

Relay compatible with sockets:

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

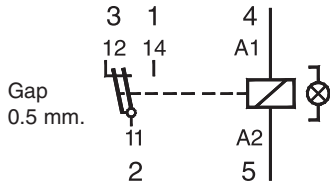


Table 1 Electrical Life, ops. x 10⁶

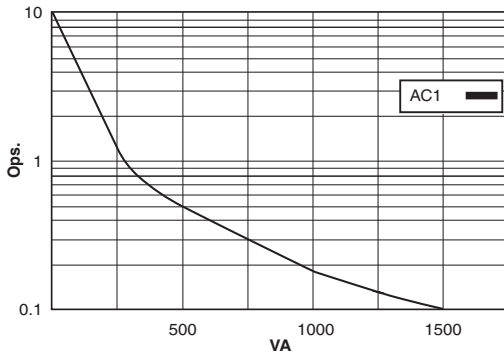
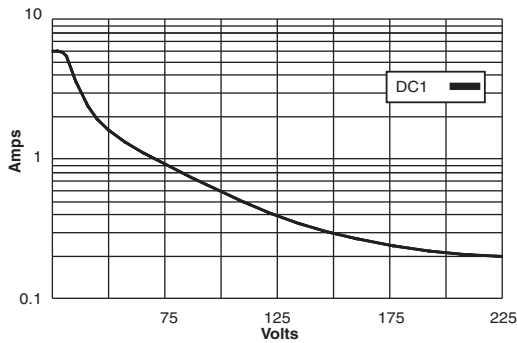
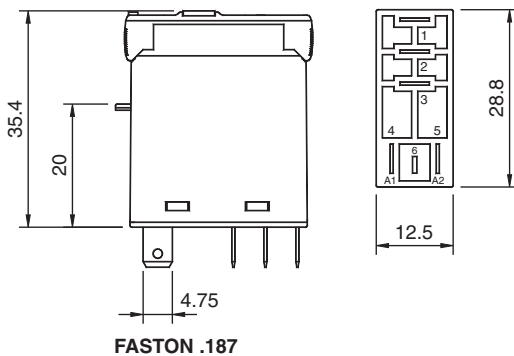


Table 2 Max. DC Load



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_N
Drop-out voltage ≥0.1 x U_N
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

