per Piece (excluding packing) 1,265.000 g

Custom tariff number 85369095

Country of origin US (United States)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Dimensional drawing

Width 279 mm

Height 142 mm

Depth 66 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Permissible humidity (operation) 95 % (non-condensing)

Degree of protection IP20

IP20, IP30 over trunk connections

General

Mounting position On horizontal and vertical DIN rail NS 35 in acc. with EN 60715

Net weight 1265 g

Degree of pollution 2

Overvoltage category II

Conformance EMC 2014/30/EU

ATEX 2014/34/EU

Fieldbus Foundation FF-846

Power supply

Supply voltage range 16 V DC ... 32 V DC (input on trunk line side)

Max. current consumption 50 mA (trunk, no load)

550 mA (maximum trunk current)

Conductor cross section flexible max. 0.20 mm<sup>2</sup>

Conductor cross section flexible min. 2.50 mm<sup>2</sup>

Conductor cross section solid max. 0.20 mm<sup>2</sup>

Conductor cross section solid min. 2.50 mm<sup>2</sup>

Max. AWG conductor cross section, flexible 12

Min. AWG conductor cross section, flexible 24

Conductor cross section AWG max. 12

Conductor cross section AWG min. 24

Serial interface

Interface 1 Foundation Fieldbus and PROFIBUS PA Segment

No. of ports 12

Connection method Pluggable COMBICON screw c...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FB-12SP ISO with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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