

RQ SERIES

RQ2117

2 CHANGE-OVER CONTACTS, 8 FASTON, DPDT.

TYPE

RQ2117 ... V
Miniature Relay for low level applications
2 CO

MAX. CONTACT LOAD

6 A / 250 V AC1 6 A / 30 V DC1

CONTACT

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

Rated current / Max. peak current 6 A / 15 A
Rated voltage / Max. switching voltage AC-1 250 V / 400 V
Rated load AC15 (250 V) 350 VA
Min. switching load 5 mA / 5 V
1 mA / 5 V (10 μ Au)

COIL

Operation range $\leq 0,8 \times U_N - 1,1 \times U_N$
Rated power (AC/DC) 1,2 VA / 1 W
Release voltage $\geq 0,1 \times U_N$
Coil resistance $\pm 10\%$

Coil data

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	11

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

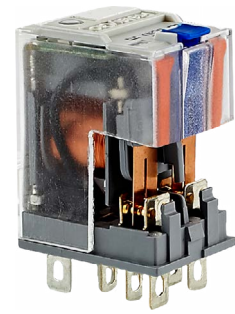
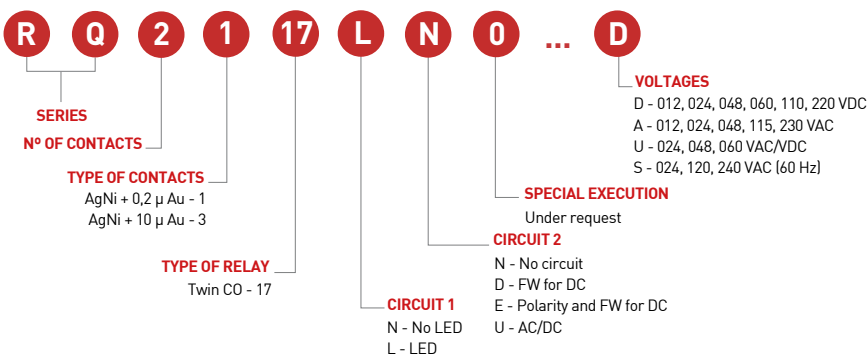
SPECIFICATIONS

Ambient temperature - 40 °C ... + 80 °C
Operation / Release time 16 ms / 8 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 SQB20D, SQW20F, SQP20X, SQP20F

ORDERING CODE



CONNECTION DIAGRAM

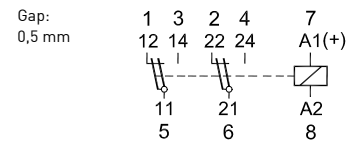


FIG. 1 ELECTRICAL LIFE AC LOAD

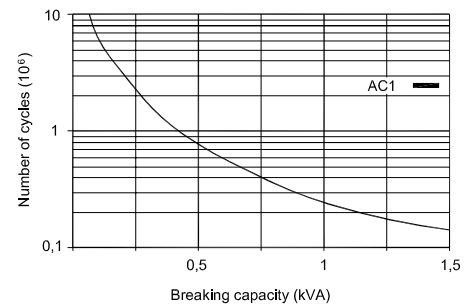
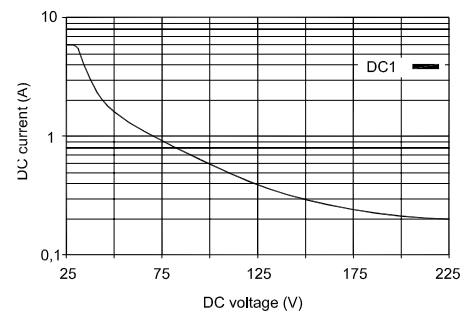
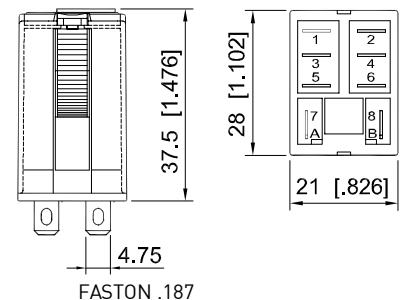


FIG. 2 MAX. DC BREAKING CAPACITY



DIMENSIONS mm [inch]



TECHNICAL APPROVALS



IEC 61810; EN 60947