

C3-M1x**1 pole | normally open serial contact with blow magnet | plug-in****TURCK****comat**
RELECO
WORLD OF RELAYS**Maximum contact load** **10 A 250 V AC-1** **10 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	480	50
48	286	50	48	1K8	26
115	1K7	21	110	9K	12
230	6K8	10	220	29K	7.5

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 ... 70 °C (55° C AC) / -40 ... 80 °C (no ice)
Pick-up time/bounce time	20 ms/ ≤ 3 ms
Release time/bounce time	10 ms/ ≤ 1 ms
Mechanical life ops	AC: 10 Mill./DC: 20 Mill.
DC voltage endurance	see fig. 2
Switching frequency at rated load	$\leq 1200/\text{h}$
Weight	90 g

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

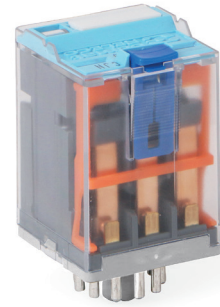
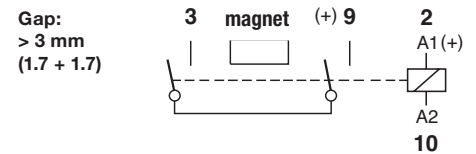
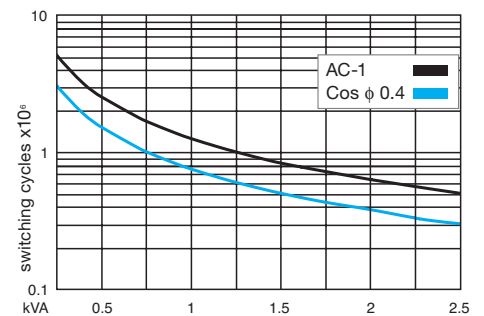
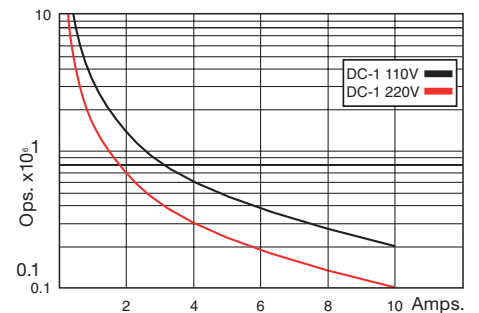
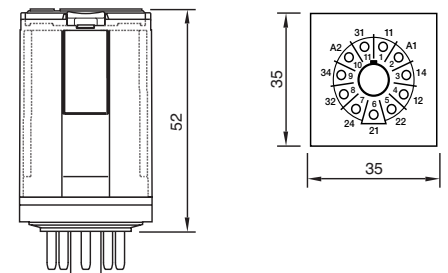
Other voltages on request

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

Accessories (See also Section Sockets)

Socket:

Blanking Plug:

S3-B, S3-S, S3-L, S3-PO, S3-MB0, S3-MB1
SO-NP (BAG 10 PCS)**Connection diagram****Fig.1 AC voltage endurance****Fig. 2 DC voltage endurance****Dimensions****Technical approvals, conformities**

IEC/EN 61810; IEC/EN 60947