

## C7 MINIATURE RELAY

2-pole 10 A - QRC

C7A2824D

Relay 8 Pin 2 Pole 5 $\mu$  Au 24V dc

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



### PRODUCT DESCRIPTION

## TECHNICAL DATA

### INPUT DATA

|                         |          |
|-------------------------|----------|
| Working Un              | 0,8-1,10 |
| Nominal power dc        | 1 W      |
| Coil voltage dc         | 24 V DC  |
| Response time           | 16 ms    |
| Tripping voltage max UN | 0.2      |

### OUTPUT DATA

|                             |                                   |
|-----------------------------|-----------------------------------|
| Number of contacts          | 2                                 |
| Contact material            | AgNi + 5 $\mu$ Au                 |
| Breaking Voltage            | 250 V                             |
| Breaking capacity current   | 10 A                              |
| Recommended max load        | 10 A/250 V AC-1; 0,5 A/110 V DC-1 |
| Recommended min load        | 5 mA/5 V                          |
| Resistive load 110 V dc max | 55 W                              |
| Resistive load 24 V dc max  | 240 W                             |
| Mechanical life expectancy  | AC: 10 Mill./DC: 20 Mill          |
| Surge current (20 ms)       | 30 A                              |
| Bounce time                 | 3                                 |

|                                 |      |
|---------------------------------|------|
| Release time                    | 8 ms |
| Release time + contact debounce | 9 ms |

### GENERAL DATA

|                             |                                         |
|-----------------------------|-----------------------------------------|
| IP class                    | IP40                                    |
| Isolation contact/contact   | 2500 V                                  |
| Isolation contact/coil      | 2500 V                                  |
| Insulation class EN60947    | 250 V Pollution 3, Group C              |
| Temperature operational min | -40 °C                                  |
| Storage temperature min     | -40 °C                                  |
| Storage temperature max     | 80 °C                                   |
| Temperature operational max | 60 °C                                   |
| Frequency                   | 50 Hz                                   |
| Weight                      | 43 g                                    |
| Approvals                   | CE, Gost R, RoHS, CCC, CSA, Lloyd's, UL |

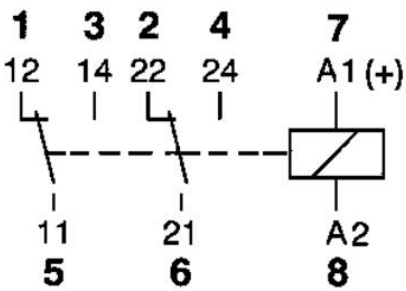


Fig. 2 DC load limit curve

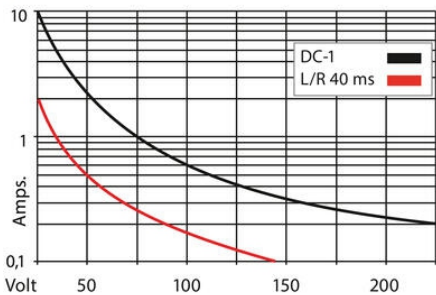


Fig. 1 AC voltage endurance

