**OEM Automatic Ltd**
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# C10 INTERFACE RELAY

1-pole 10 A - IRC

C10A10BX24AD
Relay 5 Pin 1 Pole LED 24V ac/dc



- Robust flat pins, for industrial applications
- Both mechanical and LED indication
- Colour-coded test button
- Twin contact for low loads

**PRODUCT DESCRIPTION**

# TECHNICAL DATA

## INPUT DATA

| | |
|---|---|
| **Nominal power ac** | 1.1 VA |
| **Nominal power dc** | 0.7 W |
| **Coil voltage ac/dc** | 24 V AC/DC |
| **Overvoltage UNX max** | 1.1 |
| **Tripping voltage max UN** | 0.1 |

## OUTPUT DATA

| | |
|---|---|
| **Number of contacts** | 1 |
| **Contact material** | AgNi |
| **Breaking Voltage** | 250 V |
| **Breaking capacity current** | 10 A |
| **Recommended min load** | 10 mA / 10 V |
| **Mechanical life expectancy** | AC:10 Mill./DC:20 Mill |
| **Surge current (20 ms)** | 30 A |
| **Release time** | 5 ms |
| **Release time + contact debounce** | 8 ms |

## GENERAL DATA

| | |
|---|---|
| **IP class** | IP40 |

| | |
|---|---|
| **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** | 70 °C |
| **Frequency** | 50 Hz |
| **Optional coil** | BX (bridge rectifier) |
| **Approvals** | CCC, CE, CSA, Gost R, RoHS, UL |

| | |
|---|---|
| **Type of relay** | Industrial relay |

Fig. 2 DC load limit curve

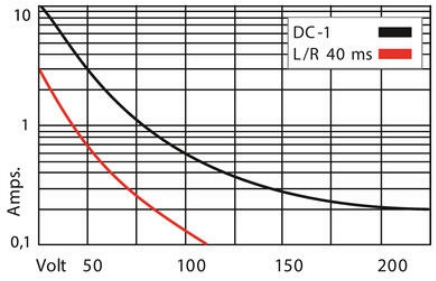
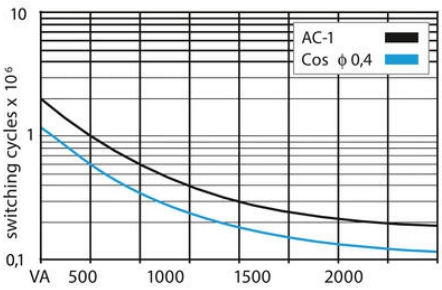
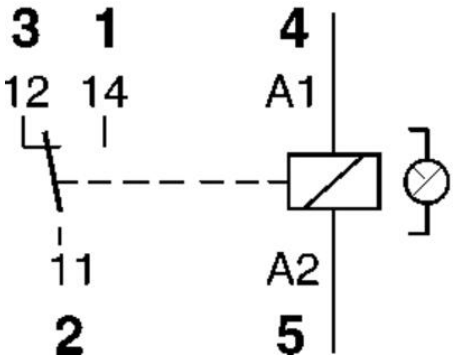



Fig. 1 AC voltage endurance



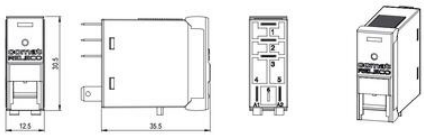

# C10-A10BX

02

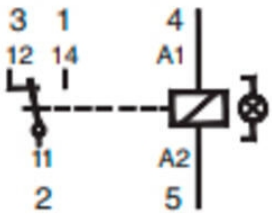
10A 250V AC-1

10A 30V DC-1



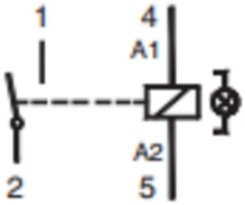



Gap:
0,5 mm

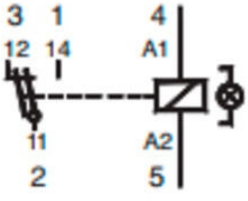


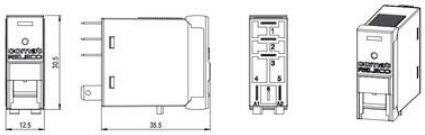

Made in India

Gap:
1 mm

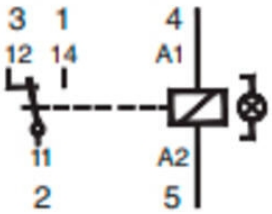



Gap:
0,5 mm

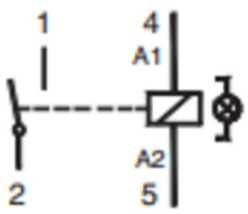


**Gap:**
**0,5 mm**




**Gap:**
**1 mm**




**Gap:**
**0,5 mm**

