

INDUSTRIAL COMPONENT DATA

PSI-REP-RS485W2 2313096 PHOENIX CONTACT Repeater

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSI-REP-RS485W2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSI-REP-RS485W2
Catalog number	2313096
Category	PLC communication module
Minimum order	1 Pcs
Document ID	EO-2365CFA66C
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Product Overview

Repeater

Modular repeater for galvanic separation and range increase in 2-wire RS-485 bus systems up to 500 kbits/s, 4-way separation, for rail mounting, 24 V DC power supply

Modular repeater for electrical isolation and range increase in RS-485 2-wire bus systems up to 500 kbps, 4-way isolation, rail-mountable, supply 24 V DC

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

Technical dataNotesNote on application

Note on application Only for industrial use

Utilization restriction

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

Utilization restriction

CCCex note Use in potentially explosive areas is not permitted in China.

Product propertiesProduct type Interface converter

MTTF 1439 Years (SN 29500 standard, temperature 25°C, operating cycle 21%)

717 Years (SN 29500 standard, temperature 40°C, operating cycle 34.25%)

305 Years (SN 29500 standard, temperature 40°C, operating cycle 100%)

MTBF 1247 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))

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

Data management status

Article revision 11

Electrical propertiesElectrical isolation VCC // TBUS // RS-485 (A) // RS-485 (B)

Maximum power dissipation for nominal condition 1.8 W

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

Test voltage data interfaces 1.5 kV

Supply

Supply voltage range 18 V DC ... 30 V DC (via pluggable COMBICON screw terminal block)

Nominal supply voltage 24 V DC (in acc. with UL)

Typical current consumption 75 mA (24 V DC?)

Max. current consumption ≤ 2 A (For operation in a joining station, via the DIN rail connector)

Connection dataSupply

Stripping length 7.00 mm

Tightening torque 0.6 Nm ... 0.8 Nm

InterfacesBit distortion, input max. ± 35 %

Bit distortion, output < 6.25 %

Bit dela...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSI-REP-RS485W2 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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