

# RQ SERIES

## RQ2014

2 OPEN CONTACTS, 6 FASTON, DPST.

### TYPE

RQ2014 ... V  
Miniature Relay  
2 NO

### MAX. CONTACT LOAD

10 A / 250 V AC1 0,8 A / 110 V DC1  
10 A / 30 V DC1 0,4 A / 220 V DC1

### CONTACT

Material Standard AgNi

Rated current / Max. peak current 10 A / 30 A  
Rated voltage / Max. switching voltage AC-1 250 V / 400 V  
Rated load AC15 (250 V) 750 VA  
Min. switching load 10 mA / 10 V

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

### INSULATION (Vrms, 1 min)

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

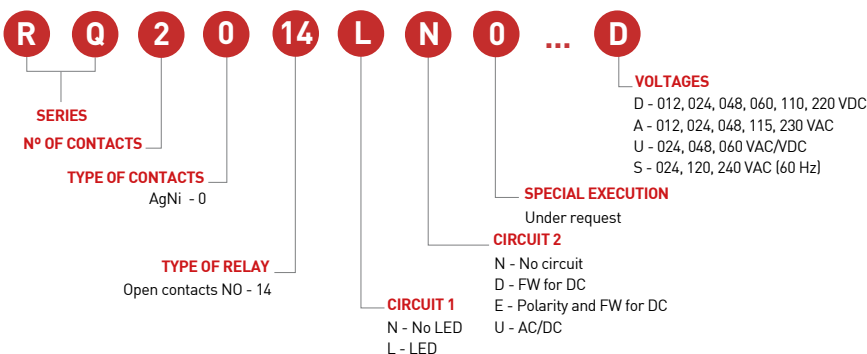
### SPECIFICATIONS

Ambient temperature - 40 °C ... + 80 °C  
Operation / Release time 20 ms / 10 ms  
Protection category IP40  
Electrical life DC / Mechanical life  $1 \cdot 10^5$  op /  $10 \cdot 10^6$  op (AC)  $20 \cdot 10^6$  op (DC)  
Weight 43 g

### ACCESSORIES

Sockets SQB20D, SQW20X, SQP20X, SQP20F, SQB20I

### ORDERING CODE



### CONNECTION DIAGRAM

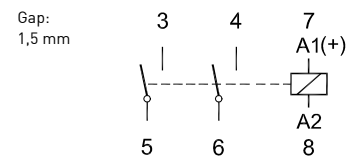


FIG. 1 ELECTRICAL LIFE AC LOAD

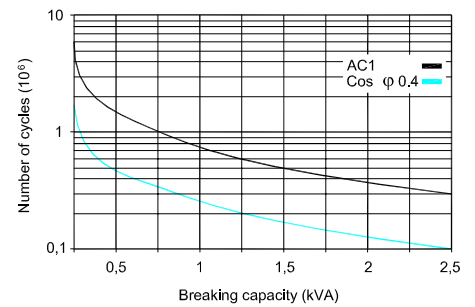
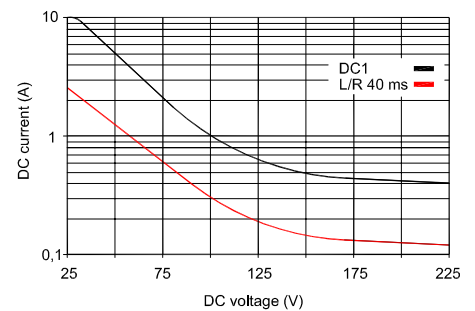
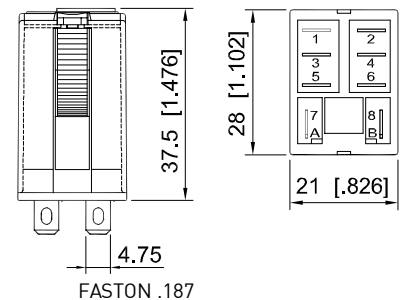


FIG. 2 MAX. DC BREAKING CAPACITY



### DIMENSIONS mm [inch]



### TECHNICAL APPROVALS



IEC 61810; EN 60947