

Type	C10-T1x/ ... V Standard relay for low power application			
Maximum contact load	6 A/250 V	AC1	0,5 A/110 V	DC1
	6 A/30 V	DC1	0,2 A/220 V	DC1
Recommended minimum contact load	5 mA/5 V	Code 3		
	1 mA/5 V	Code 2		

Contacts

Material	Standard	Code 3	AgNi + 3 µ Au
	Optional	Code 2	AgNi + 10 µ Au
Rated current			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 × U _N
Release voltage	≥ 0,1 × U _N
Nominal power	1,1 VA (AC)/0,7 W (DC)

Coil table

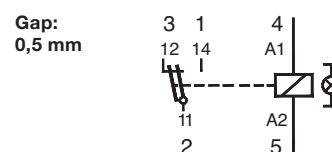
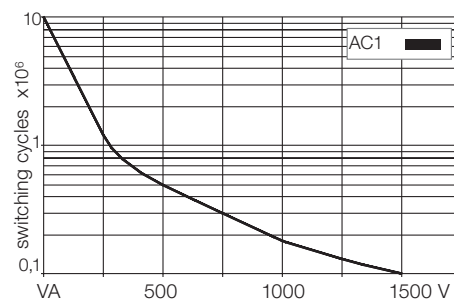
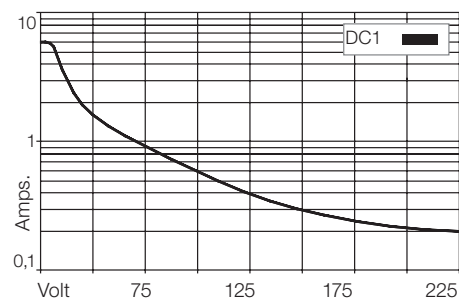
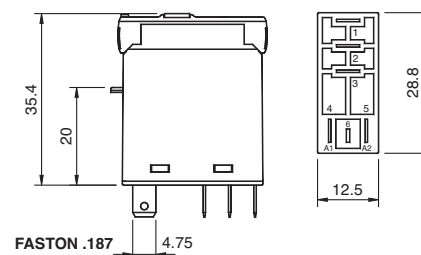
VAC	Ω	mA	VDC	Ω	mA
24	290	45	12	224	53
48	1200	23	24	742	32
115	7.300	9,5	48	3.500	13,7
230	28.800	4,7	110	19.900	5,5

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/3

Specifications

Ambient temperature operation/storage	-40 (no ice)...70 °C / -40 ... 80 °C
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	≥ 100000 switching cycles
Switching frequency at rated load	1200/h
Protection class	IP40
Weight	21 g

Standard types**VAC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)****LED****RC suppresor****VDC12, 24, 48, 110****LED****Polarity and free wheeling diode****AC/DC bridge rectifier 24 V, 48 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
C10-T12/AC ... V
C10-T12X/AC ... V
C10-T12R/AC...V
C10-T12/DC ... V
C10-T12X/DC ... V
C10-T12FX/DC ... V
C10-T12BX/UC ... V**Connection diagram****Fig. 1 AC voltage endurance****Fig. 2 DC load limit curve****Dimensions [mm]****Technical approvals, conformities**

IEC 61810; EN 60947

"... " Enter the voltage for full type designation

AccessoriesSocket: **S10, S10-M, S10-P**