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# C9 MINIATURE RELAY

4-pole 5 A - QRC

C9A42DX24D
Relay 14 Pin 4 Pole 5µ Au Diode LED 24V dc



- Colour-coded test button, both lockable and non-locking
- Marking system
- Mechanical indication

**PRODUCT DESCRIPTION**

# TECHNICAL DATA

## INPUT DATA

| | |
|---|---|
| **Working Un** | 0,8-1,1 |
| **Nominal power dc** | 1 W |
| **Coil voltage dc** | 24 V DC |
| **Tripping voltage max UN** | 0.25 |

## OUTPUT DATA

| | |
|---|---|
| **Number of contacts** | 4 |
| **Contact material** | AgNi + 10 µ Au |
| **Breaking Voltage** | 250 V |
| **Breaking capacity current** | 5 A |
| **Recommended max load** | 5 A/250V AC-1; 5 A/30 V DC-1 |
| **Recommended min load** | 1 mA/1 V |
| **Resistive load 110 V dc max** | 50 W |
| **Resistive load 24 V dc max** | 100 W |
| **Mechanical life expectancy** | AC: 10 Mill./DC: 20 Mill |
| **Surge current (20 ms)** | 15 A |
| **Release time** | 6 ms |
| **Release time + contact debounce** | 7 ms |

## GENERAL DATA

| | |
|---|---|
| **IP class** | IP40 |
| **Isolation contact/contact** | 2500 V |
| **Isolation contact/coil** | 2000 V |
| **Temperature operational min** | -40 °C |
| **Storage temperature min** | -40 °C |
| **Storage temperature max** | 80 °C |
| **Temperature operational max** | 60 °C |
| **Frequency** | 50 Hz |
| **Optional coil** | DX (diode + LED) |
| **Weight** | 43 g |
| **Approvals** | CE, Gost R, RoHS, CCC, CSA, Lloyd´s, UL |

