

# RM SERIES

## RM1111

1 CHANGE-OVER CONTACT SENSITIVE RELAY, 11 PINS, SPDT.

### TYPE

RM1111 ... V  
Sensitive Industrial Relay (250 mW)  
1 CO

### MAX. CONTACT LOAD

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

### CONTACT

Material Standard AgNi + 0,2  $\mu$  Au  
Optional AgNi + 10  $\mu$  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 10 V / 10 mA  
5 V / 5 mA (10  $\mu$  Au)

### COIL

Operation range  $\leq 0,8 \times U_N - 1,1 \times U_N$   
Rated power (DC) 250 mW  
Release voltage  $\geq 0,1 \times U_N$   
Coil resistance  $\pm 10\%$

### Coil data

VDC	$\Omega$	mA
6	140	43
12	536	22
24	2164	11
48	8651	5,5

### INSULATION (Vrms, 1 min)

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

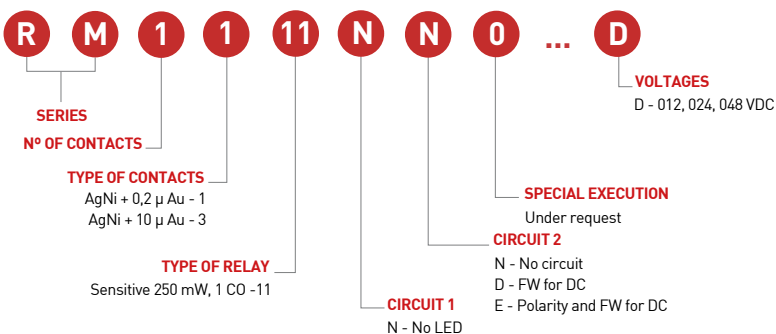
### SPECIFICATIONS

Ambient temperature - 40  $^{\circ}$ C ... + 80  $^{\circ}$ C  
Operation / Release time 18 ms / 10 ms  
Protection category IP40  
Electrical life DC / Mechanical life 1-10<sup>5</sup> op / 10-10<sup>6</sup> op (AC) 20-10<sup>6</sup> op (DC)  
Weight 73 g

### ACCESSORIES

Sockets SMB30D, SMB30P, SMB30S, SMW30F, SMP30F, SMT30D

### ORDERING CODE



### CONNECTION DIAGRAM

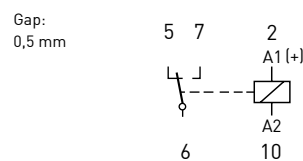


FIG. 1 ELECTRICAL LIFE AC LOAD

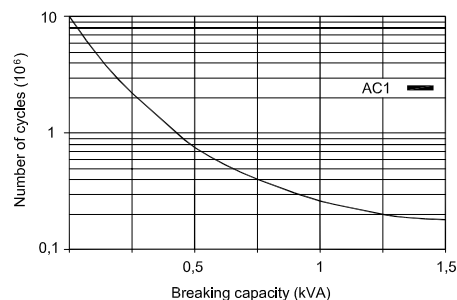
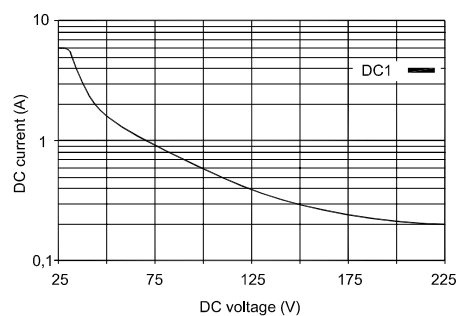
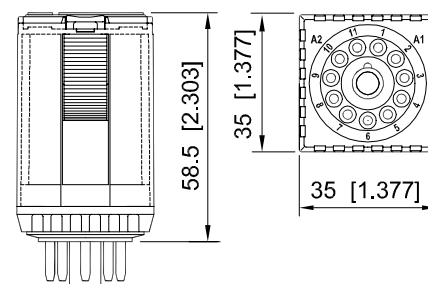


FIG. 2 MAX. DC BREAKING CAPACITY



### DIMENSIONS mm [inch]



### TECHNICAL APPROVALS



IEC 61810; EN 60947