

C10-G1x

1 pole | normally open contact | plug-in Faston

Maximum contact load	10 A/250 V AC-1	0.8 A/110 V DC-1
	10 A/30 V DC-1	0.4 A/220 V DC-1
Recommended minimum contact load	10 mA/10 V Code 0.5	
	5 mA/5 V Code 8	

Contacts			
Material	Standard	Code 0	⚡ AgNi
	Optional	Code 8	⚡ AgNi + 5 μ Au
	Optional	Code 5	⚡ AgSnO ₂
Rated Load			10 A
Switch-on current max. (20 ms)			30 A (120 A for code 5)
Switching voltage max.			250 V
AC load (Fig 1)			2.5 kVA
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	1.1 VA (AC)/0.7 W (DC)

Coil table					
V AC	Ω	mA	VDC	Ω	mA
24	290	45	12	224	53
48	1200	23	24	742	32
115	7.300	9.5	48	3.500	13.7
230	28.800	4.7	110	19.900	5.5

Insulation	Volt rms / 1 min
Contact open	2000 V
Contact/coil	5 kV
Insulation resistance at 500 V	≥ 1 G.Ω
Insulation, IEC 61810-1	4 kV

Specifications	
Ambient temperature operation/storage	-40 ... 70 °C / -40 ... 80 °C (no ice)
Pick-up time/bounce time	10 ms/≤ 1 ms
Release time/bounce time	8 ms
Mechanical life ops	AC: 10 Mill./DC: 20 Mill.
DC voltage endurance at rated load	≥ 100 000 switching cycles
Switching frequency at rated load	≤ 1200/h
Weight	21 g

Product References		
V AC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)	C10-G10/AC ... V	C10-G15/AC ... V
LED	C10-G10X/AC ... V	C10-G15X/AC ... V
RC Suppressor	C10-G10R/AC...V	C10-G15R/AC...V
VDC 12, 24, 48, 110	C10-G10/DC ... V	C10-G15/DC ... V
LED	C10-G10X/DC ... V	C10-G15X/DC ... V
Polarity and free wheeling diode	C10-G10FX/DC ... V	C10-G15FX/DC... V
AC/DC bridge rectifier 24 V, 48 V	C10-G10BX/DC ... V	C10-G15BX/UC... V
Other voltages on request		

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

Accessories	
Socket:	S10, S10-P



Connection diagram

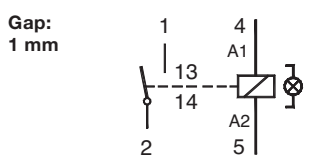


Fig.1 AC voltage endurance

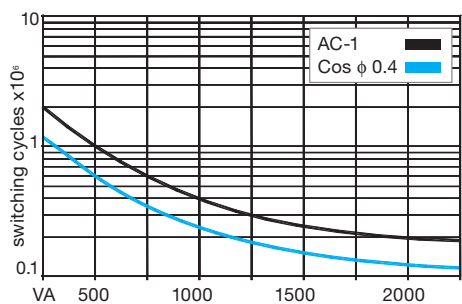
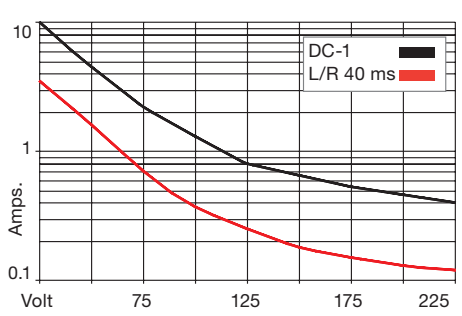
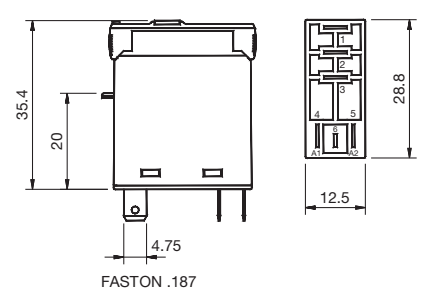


Fig. 2 DC load limit curve



Dimensions



Technical approvals, conformities

