INDUSTRIAL COMPONENT DATA

PLC-RSC-120UC/21-21/EX 2909511 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RSC-120UC/21-21/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RSC-120UC/21-21/EX
Catalog number	2909511
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-65A3B3913B
Generated	2026-11-19

Product Overview

Relay Module
PLC-INTERFACE, consisting of a base terminal block for mounting on a 14 mm rail with screw connection and plug-in relay with power contact, 2 switched contacts, input voltage 120 V AC/110 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 2909511
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 458 (C-5-2017)
GTIN 4055626363141
Weight per Piece (excluding packing) 70.630 g
Custom tariff number 85364900
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions

Width 14 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 120 V AC
110 V DC
Typical input current at UN 4.5 mA (UN= 120 V AC)
4.2 mA (UN= 110 V DC)
Typical response time 7 ms
Typical release time 10 ms
Protective circuit Bridge rectifier Bridge rectifier
Operating voltage display Yellow LED
Power dissipation for nominal condition 0.54 W
Contact side
Contact type 2 PDT
Type of switch contact Single contact
Contact material AgNi
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 AC/DC (at 10 mA)
Min. switching current 10 mA (At 5 V)
Maximum inrush current 15 A (300 ms)
Limiting continuous current 6 A
Interrupting rating (ohmic load) max. 140 W (at 24 V DC)
85 W (at 48 V DC)
60 W (at 60 V DC)
44 W (at 110 V DC)
60 W...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RSC-120UC/21-21/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.