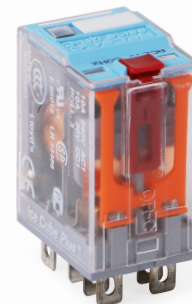


C7-T2x

8-pin, miniature relay, 2-poles, twin contact, faston



Type	C7-T2x/ ... V Standard relays for low level 2 change-over bifurcated contacts			
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Maximum contact load	6 A/250 V	AC-1	6 A/30 V	DC-1
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 + 5 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 × U _N			
Release voltage	≥ 0,1 × U _N			
Nominal power	1,2 VA (AC)/1 W (DC)			

Coil 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

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-T22DX/DC ... V
Polarity and free wheeling diode	C7-T21FX/DC ... V	C7-T22FX/DC ... V
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-C, S7-I/O, S7-L, S7-P, S7-PO

Connection diagram

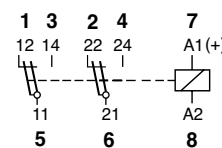


Fig. 1 AC voltage endurance

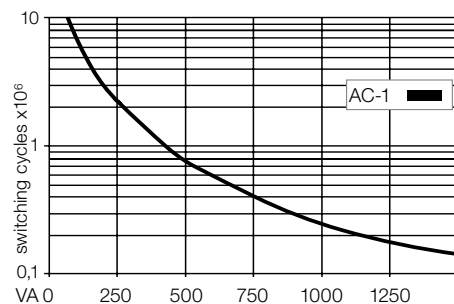
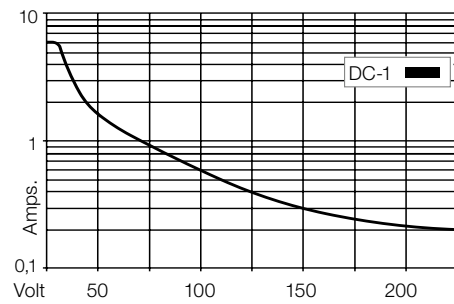
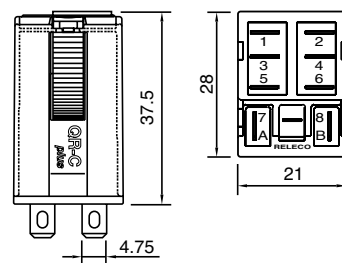


Fig. 2 DC load limit curve



Dimensions [mm]



Technical approvals, conformities



IEC 61810; EN 60947