

C7-T2x

2 pole | changeover twin contact | plug-in

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 Load			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

V AC	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

Specifications

Ambient temperature operation/storage	-40...60 °C / -40 ... 80 °C (no ice)
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	≥ 100 000 switching cycles
Switching frequency at rated load	≤ 1200/h
Weight	43 g

Product References

V AC 50 Hz/60 Hz: 230 (240)

LED

VDC 110

LED

Free wheeling diode (only 24 DC)

Polarity and free wheeling diode

AC/DC bridge rectifier 24 V, 48 V

Other voltages on request

C7-T21/AC ... V
C7-T21X/AC ... V

C7-T22X/AC ... V

C7-T21/DC ... V
C7-T21X/DC ... V
C7-T21DX/DC 24 V
C7-T21FX/DC ... V

C7-T22/DC ... V
C7-T22X/DC ... V
C7-T22X/DC 24 V
C7-T22FX/DC ... V

C7-T21BX/UC ... V

C7-T22BX/UC ... V

"..." List Coil Voltage to complete Product References

Accessories (See also Section Sockets)

Socket:	S7-C, S7-IO, S7-P,
Push only:	S9-OP (BAG 10 PCS)
Blanking Plug:	S9-NP (BAG 10 PCS)



Connection diagram

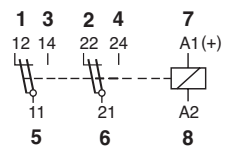


Fig.1 AC voltage endurance

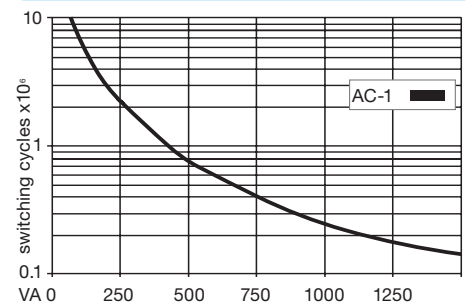
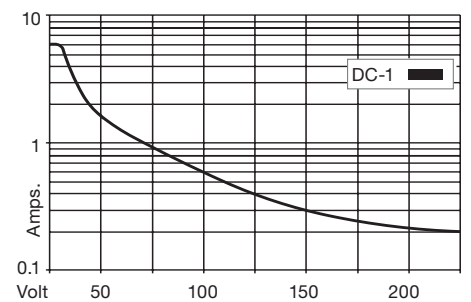
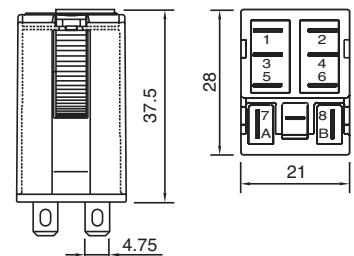


Fig. 2 DC load limit curve



Dimensions



Technical approvals, conformities



IEC/EN 61810; IEC/EN 60947