

RQ SERIES

RQ2119

2 CHANGE-OVER CONTACTS LATCHING RELAY, 9 FASTON DPDT.

TYPE

RQ2119 ... V
Latching Miniature Relay
2 CO

MAX. CONTACT LOAD

5 A / 120 V AC1 5 A / 30 V DC1

CONTACT

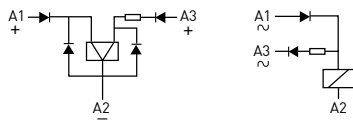
Material Standard AgNi + 0,2 μ Au
Optional AgNi + 10 μ Au

Rated current / Max. peak current 5 A / 15 A
Rated voltage / Max. switching voltage AC-1 120 V / 120 V
Rated load AC15 (250 V)
Min. switching load 10 mA / 10 V

COIL

Coil resistance $\pm 10\%$
ON pulse power (pick-up voltage) 1,2 VA / W
OFF pulse power (release voltage) 0,3 VA / W

Internal Diagram:



Coil Data:

VAC	mA ON	mA OFF	VDC	mA ON	mA OFF
24	50	8	12	100	25
48	25	4	24	50	12
115	10	2	48	25	6
230	5	1	110	20	5

INSULATION (Vrms, 1 min)

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

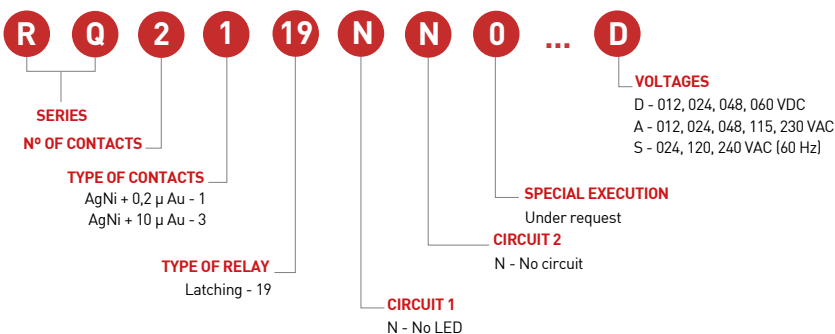
SPECIFICATIONS

Ambient temperature - 40 °C ... + 80 °C
Operation / Release time, min. pulse 50 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

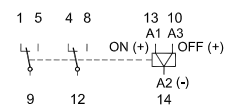


FIG. 1 ELECTRICAL LIFE AC LOAD

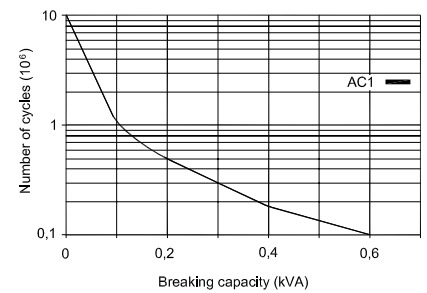
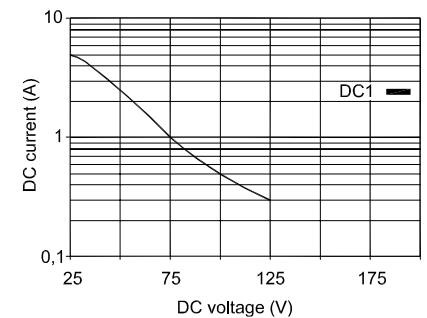
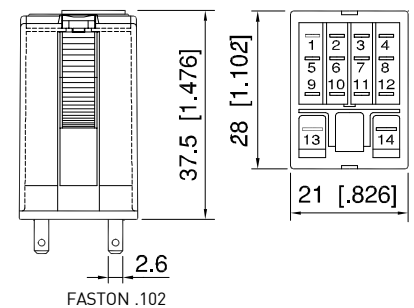


FIG. 2 MAX. DC BREAKING CAPACITY



DIMENSIONS mm [inch]



TECHNICAL APPROVALS



IEC 61810; EN 60947