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
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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

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