

Type	C7-H23/ ... V Special relays 1 x CO power contact 1 x CO twin contact
Maximum contact load	10 A 250 V AC1 6 A 250 V AC1 10 A 30 V DC1 6 A 30 V DC1
Recommended minimum contact load	10 mA/10 V (Power contacts) 5 mA/5V (twin contacts)

Contacts

Power contact

Standard material	AgNi
Rated current	10 A
Switch-on current max. (20 ms)	30 A
Switching voltage max.	2,5 kV
AC load (Fig 1)	2,5 VA
DC load	see fig. 2

Twin contact

Standard material	AgNi + 0,2 µ Au
Rated current	6 A
Switch-on current max. (20 ms)	15 A
Switching voltage max.	250 V

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

VAC	Ω ± 10%	mA	VDC	Ω ± 10%	mA
24	174	50	12	148	81
48	686	25	24	594	40
115	4K3	10.4	48	2K3	21
230	18K6	5.2	110	11K4	10

Insulation

Coil resistance	Volt rms, 1 min
Contact open	1000 V
Contact/contact	2,5 kV
Contact/coil	2,5 kV
Insulation, IEC 61810-1:	2,5 kV/3

Specifications

Ambient temperature operation/storage	40 (no ice)...60 °C / -40 ... 80 °C
Mechanical life ops	AC: 10 Mill./DC: 20 Mill.
Protection class	IP40
Weight	43 g

Standard types

VAC 50 Hz/60 Hz: 24, 48, 115 (120), 230 (240)
LED

VDC 12,24, 48, 110

LED

Free wheeling diode

Polarity and free wheeling diode

UC 24 V, 48 V, 60 V

C7-H23/AC ... V
C7-H23X/AC ... V

C7-H23/DC ... V
C7-H23X/DC ... V
C7-H23DX/DC ... V
C7-H23FX/DC ... V

C7-H23BX/UC ... V

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

Accessories

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



Connection diagram

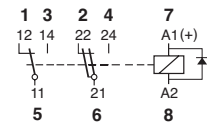


Fig. 1 AC voltage endurance

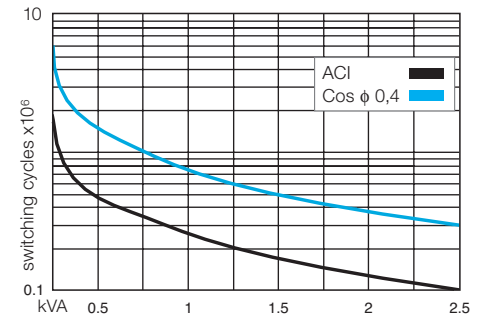
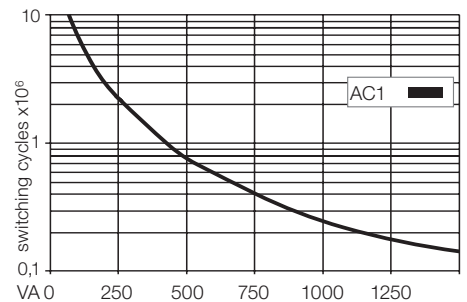
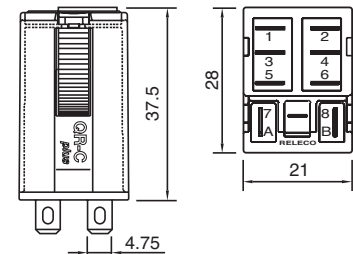


Fig. 2 AC voltage endurance



Dimensions [mm]



Technical approvals, conformities



IEC 61810; EN 60947