INDUSTRIAL COMPONENT DATA

PLC-RPT-12DC/21/EX 2909527 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-12DC/21/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RPT-12DC/21/EX
Catalog number	2909527
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-C1DEC8566B
Generated	2026-11-19

Product Overview

Relay Module
PLC-INTERFACE, consisting of a base terminal block for mounting on a 6.2 mm rail with push-in connection and plug-in miniature relay with 6 A power contact, 1 switched contact, input voltage of 12 V DC. Approved according to ATEX/IECEx (zone 2) and Ex zone class I, div. 2.

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 > Industrial Relays

Additional Product Information

Key Commercial Data
Orderkey 2909527
Packing unit 10 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
Catalog page Page 458 (C-5-2017)
GTIN 4055626363646
Weight per Piece (excluding packing) 36.800 g
Custom tariff number 85364190
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions
Width 6.2 mm
Height 80 mm
Depth 94 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C (UL)
-40 °C ... 60 °C (ATEX / IECEx)
Ambient temperature (storage/transport) -40 °C ... 85 °C
Coil side
Nominal input voltage UN 12 V DC
Typical input current at UN 15.3 mA
Typical response time 5 ms
Typical release time 8 ms
Protective circuit Reverse polarity protection Polarity protection diode
Free-wheeling diode Damping diode
Operating voltage display Yellow LED
Power dissipation for nominal condition 0.18 W
Contact side
Contact type 1 PDT
Type of switch contact Single contact
Contact material AgSnO
Maximum switching voltage 250 V AC/DC (The separating plate PLC-ATP should be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...)
Minimum switching voltage 5 V (at 100 mA)
Min. switching current 10 mA (at 12 V)
Maximum inrush current 10 A (4 s)
Limiting continuous current 6 A
Interrupting rating (ohmic load) max. 140 W (at 24 V DC)
20 W (at 48 V DC)
18....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-12DC/21/EX with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.