

Type	C9-R2x/ ... V Magnetic latching relay 2 change-over contacts
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Maximum contact load	5 A/120V AC1 5 A/30 V DC1
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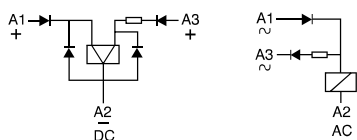
Recommended minimum contact load	10 mA/10 V
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Contacts

Material	Standard	Code 1	AgNi + 0,2 µ Au
Rated current			5 A
Switch-on current max. (20 ms)			15 A
Switching voltage max.			120V
AC load			600 VA
DC load			see Fig. 2

Coil

Coil resistance	see table; tolerance ± 10 %
ON pulse power	1,2 VA/W
OFF pulse power	0,3 VA/W
1 winding for AC, 2 winding for DC	

Internal Diagram:**Coil table**

VAC	mA ON	mA OFF	VDC	mA ON	mA OFF
24	50	8	12	100	25
48	25	4	24	50	12
115	10	2	48	25	6
230	5	1	60	20	5

Insulation

Coil resistance	Volt rms, 1 min
Contact open	1000 V
Contact/contact	2 kV
Contact/coil	2 kV
Insulation resistance at 500 V	≥1 GΩ
Insulation, IEC 61810-1	2,5 kV/2

Specifications

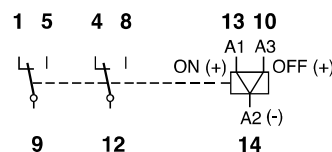
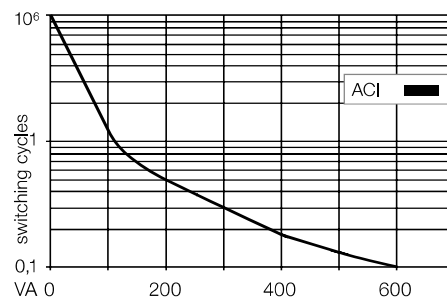
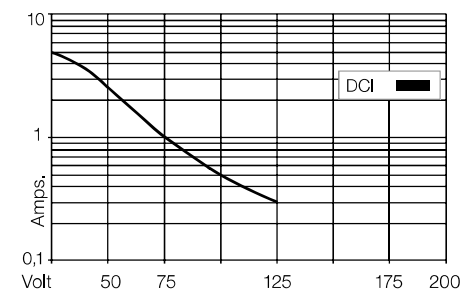
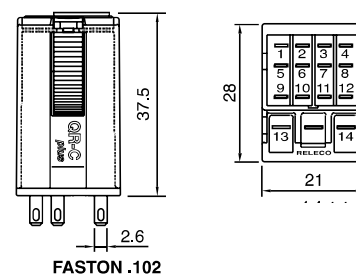
Ambient temperature operation/storage	-40 (no ice)...60 °C /-40 ... 80 °C
Minimum pulse ON/OFF	50 ms
Mechanical life	AC: 10 Mill./DC: 20 Mill.
DC voltage endurance at rated load	≥100000 switching cycles
Switching frequency at rated load	≤ 1200/h
Protection class	IP40
Weight	43 g

Standard types**AC 50 Hz/60 Hz: 24, 48, 115, (120), 230****C9-R21/AC ... V****DC 12, 24, 48, 60****C9-R21/DC ... V**

"..." Enter the voltage for full type designation

Accessories

Socket:	S9-M, S9-L, S9-P, S9-P0
Optional accessories (blanking plug):	S9-NP, S9-OP

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