

INDUSTRIAL COMPONENT DATA

PSI-REP-PROFIBUS/12MB 2708863 PHOENIX CONTACT Repeater

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSI-REP-PROFIBUS/12MB



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSI-REP-PROFIBUS/12MB
Catalog number	2708863
Category	PLC communication module
Minimum order	1 Pcs
Document ID	EO-8798E126AF
Generated	2026-08-02

Product Overview

Repeater

Modular repeater for galvanic separation and range increase for PROFIBUS up to 12 Mbits/s, 4-way separation, for rail mounting, 24 V DC power supply

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 2708863

Packing unit 1 pc

Catalog page Page 318 (C-6-2017)

GTIN 4046356078993

Weight per Piece (excluding packing) 212.400 g

Custom tariff number 85176200

Country of origin DE (Germany)

Note

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

Dimensions

Dimensional drawing

Width 35 mm

Height 99 mm

Depth 105 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 60 °C

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

Permissible humidity (operation) 30 % ... 95 % (non-condensing)

Altitude ≤ 5000 m (For restrictions see manufacturer's declaration)

≤ 2000 m (When used in EX zone 2)

Degree of protection IP20

Noise immunity EN 61000-4-2

General

Transmission channels 2 (1/1), TD, RD, half duplex

Bit delay 1 bit (Direct mode)

Bit distortion, input max. ± 35 %

Bit distortion, output < 6.25 %

Electrical isolation VCC // TBUS // PROFIBUS (A) // PROFIBUS (B)

Test voltage data interfaces 1.5 kV

Test voltage data interface/power supply 1.5 kVrms(50 Hz, 1 min.)

Electromagnetic compatibility Conformance with EMC Directive 2014/30/EU

Noise emission EN 55011

Net weight 212.4 g

Housing material PA 6.6-FR

Color green

MTBF 1136 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))

238 Years (Telcordia standard, 40°C temperature, 34.25% operating cycle (5 days a week, 12 hours a day))

MTTF 1638 Years (SN 29500 standard, temperature 25 °C, operating cycle 21 % (5....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSI-REP-PROFIBUS/12MB 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.