

# RP SERIES

## RP2014

2 OPEN CONTACTS, 6 PINS, DPST.



### TYPE

RP2014 ... V  
Power Relay for DC applications  
2 NO

### MAX. CONTACT LOAD

16 A / 400 V AC1 1,2 A / 110 V DC1  
16 A / 30 V DC1 0,4 A / 220 V DC1

### CONTACT

Material Standard AgNi

Rated current / Max. peak current 16 A / 40 A  
Rated voltage / Max. switching voltage AC-1 400 V / 400 V  
Rated load AC15 (250 V) 1 kVA  
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) 2,4 VA / 1,6 W  
Release voltage  $\geq 0,1 \times U_N$   
Coil resistance  $\pm 10\%$

### Coil data

VAC	$\Omega$	mA	VDC	$\Omega$	mA
24	65	100	12	90	133
48	286	50	24	373	66
115	1K7	21	48	1K4	33
230	6K8	10	110	7K5	15
400	18K8	6	220	30K3	7,5

### INSULATION (Vrms, 1 min)

Contact open 2 KV  
Coil / Contacts 4 KV  
Insulation IEC 61810-1 4 KV / 3  
Between contacts 4 KV

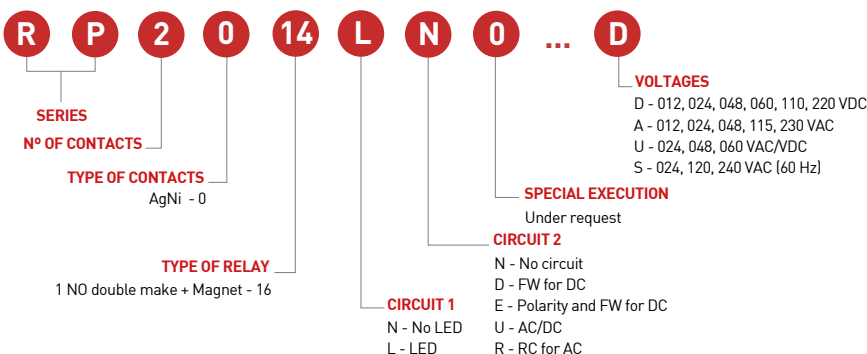
### SPECIFICATIONS

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 90 g

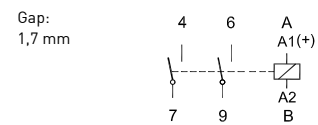
### ACCESSORIES

Sockets SPT30D, SPW30F, SPP30X, SPP30F

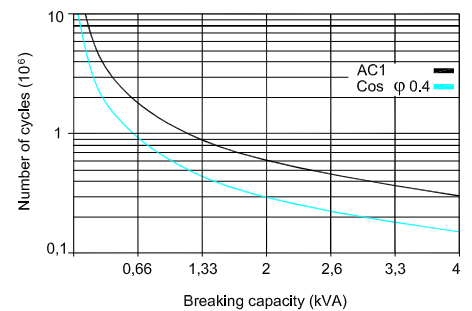
### ORDERING CODE



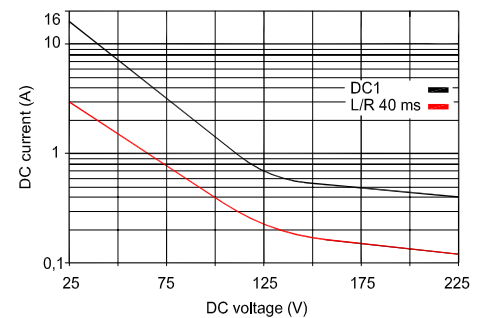
### CONNECTION DIAGRAM



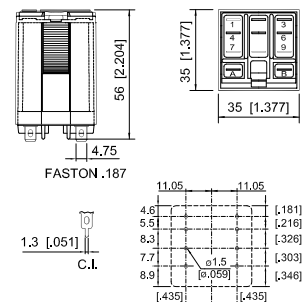
### FIG. 1 ELECTRICAL LIFE AC LOAD



### FIG. 2 MAX. DC BREAKING CAPACITY



### DIMENSIONS mm [inch]



### TECHNICAL APPROVALS



In process In process In process In process  
IEC 61810; EN 60947