

<b>Type</b>	<b>C10-GT1x/ ... V</b> Standard relay for low power application 1 open contact			
<b>Maximum contact load</b>	<b>6 A/250 V AC1</b>	<b>0,8 A/110 V DC1</b>		
	<b>6 A/30 V DC1</b>	<b>0,4 A/220 V DC1</b>		
<b>Recommended minimum contact load</b>	<b>5 mA/5 V Code 3</b>			
	<b>1 mA/5 V Code 2</b>			

<b>Contacts</b>				
Material	Standard	Code 3	AgNi + 3 μ	
	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 x U <sub>N</sub>			
Release voltage	≥ 0,1 x 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	2000 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

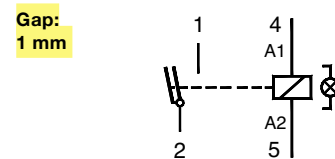
<b>Standard types</b>		
<b>VAC 50 Hz/60 Hz: 24, 48, 115, (120), 230, (240)</b>	<b>C10-GT13/AC ... V</b>	<b>C10-GT12/AC ... V</b>
<b>LED</b>	<b>C10-GT13X/AC ... V</b>	<b>C10-GT12X/AC ... V</b>
<b>RC suppresor</b>	<b>C10-GT13R/AC ... V</b>	<b>C10-GT12R/AC ... V</b>
<b>VDC 12, 24, 48, 110</b>	<b>C10-GT13/DC ... V</b>	<b>C10-GT12/DC ... V</b>
<b>LED</b>	<b>C10-GT13X/DC ... V</b>	<b>C10-GT12X/DC ... V</b>
<b>Polarity and free wheeling diode</b>	<b>C10-GT13FX/DC ... V</b>	<b>C10-GT12FX/DC ... V</b>
<b>AC/DC bridge rectifier 24 V, 48 V</b>	<b>C10-GT13BX/UC ... V</b>	<b>C10-GT12BX/UC ... V</b>

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

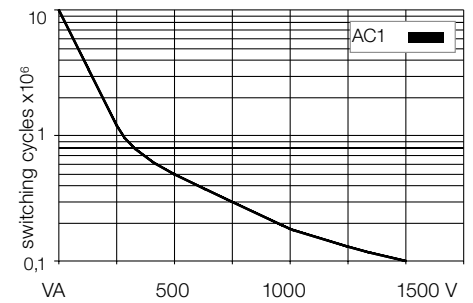
<b>Accessories</b>	
Socket:	<b>S10, S10-M, S10-P</b>



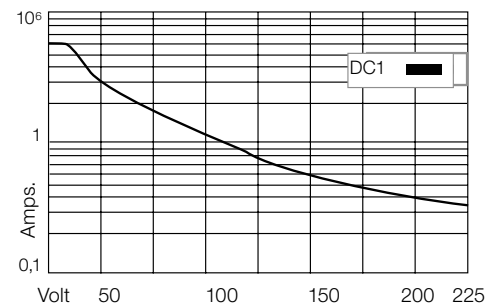
**Connection diagram**



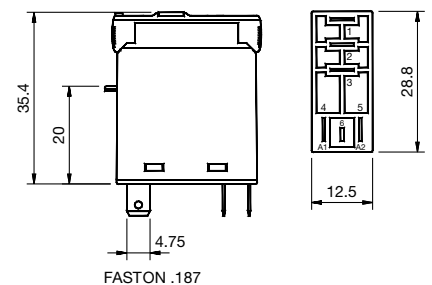
**Fig. 1 AC voltage endurance**



**Fig. 2 DC load limit curve**



**Dimensions [mm]**



**Technical approvals, conformities**



IEC 61810; EN 60947