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C7 MINIATURE RELAY

2-pole 10 A - QRC

C7A20X48A
Relay 8 Pin 2 Pole LED 48V 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	48 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
Optional coil	X (LED)
Weight	43 g
Approvals	CE, Gost R, RoHS, CCC, CSA, Lloyd´s, UL

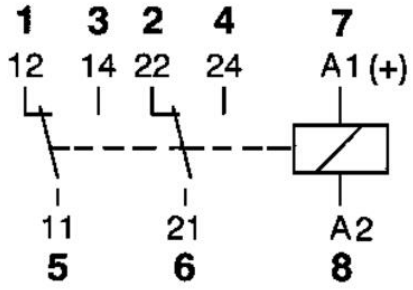


Fig. 1 AC voltage endurance

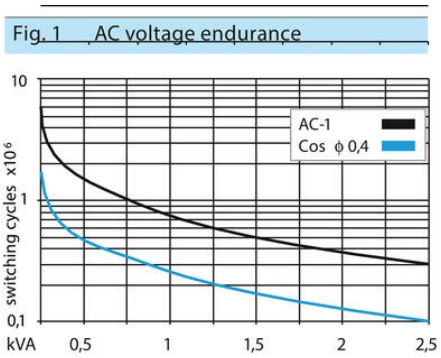
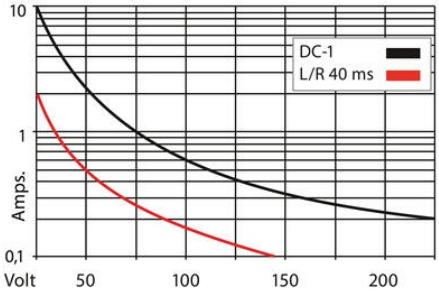


Fig. 2 DC load limit curve



C7-A20X

04

AC 1.5 VA DC 0.9 W

10A / 250V AC-1

μ 10A / 30V DC-1

