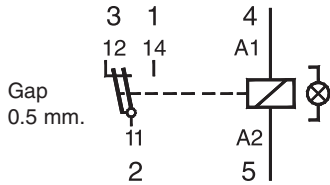
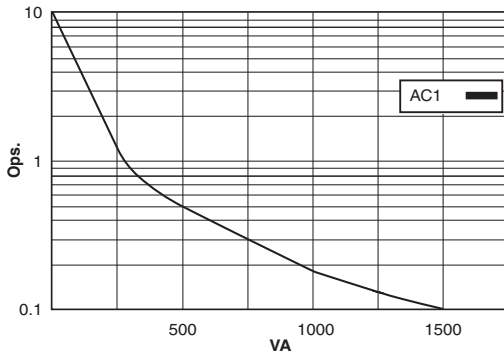


Relay compatible with sockets:

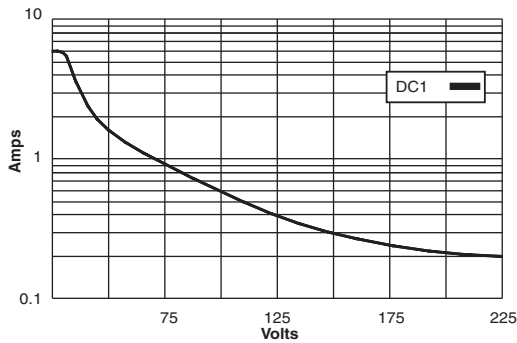
S10, S10-M, S10-P, S10-K



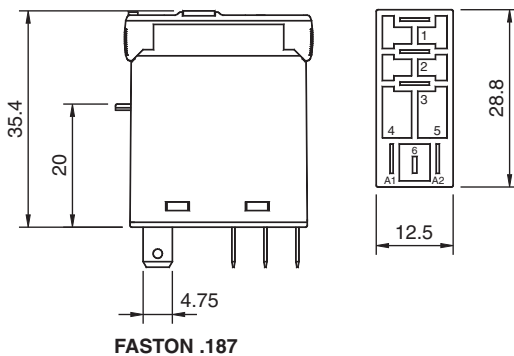
**Table 1** Electrical Life, ops. x 10<sup>6</sup>



**Table 2** Max. DC Load



**Dimensions - mm**



**C10-T13**



One change-over twin contact

**6 A 250 V AC1      0.5 A 110 V DC1**  
**6 A 30 V DC1      0.2 A 220 V DC1**

**Contacts**

Materials: Standard, code 3      AgNi + 3μ Au  
Optional, code 2      AgNi + 10μ Au  
Max. switching current      6 A  
Max. peak inrush current (20 ms)      15 A  
Max. switching voltage      250 V  
Max. AC load (Table 1)      1.5 KVA  
Max. DC load (Table 2)

**Coils** (Ohms ±10% @ 20°C)

Pull-in voltage      ≤0.8 x U<sub>n</sub>  
Drop-out voltage      ≥0.1 x U<sub>n</sub>  
Nominal coil power      1.1 VA (AC)/0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45	12	224	53
48	1,200	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**

Dielectric strength (1 minute):  
Open contacts      1,000 V  
Between contact and coil      5 KV  
Isolation resistance at 500 V      ≥1 GΩ  
Isolation, IEC 61810-5:      4 KV/3

**Specifications**

Operate time + bounce time      10 ms  
Release time + bounce time      5 ms  
Ambient temperature      -40°C (no ice) to +70°C  
Mechanical life ops. 10 Mill. AC relays, 20 Mill. DC relays  
Electrical life at nominal load      ≥100,000 ops.  
Operating frequency at nominal load      1,200/hour  
Protection grade      IP 40/RT1  
Weight avg.      21 g

**Standard Types**

**AC 50 Hz, (60 Hz): 24, 48, 115, (120), 230, (240)**  
X = LED (standard)      **C10-T13X.....VAC**  
RC suppressor      **C10-T13R.....VAC**

**DC 12, 24, 48, 110**  
X = LED, no polarity (standard)      **C10-T13X.....VDC**

**Options** (DC coils)  
Polarity and free-wheeling diodes      **C10-T13FX... VDC**  
AC/DC bridge rectifier (24, 48 or 60 V)      **C10-T13BX... VDC**



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