INDUSTRIAL COMPONENT DATA

REL-IR2/LDP-110DC/2X21 2903663 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR2/LDP-110DC/2X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR2/LDP-110DC/2X21
Catalog number	2903663
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-B0CC662173
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Product Overview

Single relay
Plug-in industrial relays with power contacts, 2 inverter contacts, test key, status LED, free-flowing diode, mechanical switching position indication, A1+, A2- polarity, input voltage: 110 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 2903663
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 314 (C-5-2017)
GTIN 4046356758161
Weight per Piece (excluding packing) 34.110 g
Custom tariff number 85364900
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 110 V DC
Input voltage range in reference to UN see diagram
Typical input current at UN 8 mA
Typical response time 13 ms
Typical release time 14 ms
Protective circuit Damping diode
Status display Yellow LED
Power dissipation for nominal condition 0.88 W
Contact side
Contact type 2 PDT
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (At 24 mA)
Min. switching current 5 mA (at 24 V)
Maximum inrush current 30 A (20 ms, N/O contact)
Limiting continuous current 12 A
Interrupting rating (ohmic load) max. 288 W (at 24 V DC)
124 W (at 48 V DC)
108 W (at 60 V DC)
52 W (at 110 V DC)
48 W (at 220 V DC)
3000 VA (for 250 V AC)
Switching capacity min. 0.12 W
Motor load according to UL 508 1/2 HP, 240 V AC
General
Test voltage relay winding/relay contact 2.5 kVrms(50 Hz, 1 min.)
Test voltage relay contact/relay contact 2.5 kVrms(50 Hz, 1 min.)
Test voltage PDT/PDT 2.5 kVrms(50 Hz, 1 min.)
Operating mode 100% operating factor
Degree of protection RT I
Mechanical se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR2/LDP-110DC/2X21 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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