

RQ SERIES

RQ1018

1 OPEN CONTACT, TUNGSTEN, 4 FASTON, SPST.

TYPE

RQ1018 ... V
Miniature Relay
1 NO

MAX. CONTACT LOAD

10 A / 250 V AC1 6 A / 250 V AC5 a/b
10 A / 30 V DC1

CONTACT

Material Standard AgNi + Wolfram

Rated current / Max. peak current 10 A / 500 A (2,5 ms)
Rated voltage / Max. switching voltage AC-1 250 V / 400V
Rated load AC15 (250 V) 750 VA
Min. switching load 10 V / 10 mA

COIL

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

Coil data

VAC	Ω	mA	VDC	Ω	mA
24	153	62	12	99	121
48	611	31	24	388	61
115	3K6	13	48	1K5	32
230	14K5	6,5	110	8K	14

INSULATION (Vrms, 1 min)

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

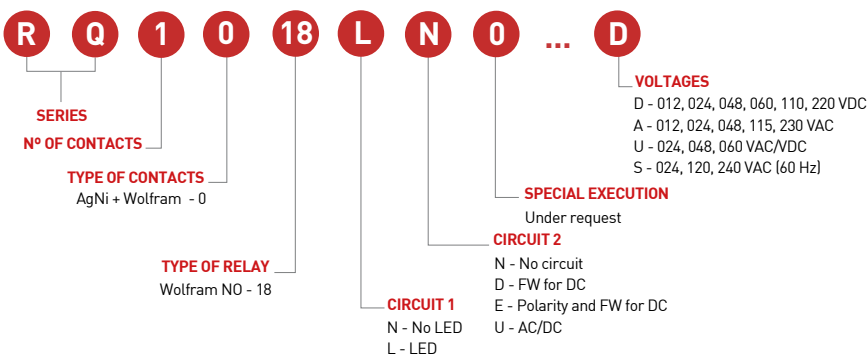
SPECIFICATIONS

Ambient temperature - 40 °C ... + 80 °C20
Operation / Release time 20 ms / 10 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, SQW20X, SQP20X, SQP20F, SQB20I

ORDERING CODE



CONNECTION DIAGRAM

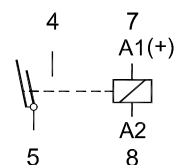


FIG. 1 ELECTRICAL LIFE AC LOAD

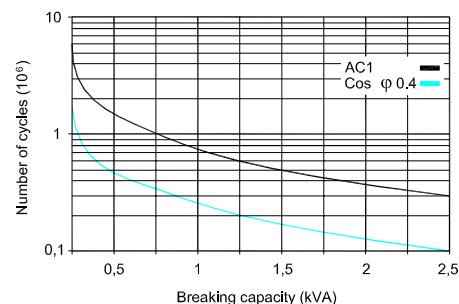
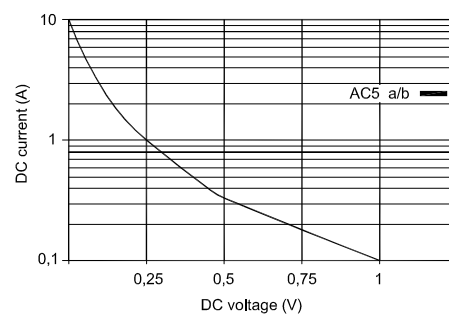
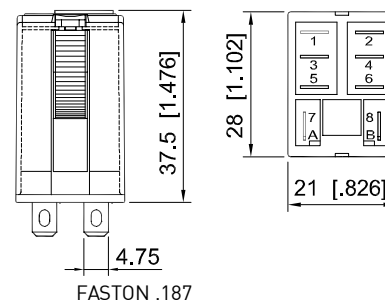


FIG. 2 MAX. DC BREAKING CAPACITY



DIMENSIONS mm [inch]



TECHNICAL APPROVALS



IEC 61810; EN 60947