

C4-X2x**2 pole | normally open serial contact | plug-in Faston****TURCK****comat**
RELECO
WORLD OF RELAYS

Maximum contact load	10 A/250 V AC-1	7 A/110 V DC-1
	10 A/30 V DC-1	1.2 A/220 V DC-1

Contacts

Material	Standard	Code 0	⚡ AgNi
Rated Load			10 A
Switch-on current max. (20 ms)			30 A
Switching voltage max			250 V
AC load (Fig 1)			2.5 kVA
DC load			see Fig. 2

Coil

Coil resistance	see table; tolerance $\pm 10\%$
Pick-up voltage	$\leq 0.8 \times U_N$
Release voltage	$\geq 0.1 \times U_N$
Nominal power	2.4 VA (AC)/1.3 W (DC)

Coil table

V AC	Ω	mA	VDC	Ω	mA
24	65	100	24	443	54
48	286	50	48	1K8	27
115	1K7	21	110	9K2	12
230	6k8	10	220	30K3	6

Insulation

Contact open	Volt rms / 1 min
Contact/contact	2500 V
Contact/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	20 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	$\geq 100\,000$ switching cycles
Switching frequency at rated load	≤ 1200 /ops/h
Weight	90 g

Product References**V AC 50 Hz/60 Hz: 24, 48, 115, (120), 230, (240)****LED****RC Suppressor**

C4-X20/AC ... V
C4-X20X/AC ... V
C4-X20R/AC ... V

VDC 24, 48, 110, 220**LED****Free wheeling diode****Polarity and free wheeling diode**

C4-X20/DC ... V
C4-X20X/DC ... V
C4-X20DX/DC ... V
C4-X20FX/DC ... V

AC/DC bridge rectifier 24 V, 48 V, 60 V

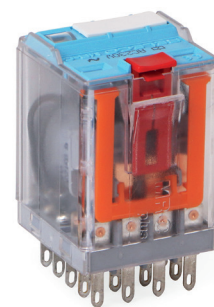
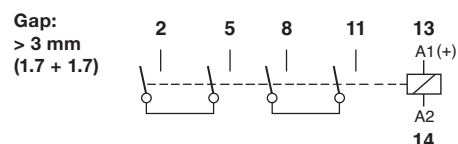
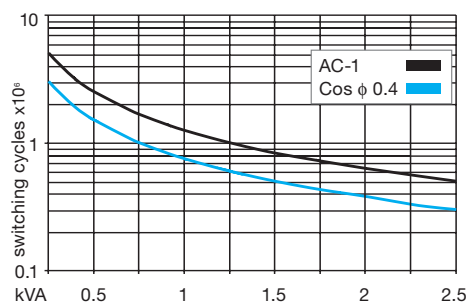
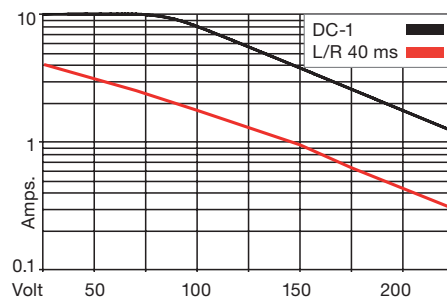
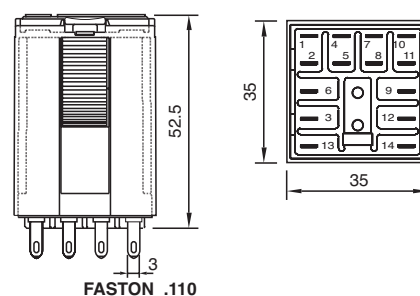
Other voltages on request

C4-X20BX/UC ... V

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

Accessories (See also Section Sockets)

Socket:	S4-J, S4-L, S4-P
Wall Mounting Adapter:	S5-R (BAG 5 PCS)
Blanking Plug:	SO-NP (BAG 10 PCS)

**Connection diagram****Fig.1 AC voltage endurance****Fig. 2 DC load limit curve****Dimensions****Technical approvals, conformities**

IEC/EN 61810; IEC/EN 60947