

Part Number / Feature 品名 / 特長

● MR-1000 S 10A - * * *

- Insulation resistance power specification 絕緣阻抗係數
 - 10: Insulation resistance > 10¹⁰ Ω (-10: 絕緣阻抗 > 10¹⁰ Ω)
 - 11: Insulation resistance > 10¹¹ Ω (-11: 絕緣阻抗 > 10¹¹ Ω)
 - 12: Insulation resistance > 10¹² Ω (-12: 絕緣阻抗 > 10¹² Ω)
- Except coil to shield. 線圈 -- 接地除外
- Carry current: 10A 最大通電電流 10A
- Electrostatic-shield 靜電遮蔽接地
- Coil voltage 線圈電壓



- It's large carry current of 10A and high voltage type. The life is very long that with 10 billion operations or more (mechanical).
- 此為通電電流10A的大電流類型屬於高耐壓。壽命達100億回以上(機械式)屬於超高壽命。

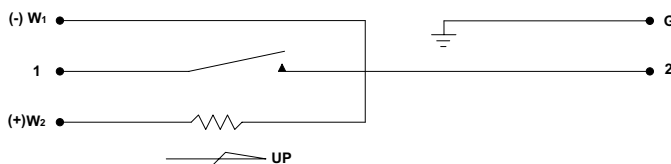
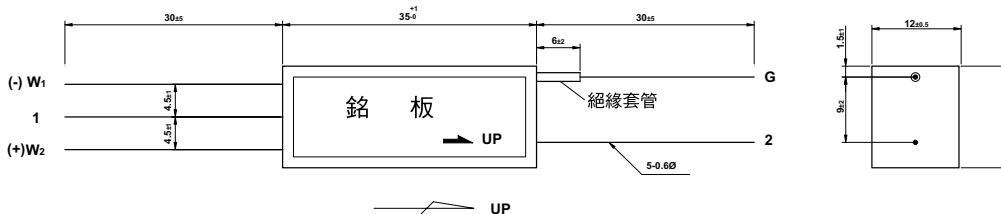
Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	1a (make mercury)
	Contact Rating 接點額定	100 W
	Max. Switching Voltage 最大切換電壓	DC. 500V
	Max. Switching Current 最大切換電流	2 A
	Max. Carry Current 最大通電電流	10 A
	Contact Resistance 接點接觸阻抗	50m Ω MAX.
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between contacts DC.3500V Contacts to shield DC.3500V Contacts to coil DC.3500V Coil to shield DC.3500V
	Insulation Resistance 絕緣阻抗	Between all isolated pins 1X10 ⁹ Ω MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 2.0pF MAX. (Shield guarding)
	Thermal Electromotive Force 熱起電力	60μV TYP.
	Operate Time 動作時間	(1 Pulse) 3.0mS MAX. (at Nominal Voltage)
	Release Time 釋放時間	(1 Pulse) 3.0mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	Vibration 耐振動	20G (0~55Hz, 1.5mm)
	Shock 耐衝擊	30G (11mS, 1/2 Sin Wave)
Environmental 環境	Operating Temperature 使用周圍溫度	-10°C ~ +60°C
Life Expectancy 壽命	Mechanical 機械的	1X10 ¹⁰ MIN. Operations
	Electrical 電氣的	DC.24V-10mA 5X10 ⁹ MIN. Operations (R.L.) DC.50V-2A 1X10 ⁸ MIN. Operations (R.L.)

Coil Specifications 線圈規格

Part Number 品名	Nominal Voltage DC ± 10% [V] 額定電壓	Coil Resistance ± 10% [Ω] at 20°C 線圈阻抗	Nominal Current [mA] 額定電流	Must-Operate Voltage MAX. [V] at 20°C 啟動電壓
MR-1024S10A	24	1200	20.0	16.8
MR-1012S10A	12	400	30.0	8.4
MR-1005S10A	5	120	50.0	3.5

Dimensions / Terminal Identification (Unit:mm) 外型尺寸圖 / 結線圖 (單位:毫米)



Weight: about 15gr

備註：安裝時，UP 表示方向，
並請於垂直 ±30° 範圍內裝置。