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C7 MINIATURE RELAY

2-pole 10 A - QRC

C7A20DX48D
Relay 8 Pin 2 Pole Diode LED 48V 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	48 V DC
Response time	16 ms
Tripping voltage max UN	0.2

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	DX (diode + LED)
Weight	43 g
Approvals	CE, Gost R, RoHS, CCC, CSA, Lloyd´s, UL

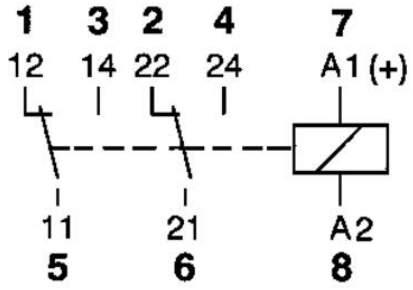


Fig. 2 DC load limit curve

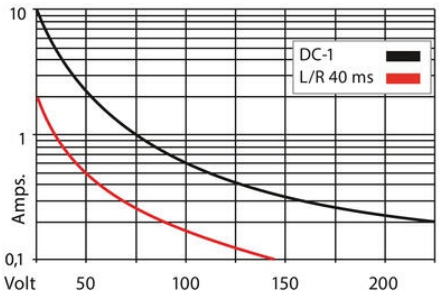
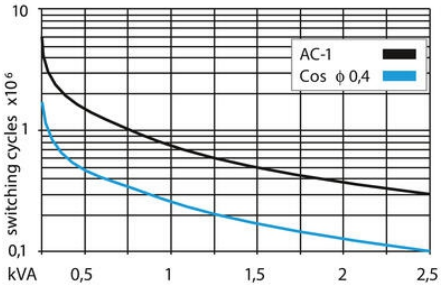
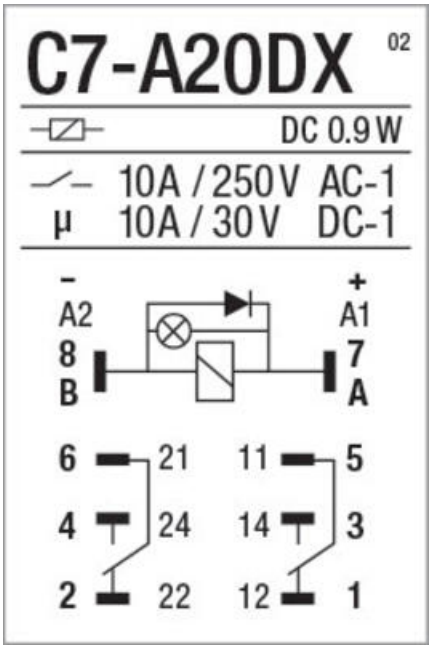
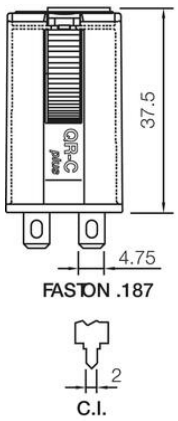
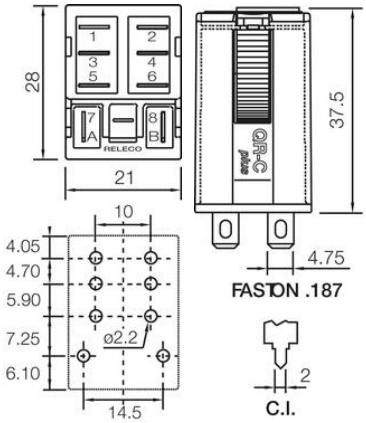


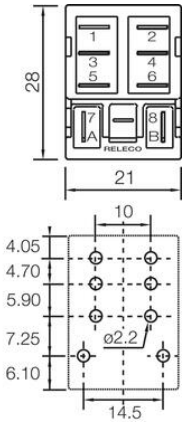
Fig. 1 AC voltage endurance




C7-A20DX
02
DC 0.9 W
10A / 250V AC-1
μ 10A / 30V DC-1
–
+
A2
A1
8
B
7
A
6
21
11
5
4
24
14
3
2
22
12
1


37.5
4.75
FASTON .187
2
C.I.


28
1
3
5
2
4
6
7
A
8
B
RELECO
21
37.5
10
4.05
4.70
5.90
7.25
6.10
ø2.2
14.5
4.75
FASTON .187
2
C.I.


28
1
3
5
2
4
6
7
A
8
B
RELECO
21
10
4.05
4.70
5.90
7.25
6.10
ø2.2
14.5