

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

<b>Contacts</b>			
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		

<b>Coil</b>			
Coil resistance	see table; tolerance ± 10 %		
Pick-up voltage	≤ 0,8 × U <sub>N</sub>		
Release voltage	≥ 0,1 × U <sub>N</sub>		
Nominal power	1,1 VA (AC)/0,7 W (DC)		

<b>Coil table</b>	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

<b>Insulation</b>	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

<b>Specifications</b>	
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

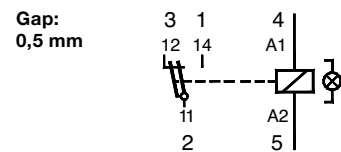
<b>Standard types</b>		
<b>VAC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)</b>	<b>C10-T13/AC ... V</b>	<b>C10-T12/AC ... V</b>
<b>LED</b>	<b>C10-T13X/AC ... V</b>	<b>C10-T12X/AC ... V</b>
<b>RC suppresor</b>	<b>C10-T13R/AC...V</b>	<b>C10-T12R/AC...V</b>
<b>VDC12, 24, 48, 110</b>	<b>C10-T13/DC ... V</b>	<b>C10-T12/DC ... V</b>
<b>LED</b>	<b>C10-T13X/DC ... V</b>	<b>C10-T12X/DC ... V</b>
<b>Polarity and free wheeling diode</b>	<b>C10-T13FX/DC ... V</b>	<b>C10-T12FX/DC ... V</b>
<b>AC/DC bridge rectifier 24 V, 48 V</b>	<b>C10-T13BX/UC ... V</b>	<b>C10-T12BX/UC ... V</b>

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

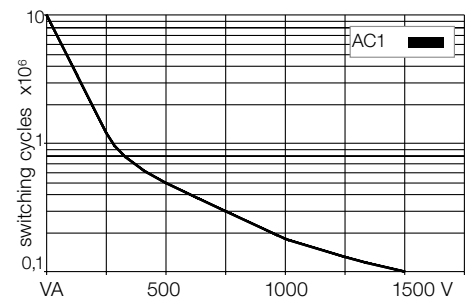
<b>Accessories</b>	
Socket:	<b>S10, S10-M, S10-P</b>



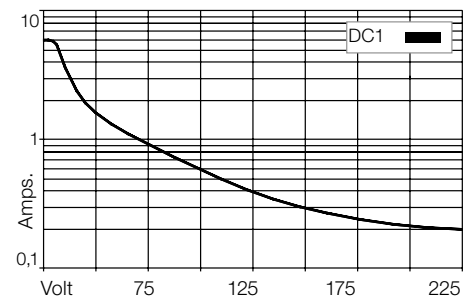
**Connection diagram**



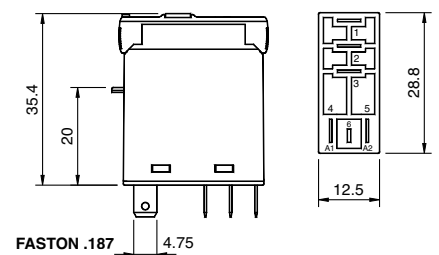
**Fig. 1 AC voltage endurance**



**Fig. 2 DC load limit curve**



**Dimensions [mm]**



**Technical approvals, conformities**



IEC 61810; EN 60947