

C9-E2x**2 pole | changeover contact | sensitive coil | plug-in Faston****TURCK****comat**
RELECO
WORLD OF RELAYS

Maximum contact load	5 A/250 V	AC-1	5 A/30 V	DC-1
Recommended minimum contact load	10 mA/10 V	Code 1		

Contacts

Material	Standard	Code 1	AgNi + 0.2 µ Au
Rated Load			5 A
Switch-on current max. (20 ms)			15 A
Switching voltage max.			250 V
AC load (Fig 1)			1200 VA
DC load			see fig. 2

Coil

Coil resistance	see table; tolerance ± 10 %
Pick-up voltage	≤ 0.8 × U _N
Release voltage	≥ 0.1 × U _N
Nominal power	0.8 VA (AC)/0.5 W (DC)

Coil table

V AC	Ω	mA	VDC	Ω	mA
24	238	33	12	288	42
48	1K	17	24	1K1	21
115	5K9	7	48	4K6	10
230	23K9	3.5	110	24K2	4.5

Insulation

	Volt rms / 1 min
Contact open	1000 V
Contact/contact	2.5 kV
Contact/coil	2.5 kV
Insulation resistance at 500 V	≥ 1 GΩ
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	10 ms/≤ 3 ms
Release time/bounce time	6 ms/≤ 1 ms
Mechanical life	AC: 10 Mill./DC: 20 Mill.
DC voltage endurance at rated load	≥ 100 000 switching cycles
Switching frequency at rated load	≤ 1200/h
Weight	40 g

Product References**V AC 50 Hz/60 Hz: 24, 48, 115, 230 (240) LED****VDC 12, 24, 48, 110, 220****LED****Free wheeling diode (only 24 DC)****Polarity and free wheeling diode****AC/DC bridge rectifier 24 V, 48 V, 60 V**

Other voltages on request

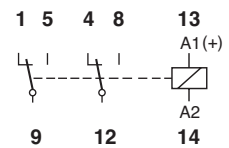
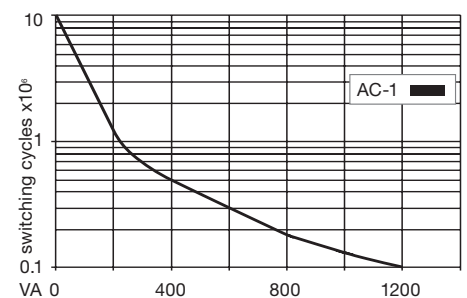
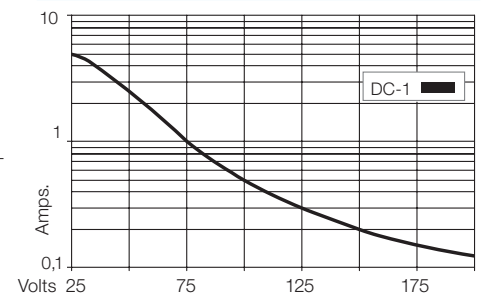
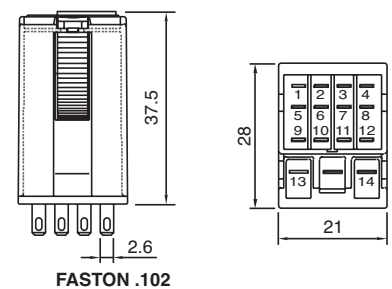
"..." List Coil Voltage to complete Product References

Accessories (See also Section Sockets)

Socket:	S9-M, S9-P
Push only:	S9-OP (BAG 10 PCS)
Blanking Plug:	S9-NP (BAG 10 PCS)



Maximum voltage between two separate circuits on neighbouring contacts: 150 V
Not permitted: 24 V DC next to 230 V AC, 230 V AC next to neutral, 230 V AC next to 230 V AC of different phases
Permitted: 230 V AC next to 230 V AC same phase

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

IEC/EN 61810; IEC/EN 60947