INDUSTRIAL COMPONENT DATA

REL-IR4/LDP- 12DC/4X21AU 2903669 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR4/LDP-12DC/4X21AU



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR4/LDP-12DC/4X21AU
Catalog number	2903669
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-7538195867
Generated	2026-11-19

Product Overview

Single relay
Plug-in industrial relays with power contacts and additional hard gold, 4 inverter contacts, test key, status LED, free-flowing diode, mechanical switching position indication, A1+, A2- polarity, coil voltage: 12 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 > Industrial Relays

Additional Product Information

Key Commercial Data
Orderkey 2903669
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 314 (C-5-2017)
GTIN 4046356758826
Weight per Piece (excluding packing) 34.300 g
Custom tariff number 85364190
Country of origin PL (Poland)
Dimensions
Width 21.2 mm
Height 27.5 mm
Depth 35.6 mm

Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Coil side
Nominal input voltage UN 12 V DC
Input voltage range in reference to UN see diagram
Typical input current at UN 78 mA
Typical response time 13 ms
Typical release time 14 ms
Protective circuit Damping diode
Status display Yellow LED
Power dissipation for nominal condition 0.94 W
Contact side
Contact type 4 PDTs
Type of switch contact Single contact
Contact material AgNi, hard gold-plated
Note If the specified maximum values for multi-layer contact relays are exceeded, the gold plating is destroyed. The maximum values of the power contact relay are then valid. This can result in a shorter service life than with a pure power contact.
Maximum switching voltage 30 V AC
36 V DC
Minimum switching voltage 2 V (At 24 mA)
Min. switching current 2 mA (24 V DC)
Maximum inrush current 50 mA
Limiting continuous current 50 mA
Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)
Switching capacity min. 48 mW
Motor load according to UL 508 1/3 HP, 240 V AC
Contact side (with destroyed gold layer)
Contact material AgNi
Note the following values are applicable if a....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR4/LDP-12DC/4X21AU 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.