

RM SERIES

RM2112

2 CHANGE-OVER CONTACT SENSITIVE RELAY, 11 PINS, DPDT.

TYPE

RM2112 ... V
Sensitive Industrial Relay 500 mW
2 CO

MAX. CONTACT LOAD

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

CONTACT

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

COIL

Operation range	$\leq 0,8 \times U_N - 1,7 \times U_N$
Rated power (DC)	500 mW
Release voltage	$\geq 0,1 \times U_N$
Coil resistance	$\pm 10\%$

Coil data

VDC	Ω	mA
24	1K1	21
48	4K6	10
60	7K2	8,3
110	24K2	4,5

INSULATION (Vrms, 1 min)

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

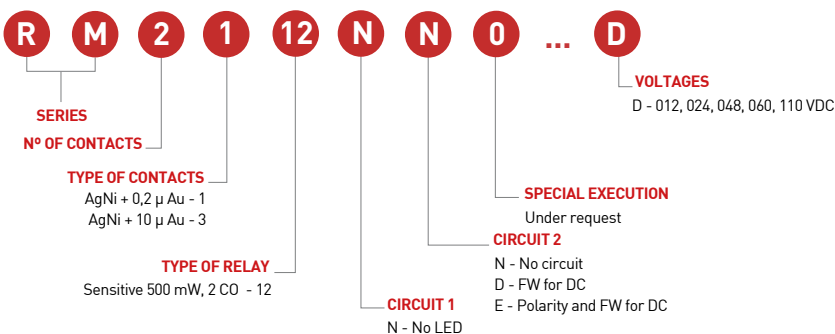
SPECIFICATIONS

Ambient temperature	- 40 °C ... + 80 °C
Operation / Release time	18 ms / 10 ms
Protection category	IP40
Electrical life DC / Mechanical life	1·10 ⁵ op / 10·10 ⁶ op (AC) 20·10 ⁶ op (DC)
Weight	90 g

ACCESSORIES

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



CONNECTION DIAGRAM

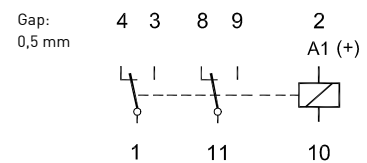


FIG. 1 ELECTRICAL LIFE AC LOAD

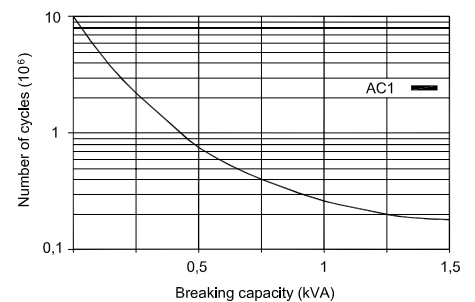
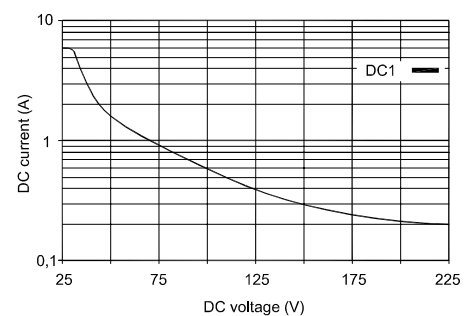
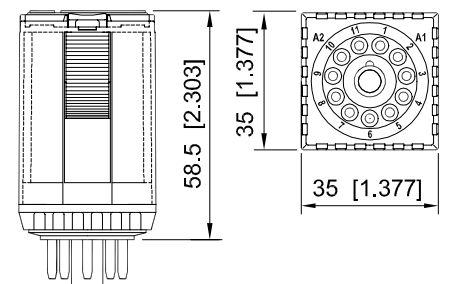


FIG. 2 MAX. DC BREAKING CAPACITY



DIMENSIONS mm [inch]



TECHNICAL APPROVALS



IEC 61810; EN 60947