

RM SERIES

RM2019

2 CHANGE-OVER CONTACTS LATCHING RELAY, 11 PINS, DPDT.

TYPE

RM2019 ... V
Latching plug-in Industrial Relay
2 CO

MAX. CONTACT LOAD

10 A / 250V AC1 0,5 A / 110 V DC1
10 A / 30V DC1 0,2 A / 220 V DC1

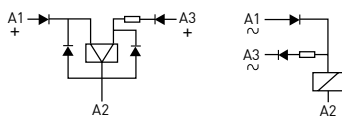
CONTACT

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

COIL

Coil resistance ±10%
ON pulse power (pick-up voltage) 1,5 VA / W
OFF pulse power (release voltage) 0,5 VA / W
1 Winding for AC, 2 Windings for DC
Coil Data:

Internal Diagram:



VAC	mA ON	mA OFF	VDC	mA ON	mA OFF
24	75	12	12	125	41
48	38	6	24	63	21
115	16	1,5	48	31	10
230	8	1,3	110	14	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, min. pulse 50 ms / 50 ms
Protection category IP40
Electrical life DC / Mechanical life 1·10⁵ op / 10·10⁶ op (AC) 20·10⁶ op (DC)
Weight 95 g

ACCESSORIES

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

ORDERING CODE

R M 2 0 19 N N 0 ... D

SERIES
N° OF CONTACTS

TYPE OF CONTACTS
AgNi - 0
AgNi + 0,2 μ Au - 1
AgNi + 10 μ Au - 3

TYPE OF RELAY
Latching - 19

CIRCUIT 1
N - No LED

SPECIAL EXECUTION
Under request
CIRCUIT 2
N - No circuit

VOLTAGES

D - 012, 024, 048, 060, 110 VDC
A - 012, 024, 048, 115, 230 VAC
S - 024, 120, 240 VAC (60 Hz)



CONNECTION DIAGRAM

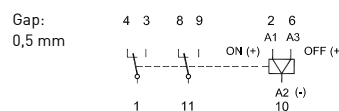


FIG. 1 ELECTRICAL LIFE AC LOAD

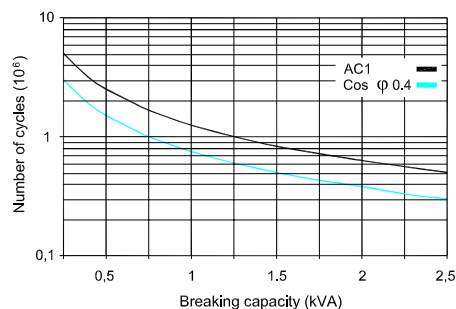
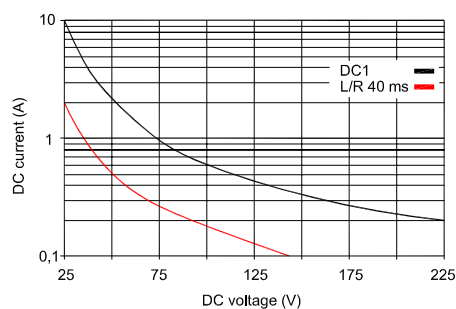
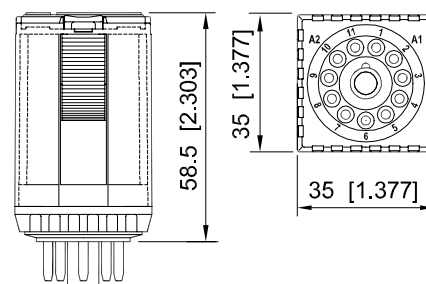


FIG. 2 MAX. DC BREAKING CAPACITY



DIMENSIONS mm [inch]



TECHNICAL APPROVALS



IEC 61810; EN 60947