

RQ SERIES

RQ2112

2 CHANGE-OVER CONTACT SENSITIVE RELAY, 8 FASTON, DPDT.

TYPE

RQ2112 ... V
Sensitive Miniature Relay (500 mW)
2 CO

MAX. CONTACT LOAD

5 A / 250 V AC1 5 A / 30 V DC1

CONTACT

Material Standard AgNi + 0,2 μ Au
Optional AgNi + 10 μ Au

Rated current / Max. peak current 5 A / 15 A
Rated voltage / Max. switching voltage AC-1 250 V / 250 V
Rated load AC15 (250 V) 350 VA
Min. switching load 10 mA / 10 V
5 mA / 5 V (10 μ Au)

COIL

Operation range $\leq 0,8 \times U_N - 1,7 \times U_N$
Rated power (AC/DC) 0,8 VA / 0,5 W
Release voltage $\geq 0,1 \times U_N$
Coil resistance $\pm 10\%$

Coil data

VAC	Ω	mA	VDC	Ω	mA
24	238	33	12	288	42
48	1K	17	24	1K1	21
115	5K9	7	48	4K6	10
230	23K9	3,5	110	24K2	4,5

INSULATION (Vrms, 1 min)

Contact open 1 KV
Coil /Contacts 2,5 KV
Insulation IEC 61810-1 2,5 KV/3
Between contacts 2,5 KV

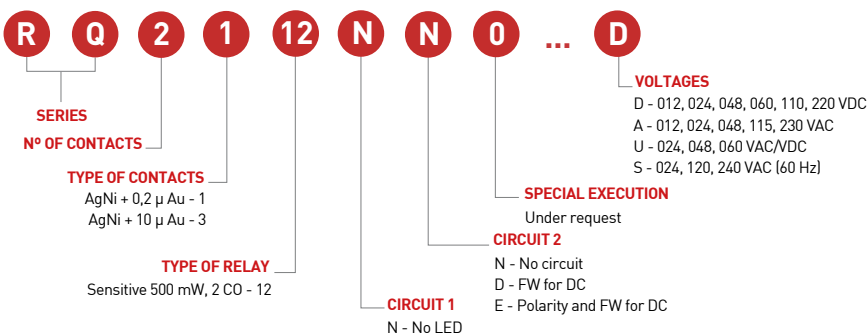
SPECIFICATIONS

Ambient temperature - 40 °C ... + 80 °C
Operation / Release time 10 ms / 6 ms
Protection category IP40
Electrical life DC / Mechanical life 1·10⁵ op / 10·10⁶ op (AC) 20·10⁶ op (DC)
Weight 43 g

ACCESSORIES

Sockets SQB40D, SQW40F, SQP40X, SQP40F

ORDERING CODE



CONNECTION DIAGRAM

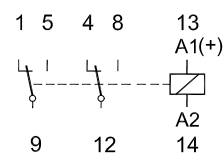


FIG. 1 ELECTRICAL LIFE AC LOAD

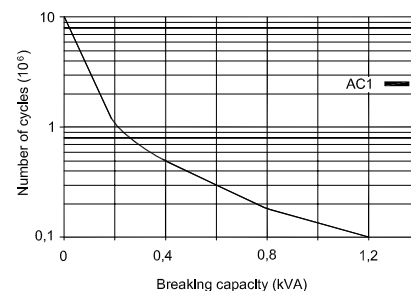
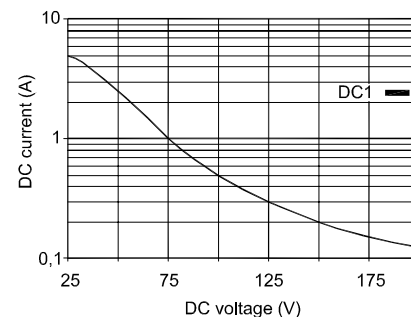
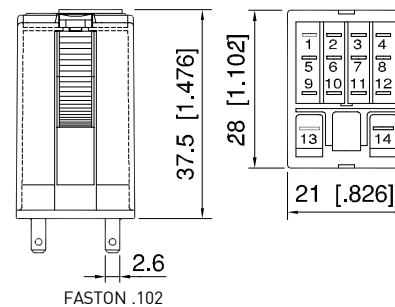


FIG. 2 MAX. DC BREAKING CAPACITY



DIMENSIONS mm [inch]



TECHNICAL APPROVALS



IEC 61810; EN 60947