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# C7 MINIATURE RELAY

2-pole 10 A - QRC

C7A20230A
Relay 8 Pin 2 Pole 230V ac



- 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 ac** | 1.2 VA |
| **Coil voltage ac** | 230 V AC |
| **Response time** | 16 ms |
| **Tripping voltage max UN** | 0.25 |

## OUTPUT DATA

| | |
|---|---|
| **Number of contacts** | 2 |
| **Contact material** | AgNi |
| **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** | 10 mA/10 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 |

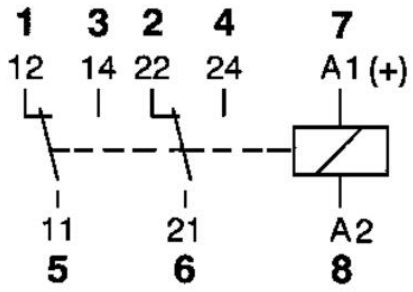



Fig. 1 AC voltage endurance

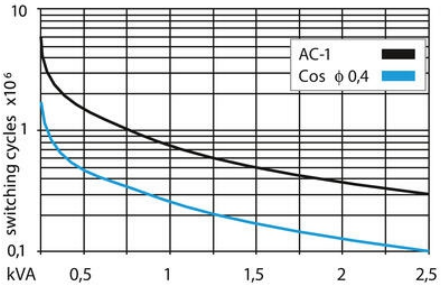



Fig. 2 DC load limit curve

