

C9-R2x

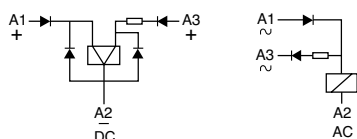
9-pin, miniature remanence relay, 2-pole, plug-in, faston

Type	C9-R2x/ ... V Magnetic latching relay 2 change-over contacts			
Maximum contact load	5 A/120V AC-1	5 A/30 V DC-1		
Recommended minimum contact load	10 mA/10 V			

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		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, 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 (blinking plug):	S9-NP, S9-OP



Connection diagram

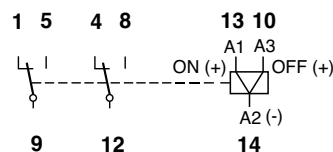


Fig. 1 AC voltage endurance

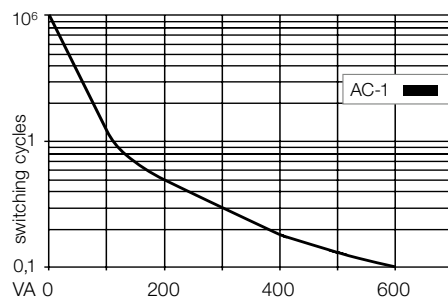
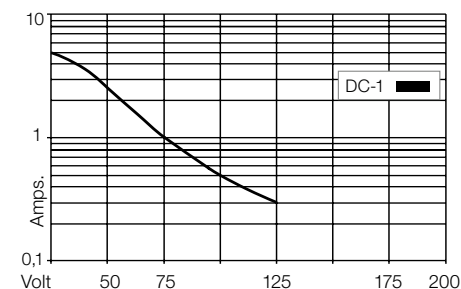
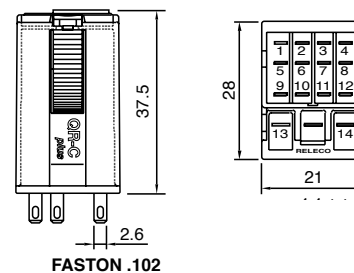


Fig. 2 DC load limit curve



Dimensions [mm]



Technical approvals, conformities

