

Type		C7-T2x/ ... V Standard relays for low level 2 change-over bifurcated contacts																																	
Maximum contact load		6 A/250 V	AC1	6 A/30 V	DC1																														
Recommended minimum contact load		5 mA/5 V	Code 1																																
		1 mA/5 V	Code 2																																
Contacts																																			
Material	Standard	Code 1	AgNi + 0,2 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)		1,2 kVA																																	
DC load		see fig. 2																																	
Coil																																			
Coil resistance		see table; tolerance ± 10 %																																	
Pick-up voltage		≤ 0,8 x U _N																																	
Release voltage		≥ 0,1 x U _N																																	
Nominal power		1,2 VA (AC)/1 W (DC)																																	
Coil table		<table><tr><th>VAC</th><th>Ω</th><th>mA</th><th>VDC</th><th>Ω</th><th>mA</th></tr><tr><td>24</td><td>174</td><td>50</td><td>12</td><td>148</td><td>85</td></tr><tr><td>48</td><td>686</td><td>25</td><td>24</td><td>594</td><td>43</td></tr><tr><td>115</td><td>4K3</td><td>10,4</td><td>48</td><td>2K3</td><td>21</td></tr><tr><td>230</td><td>18K6</td><td>5,2</td><td>110</td><td>11K4</td><td>10</td></tr></table>				VAC	Ω	mA	VDC	Ω	mA	24	174	50	12	148	85	48	686	25	24	594	43	115	4K3	10,4	48	2K3	21	230	18K6	5,2	110	11K4	10
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Insulation		Volt rms, 1 min																																	
Contact open		1000 V																																	
Contact/contact		2,5 kV																																	
Contact/coil		2,5 kV																																	
Insulation resistance at 500 V		≥1 GΩ																																	
Insulation, IEC 61810-1		2,5 kV/3																																	
Specifications																																			
Ambient temperature operation/storage		-40 (no ice)...60 °C /-40 ... 80 °C																																	
Pick-up time/bounce time		16 ms/≤ 3 ms																																	
Release time/bounce time		8 ms/≤ 1 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		43 g																																	
Standard types																																			
VAC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240) LED		C7-T21/AC ... V C7-T21X/AC ... V		C7-T22/AC ... V C7-T22X/AC ... V																															
VDC 12, 24, 48, 110 LED		C7-T21/DC ... V C7-T21X/DC ... V		C7-T22/DC ... V C7-T22X/DC ... V																															
Free wheeling diode		C7-T21DX/DC ... V C7-T21FX/DC ... V		C7-T22DX/DC ...V C7-T22FX/DC ... V																															
Polarity and free wheeling diode																																			
AC/DC bridge rectifier 24 V, 48 V, 60 V		C7-T21BX/UC ... V		C7-T22BX/UC ... V																															

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

Accessories

Socket: **S7-M, S7-I/O, S7-L, S7-P, S7-P0**



Connection diagram

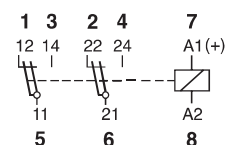


Fig. 1 AC voltage endurance

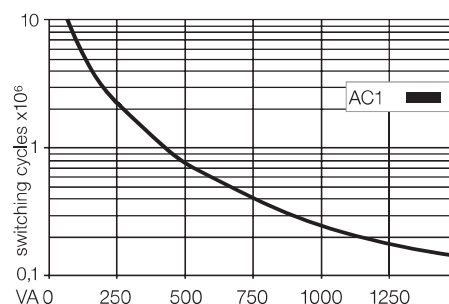
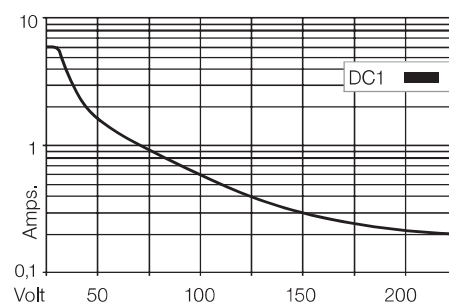
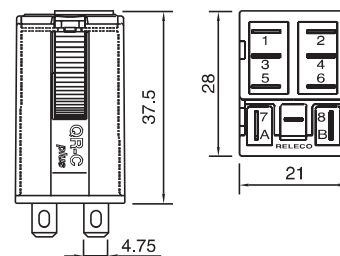


Fig. 2 DC load limit curve



Dimensions [mm]



Technical approvals, conformities



IEC 61810; EN 60947