

C2-A2x**2 pole | changeover contact**

Maximum contact load	10 A/250 V AC-1	0.5 A/110 V DC-1
	10 A/30 V DC-1	0.2 A/220 V DC-1
Recommended minimum contact load	10 mA/10 V Code 0	
	5 mA/5 V Code 8	

Contacts

Material	Standard	Code 0	AgNi
	Optional	Code 8	AgNi + 5 µ Au
Max. switching current			10 A
Max. peak inrush current (20 ms.)			30 A
Max. switching voltage			250 V
Max. AC load fig. 1			2.5 kVA
Max. DC load			See fig. 2

Coils

Coil resistance	see table; tolerance $\pm 10\%$
Pick up voltage	$\leq 0.8 \times U_N$
Pick up voltage	$\geq 0.1 \times U_N$
Nominal power	2.2 VA (AC)/1.3 W (DC)

Coil Table

V AC	Ω	mA	V DC	Ω	mA
24	67	92	24	443	54
48	296	46	48	1K8	27
115	1K7	19	110	9K	12
230	7K1	9.5	220	36K1	6

Insulation

	Volt rms / 1 min
Open contact	1000 V
Between adjacent poles	2.5 kV
Between contacts and coil	2.5 kV
Insulation resistance at 500 V	$\geq 1 \text{ G}\Omega$
Insulation, IEC 61810-1	2.5 kV

Specifications

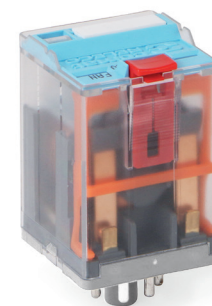
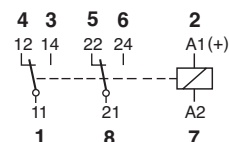
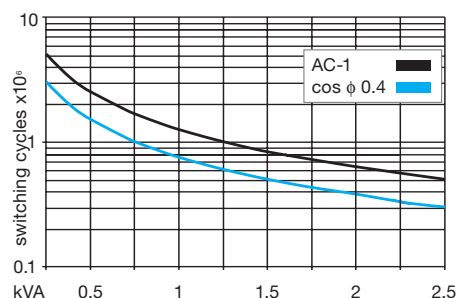
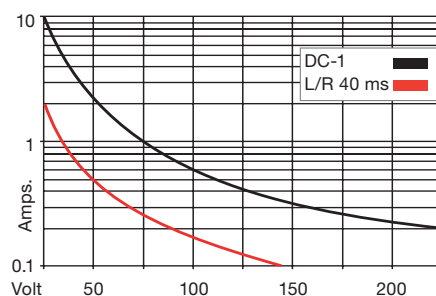
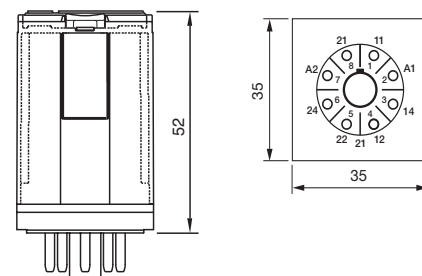
Ambient temperature operation/storage	-40...60 °C / -40 ... 80 °C (no ice)
Pick-up time + bounce time	16 ms / ≤ 3 ms
Release time + bounce time	8 ms / ≤ 1 ms
Mechanical life ops	AC: 10 Mill./DC: 20 Mill.
DC voltage endurance at rated load	$\geq 100\,000$ ops. switching cycles
Max. switching frequency at rated load	1200/h
Weight	79 g

Product References**V AC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)****LED****RC Suppressor****V DC 24, 48, 110, 220****LED****Free wheeling diode****Polarity and free wheeling diode****AC/DC bridge rectifier 24 V, 48 V, 60 V**

Other voltages on request

C2-A20/AC ... V	C2-A28/AC ... V
C2-A20X/AC ... V	C2-A28X/AC ... V
C2-A20R/AC ... V	C2-A28R/AC ... V
C2-A20/DC ... V	C2-A28/DC ... V
C2-A20X/DC ... V	C2-A28X/DC ... V
C2-A20DX/DC ... V	C2-A28DX/DC ... V
C2-A20FX/DC ... V	C2-A28FX/DC ... V
C2-A20BX/UC ... V	C2-A28BX/UC ... V

"..." List Coil Voltage to complete Product References

Accessories (See also Section Sockets)Socket
Blanking Plug**S2-B, S2-PO**
SO-NP (BAG 10 PCS)**Connection diagram****fig. 1 AC voltage endurance****fig. 2 DC load limit curve****Dimensions (mm)****Technical approvals, conformities**

IEC/EN 61810; IEC/EN 60947