

## INDUSTRIAL COMPONENT DATA

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

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



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | REL-IR4/DP-220DC/4X21 |
| Catalog number  | 2905728               |
| Category        | Switching relay       |
| Minimum order   | 10 Pcs                |
| Document ID     | EO-8966B4FE19         |
| Generated       | 2026-08-04            |

## 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

Catalog path PHOENIX CONTACT &gt; Industrial Relays

## Additional Product Information

Technical dataProduct propertiesProduct type Single relay

Operating mode 100% operating factor

Mechanical service life approx. 2x 10<sup>7</sup>cycles

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  $\leq 132$  V DC

Safe operate voltage  $\geq 176$  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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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