

RM SERIES - GENERAL PURPOSE , 5A CONTACT RATING, 2 FORM C CONTACTS

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Features

- Compact miniature size saves space
- High reliability and long service life
- Choice of plug-in/solder or PCB type terminals
- Options include models with indicator light, check button and top mount bracket
- DIN rail, surface, panel and PCB type sockets available for a wide range of mounting applications
- UL Recognized, CSA Certified, TUV approved, CE marked



Contact Ratings and Specifications

- Contact Material:** Silver (Ag)
- Contact Resistance:** 30 mΩ maximum (initial value)
- Minimum Applicable Load:** 24V DC/10mA, 5V DC/20mA (ref. value)
- Operating Time:** 20ms maximum
- Release Time:** 20ms maximum
- Power Consumption (approx.):**
AC: 1.2VA (60Hz); DC: 0.9W
- Insulation Resistance:** 100 MΩ minimum (with 500V DC megger)
- Dielectric Strength:**
Between live and non-live parts - 2000V AC, 1 minute
Between contact circuit and operating coil - 2000V AC, 1 minute
Between contact circuits - 2000V AC, 1 minute
(1000V between NO-NC contacts)
- Frequency Response:** 1800 operations/hour
- Temperature Rise: Coil:** 85°C maximum, contact - 65°C maximum
- Vibration Resistance:** 0 to 6G (55Hz) maximum
- Shock Resistance:** 200N (20G approx.)
- Electrical Life:** 500,000 operations minimum(240V AC, 5A)
- Mechanical Life:** 50,000,000 operations minimum
- Operating Temperature:** -30° to +70°C
- Weight (approx.):** 35g

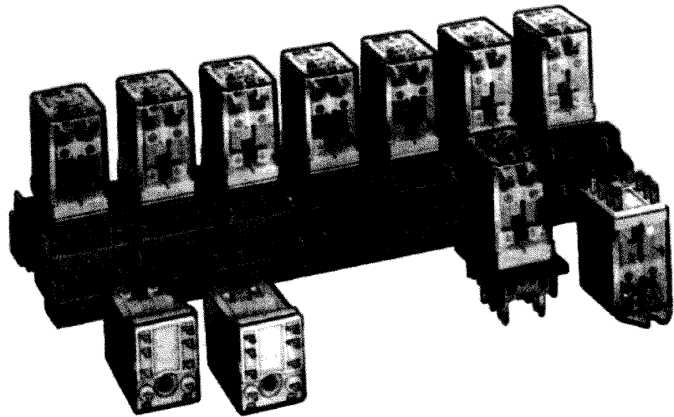
RM Series

Style	Contact Config.	Basic	Indicator Light	Check Button	Top Bracket
S: Solder/Plug-in	DPDT	RM2S-U	RM2S-UL	RM2S-UC	RM2S-UT
V: PCB. 0.031" (0.8mm) wide		RM2V-U	RM2V-UL	RM2V-UC	-

NOTE: Add coil voltage to part number.

Coil Ratings

Rated Voltage (V)		Rated Current ±15% @ 20°C		Coil Resistance ±10% @ 20°C
		60Hz	50Hz	
AC	6	200 mA	240 mA	9.4Ω
	12	100 mA	121 mA	39.3Ω
	24	50 mA	60.5 mA	153Ω
	110-120	11 mA	13.1 mA	4170Ω
	240	5.5 mA	6.6 mA	15210Ω
DC	6	150 mA		40Ω
	12	75 mA		160Ω
	24	36.9 mA		650Ω
	48	18.5 mA		2600Ω
	100-110	9.1 mA		12100Ω



Sockets

Type	Sockets				Spring (Optional)
	Din Rail Mount		Panel Mount	PC Mount	
	Standard	Fingersafe			
RM2S	SY4S-05	SY4S-05C	SY4S-51	SY4S-61 SY4S-62	SY4S-51F1 SFA-101 SFA-202 SFA-302 SFA-301

Internal Circuit

