INDUSTRIAL COMPONENT DATA

# REL-IR4/DP-220DC/4X21 2905728 PHOENIX CONTACT Single relay

**Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR4/DP-220DC/4X21**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | REL-IR4/DP-220DC/4X21 |
| Catalog number | 2905728 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-3F2830C8FB |
| Generated | 2026-11-19 |

## Product Overview

Single relay
Plug-in industrial relay with 4 switched contacts and manual operation 220 V DC voltage coil with reaction range 0.6 ... 0.8 x UN at 23°C
Plug-in industrial relay with 4 PDT contacts and manual actuation, 220 V DC voltage coil with operating range of 0.6 ... 0.8 x UN at 23°C

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Technical dataProduct propertiesProduct type Single relay
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status
Date of last data management 02.05.2024
Article revision 03
Insulation characteristics
Insulation Basic insulation
Overvoltage category II
Pollution degree 2
Electrical propertiesService life electrical see diagram

Maximum power dissipation for nominal condition 0.88 W
Test voltage (Winding/contact) 2.5 kVrms(50 Hz, 1 min., winding/contact)
Test voltage (Changeover contact/changeover contact) 2 kVrms(50 Hz, 1 min., changeover contact/changeover contact)
Rated insulation voltage 250 V AC
Rated surge voltage 2.5 kV
Input dataCoil side
Nominal input voltage UN 220 V DC
Input voltage range 171.6 V DC ... 429 V DC
Input voltage range in reference to UN see diagram
Drive and function monostable
Drive (polarity) polarized
Typical input current at UN 4 mA
Non-operate voltage <= 132 V DC
Safe operate voltage >= 176 V DC
Typical response time 13 ms
Typical release time 14 ms
Protective circuit Freewheeling diode
Status display no
Output dataSwitching
Contact switching type 4 changeover contacts
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (At 24 mA)
Limiting continuous current 6 A
Min. switching current 5 mA (at 24 V)
Interrupting rating (ohmic load) max. 144 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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR4/DP-220DC/4X21 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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