

# C10-T1x

1 pole | changeover twin contact | plug-in Faston

<b>Maximum contact load</b>	<b>6 A/250 V</b>	<b>AC-1</b>	<b>0.5 A/110 V</b>	<b>DC-1</b>
	<b>6 A/30 V</b>	<b>DC-1</b>	<b>0.2 A/220 V</b>	<b>DC-1</b>
<b>Recommended minimum contact load</b>	<b>5 mA/5 V</b>	<b>Code 1</b>		
	<b>1 mA/5 V</b>	<b>Code 3</b>		

### Contacts

Material	Standard	Code 1	AgNi + 0.2 μ Au
	Optional	Code 3	AgNi + 5 μ Au
Rated Load			6 A
Switch-on current max. (20 ms)			15 A
Switching voltage max			250 V
AC load (Fig 1)			1.5 kVA
DC load			see fig. 2

### Coil

Coil resistance	see table; tolerance ± 10 %
Pick-up voltage	≤ 0.8 x U <sub>N</sub>
Release voltage	≥ 0.1 x U <sub>N</sub>
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	1000 V
Contact/coil	5 kV
Insulation resistance at 500 V	≥ 1 GΩ
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	5 ms/≤ 3 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)

LED  
RC Suppressor

VDC12, 24, 48, 110

LED  
Polarity and free wheeling diode

AC/DC bridge rectifier 24 V, 48 V

Other voltages on request

C10-T11/AC ... V  
C10-T11X/AC ... V  
C10-T11R/AC...V

C10-T11/DC ... V  
C10-T11X/DC ... V  
C10-T11FX/DC ... V

C10-T11BX/UC ... V

C10-T13/AC ... V  
C10-T13X/AC ... V  
C10-T13R/AC...V

C10-T13/DC ... V  
C10-T13X/DC ... V  
C10-T13FX/DC ... V

C10-T13BX/UC ... V

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

### Accessories

Socket: **S10, S10-P**



### Connection diagram

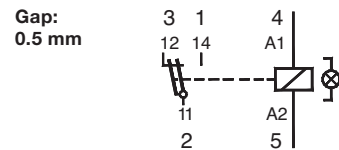


Fig.1 AC voltage endurance

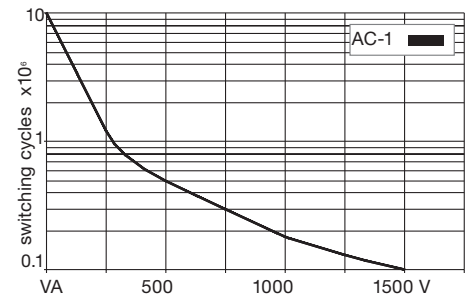
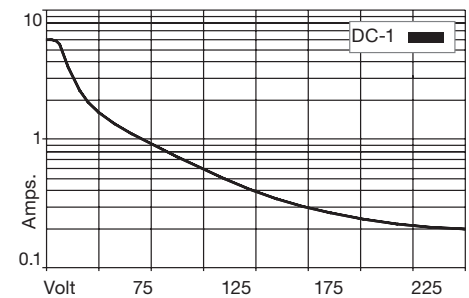
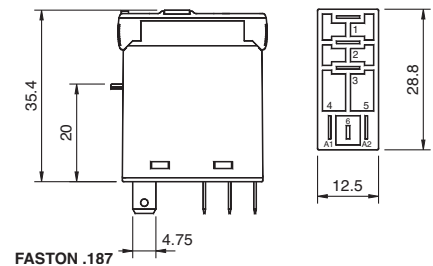


Fig. 2 DC load limit curve



### Dimensions



### Technical approvals, conformities

