

Mercury Tubular Type Reed RELAY

SANYU Part / No.	MRM-141 **GT*	MRM-241 **GT*	MRT-C126 **GT*	MRT-C226 **GT*	
TPM Part / No.					
外觀形狀 Appearance					
尺寸 Size (LxWxH)mm	25x8.8x8.0	25x12x8.0	28x8.3x8.3	28x12x8.3	
回路接續圖 Figure. (TOP VIEW)					
電氣規格	接點構成 Contact Form	1A	2A	1C	2C
	線圈電壓 / 阻抗 Coil Rating Voltage & Resistance	5V / 100Ω 12V / 400Ω 24V / 1600Ω	5V / 80Ω 12V / 300Ω 24V / 1200Ω	5V / 70Ω 12V / 400Ω 24V / 1600Ω	5V / 70Ω 12V / 400Ω 24V / 1600Ω
	接點容量 Contact Rating (max)	50W	50W	50W	50W
	切換電流 Contact Current (max)	2.0A	2.0A	1.0A	1.0A
	通電電流 Carry Current (max)	2.0A	2.0A	2.0A	2.0A
	切換電壓 Switching Voltage (max)	1000VDC @ 1mA	1000VDC @ 1mA	350VDC	350VDC
	接點間耐電壓 Contact Voltage (min)	1500VDC	1500VDC	1500VDC	1500VDC
	接點阻抗 Contact Resistance (max)	100mΩ	100mΩ	80mΩ	80mΩ
	絕緣阻抗(各導體相互間) Insulation Resistance (min)	GT = 10 ¹¹ Ω GTM = 10 ¹² Ω GTN = 10 ¹³ Ω GTO = 10 ¹⁴ Ω	GT = 10 ¹¹ Ω GTM = 10 ¹² Ω GTN = 10 ¹³ Ω GTO = 10 ¹⁴ Ω	GT = 10 ¹¹ Ω GTM = 10 ¹² Ω GTN = 10 ¹³ Ω GTO = 10 ¹⁴ Ω	GT = 10 ¹¹ Ω GTM = 10 ¹² Ω GTN = 10 ¹³ Ω GTO = 10 ¹⁴ Ω
	絕緣耐電壓 (各導體相互間) Dielectric Voltage (min)	1500VDC	1500VDC	1500VDC	1500VDC
	動作時間 Operate Time (max)	3.0 mS	3.0 mS	2.5 mS	2.5 mS
	回復時間 Release Time (max)	3.0 mS	3.0 mS	2.5 mS	2.5 mS
壽命	機械壽命 Mechanical Life	1×10 ⁹	1×10 ⁹	1×10 ⁹	1×10 ⁹
	電氣壽命(代表例) Electrical Life				
Package Page 34~44	10-3	10-4	10-5	10-6	

Mercury Tubular Type Reed RELAY

SANYU Part / No.	USM-C149* *GS*	USM-C249* *GS*	UXT-C126* *	UXT-C226* *	
TPM Part / No.					
外觀形狀 Appearance					
尺寸 Size (LxWxH)mm	35x12x12	35x12x12	22x8.0x8.0	22x12x8.0	
回路接續圖 Figure. (TOP VIEW)					
電氣規格	接點構成 Contact Form	1A	2A	1C	2C
	線圈電壓 / 阻抗 Coil Rating Voltage & Resistance	5V / 70Ω 12V / 400Ω 24V / 1600Ω	5V / 55Ω 12V / 300Ω 24V / 1200Ω	5V / 100Ω 12V / 600Ω 24V / 2400Ω	5V / 80Ω 12V / 300Ω 24V / 1200Ω
	接點容量 Contact Rating (max)	100W	100W	50W	50W
	切換電流 Contact Current (max)	2.0A	2.0A	1.0A	1.0A
	通電電流 Carry Current (max)	10A @10mS ON ,40mS OFF	10A @10mS ON ,40mS OFF	2.0A	2.0A
	切換電壓 Switching Voltage (max)	500VDC	500VDC	350VDC	350VDC
	接點間耐電壓 Contact Voltage (min)	3000VDC	3000VDC	1000VDC	1000VDC
	接點阻抗 Contact Resistance (max)	50mΩ	50mΩ	100mΩ	100mΩ
	絕緣阻抗(各導體相互間) Insulation Resistance (min)	GS = 10 ¹¹ Ω GSM = 10 ¹² Ω GSN = 10 ¹³ Ω	GS = 10 ¹¹ Ω GSM = 10 ¹² Ω GSN = 10 ¹³ Ω	10 ¹⁰ Ω	10 ¹⁰ Ω
	絕緣耐電壓 (各導體相互間) Dielectric Voltage (min)	3000VDC	3000VDC	1000VDC	1000VDC
	動作時間 Operate Time (max)	2.0 mS	2.0 mS	3.0 mS	3.0 mS
	回復時間 Release Time (max)	2.0 mS	2.0 mS	3.0 mS	3.0 mS
壽命	機械壽命 Mechanical Life	1×10 ¹⁰	1×10 ¹⁰	1×10 ⁹	1×10 ⁹
	電氣壽命(代表例) Electrical Life				
Package Page 34~44	10-7	10-8	11-1	11-2	

Mercury Tubular Type Reed RELAY

SANYU Part / No.	MRM-141** (G)	MRM-241** (G)	MRM-341** (G)	MRM-441** (G)	
TPM Part / No.					
外觀形狀 Appearance					
尺寸 Size (LxWxH)mm	22x8.0x8.0	22x12x8.5	22x15x9.0	22x18.5x9.0	
回路接續圖 Figure. (TOP VIEW)					
電氣規格	接點構成 Contact Form	1 A	2 A	3 A	4 A
	線圈電壓 / 阻抗 Coil Rating Voltage & Resistance	5V / 150Ω 12V / 800Ω 24V / 2000Ω	5V / 130Ω 12V / 600Ω 24V / 2000Ω	5V / 80Ω 12V / 400Ω 24V / 1600Ω	5V / 60Ω 12V / 300Ω 24V / 1200Ω
	接點容量 Contact Rating (max)	50W	50W	50W	50W
	切換電流 Contact Current (max)	2.0A	2.0A	2.0A	2.0A
	通電電流 Carry Current (max)	2.0A	2.0A	2.0A	2.0A
	切換電壓 Switching Voltage (max)	1000VDC @ 1mA	1000VDC @ 1mA	1000VDC @ 1mA	1000VDC @ 1mA
	接點間耐電壓 Contact Voltage (min)	1000VDC	1000VDC	1000VDC	1000VDC
	接點阻抗 Contact Resistance (max)	80mΩ	80mΩ	80mΩ	80mΩ
	絕緣阻抗(各導體相互間) Insulation Resistance (min)	10 ¹⁰ Ω	10 ¹⁰ Ω	10 ¹⁰ Ω	10 ¹⁰ Ω
	絕緣耐電壓 (各導體相互間) Dielectric Voltage (min)	1000VDC	1000VDC	1000VDC	1000VDC
	動作時間 Operate Time (max)	3.0 mS	3.0 mS	3.0 mS	3.0 mS
回復時間 Release Time (max)	3.0 mS	3.0 mS	3.0 mS	3.0 mS	
壽命	機械壽命 Mechanical Life	1×10 ⁹	1×10 ⁹	1×10 ⁹	1×10 ⁹
	電氣壽命(代表例) Electrical Life				
Package Page 34~44	11-3	11-4	11-5	11-6	