

RM SERIES

RM3014

3 OPEN CONTACTS, 11 PINS, TPST.

TYPE

RM3014 ... V
Industrial Relay for DC applications
3 NO

MAX. CONTACT LOAD

10 A / 250 V AC1 1,2 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 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	Ω	mA	VDC	Ω	mA
24	65	100	24	360	66
48	286	50	48	1K4	34
115	1K7	21	110	7K6	15
230	6K8	10	220	30K3	7,5

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 / 8 ms
Protection category IP40
Electrical life DC / Mechanical life 1·10⁵ op / 10·10⁶ op (AC) 20·10⁶ op (DC)
Weight 90 g

ACCESSORIES

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

ORDERING CODE

R M 3 0 14 L 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
Open contacts NO - 14

CIRCUIT 1
N - No LED
L - LED

SPECIAL EXECUTION
Under request
CIRCUIT 2
N - No circuit
D - FW for DC
E - Polarity and FW for DC
U - AC/DC
R - RC for AC

VOLTAGES

D - 012, 024, 048, 060, 110, 220 VDC
A - 012, 024, 048, 115, 230 VAC
U - 024, 048, 060 VAC/VDC
S - 024, 120, 240 VAC (60 Hz)

 RelayGo



CONNECTION DIAGRAM

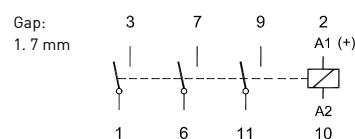


FIG. 1 ELECTRICAL LIFE AC LOAD

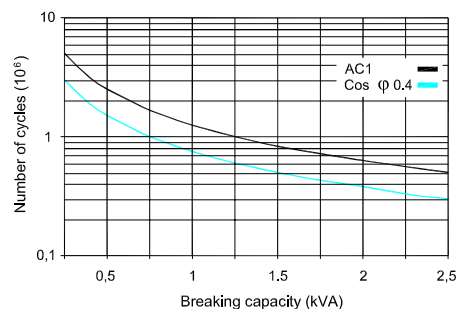
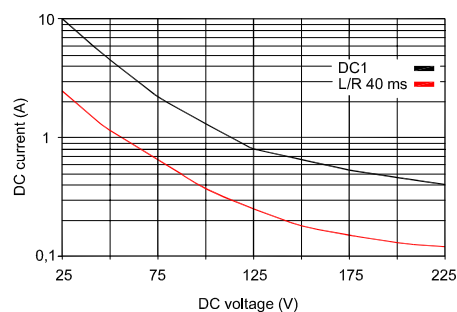
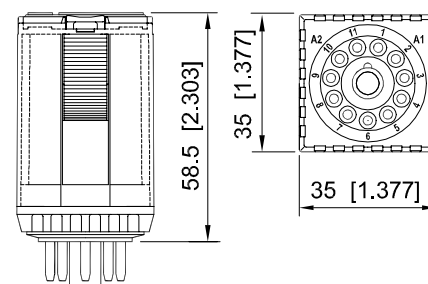


FIG. 2 MAX. DC BREAKING CAPACITY



DIMENSIONS mm [inch]



TECHNICAL APPROVALS



In process In process In process
IEC 61810; EN 60947