

C4-R3x**3 pole | changeover contact | retentive | plug-in**

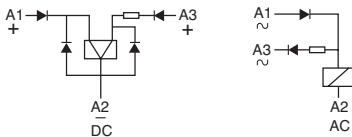
Maximum contact load	10 A/250 V	AC-1	0.5 A/110 V	DC-1
	10 A/10 V	DC-1	0.2 A/220 V	DC-1
Recommended minimum contact load	5 mA/5 V	Code 8		

Contacts

Material	Standard	Code 0	 AgNi
	Optional	Code 8	 AgNi + 5 μ Au
Rated Load			10 A
Switch-on current max. (20 ms)			30 A
Switching voltage max.			250 V
AC load			2.5 kVA
DC load			see Fig. 2

Coil

Coil resistance	see table; tolerance $\pm 10\%$
ON pulse power	1.5 VA/W
OFF pulse power	0.5 VA/W
Pull-in ON/OFF	1 Winding for AC, 2 Windings for DC $\leq 0.8 \times U_N$

Internal Diagram:**Coil table**

V AC	mA ON	mA OFF	VDC	mA ON	mA OFF
24	75	12	12	125	41
48	38	6	24	63	21
115	16	2.5	48	31	10
230	8	1.3	110	14	4.5

Insulation

Contact open	Volt rms / 1 min
Contact/contact	1000 V
Contact/coil	2.5 kV
Insulation resistance at 500 V	2.5 kV
Insulation, IEC 61810-1	$\geq 1\text{ G}\Omega$

Specifications

Ambient temperature operation/storage	-40...60 °C / -40 ... 80 °C (no ice)
Minimum pulse length for ON/OFF	50 ms
Mechanical life ops	AC: 10 Mill./DC: 20 Mill. switching cycles
DC voltage endurance at rated load	$\geq 100\,000$ switching cycles
Switching frequency at rated load	$\leq 1200/\text{h}$
Weight	95 g

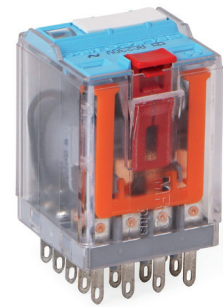
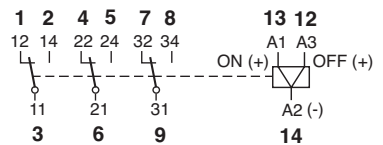
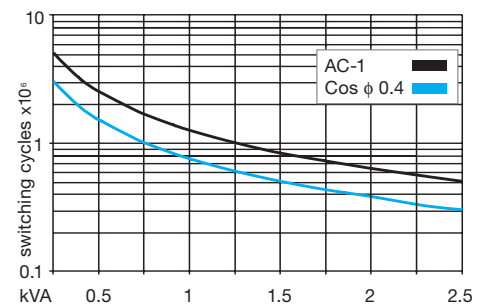
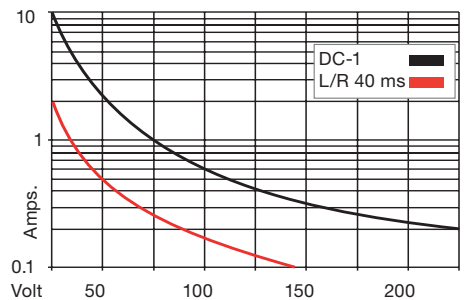
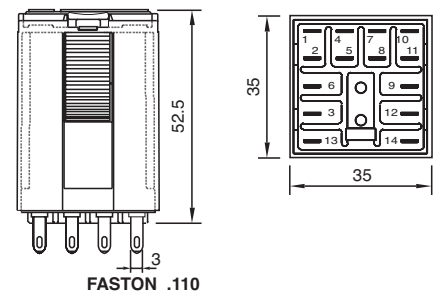
Product References**V AC 50 Hz/60 Hz: 24, 48, 115, 230****VDC 12, 24, 48, 110**

Other voltages on request

"... " 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