

High Insulation Axial-Lead (Breakdown Voltage 2000VDC) 高絕緣兩端引線(耐壓 2000VDC)類型

OKITA

1~4a · Mercury Relay 1~4a · 水銀繼電器

Part Number / Feature 品名 / 特長

● MRR - * 02S - A

Coil- voltage 線圈電壓

Contact form 接點型式

- High breakdown voltage DC2000V, switching voltage DC2000V.
- It can be use change of a circuit at DC2000V.
- 耐壓、絕緣耐壓 DC2000V, 可切換 DC2000V



Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點規格	1a, 2a, 3a, 4a (make mercury)
	Contact Rating 接點定格	50 W
	Switching Voltage 最大開關電壓	DC.2000V (When switching DC2000V, current is 1.0mA max.)
	Switching Current 最大開關電流	2.0A
	Carry Current 最大通電電流	2.0A
	Contact Resistance 接觸電阻	100m Ω MAX.
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between contacts DC. 2000V MIN Contacts to coil DC. 2000V MIN Contacts to shield DC. 2000V MIN
	Insulation Resistance 絕緣阻抗	Between all isolated pins 1×10^{10} Ω MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 0.5 pF MAX (Shield Guarding)
	Thermal Electromotive Force 熱起電力	60 μ V Typ.
	Operate Time 動作時間	3.0mS MAX. (at Nominal Voltage)
	Release Time 釋放時間	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
	Storage Temperature 保存周圍溫度	-30°C~+80°C
Life Expectancy 壽命	Mechanical 機械的	1×10^9 MIN. Operations (R.L.)
	Electrical 電氣的	DC 5V-4 mA 1×10^9 MIN. Operations (R.L.)

* When two mercury switches are connected in parallel, Continuous carry current is 3.0A max. (MRR-202S-A)

* When three mercury switches are connected in parallel, Continuous carry current is 4.5A max. (MRR-302S-A)

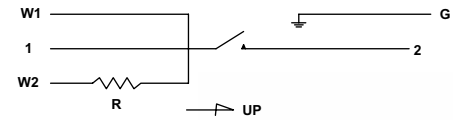
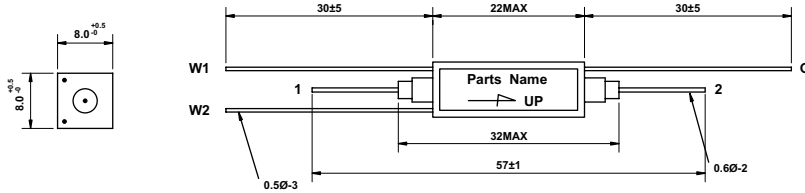
* When four mercury switches are connected in parallel, Continuous carry current is 6.0A max. (MRR-402S-A)

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] at 20°C 額定電流	Must-Operate Voltage MAX. [V] at 20°C 啟動電壓
MRR-102S-A	12	400	30.0	8.4
MRR-202S-A	12	400	30.0	8.4
MRR-302S-A	12	200	60.0	8.4
MRR-402S-A	12	200	60.0	8.4

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

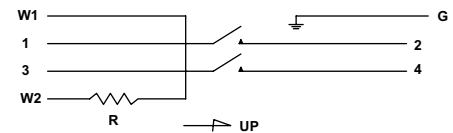
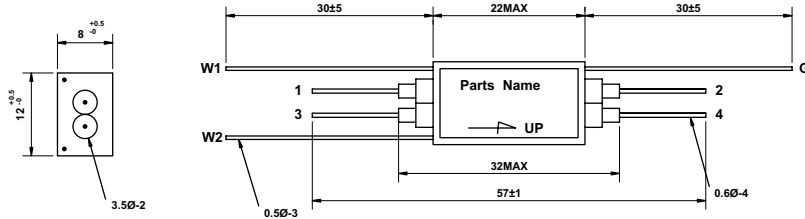
MRR-102S-A (1a)



Weight: about 4.1gr

備註：安裝時，UP 表示方向，
並請於垂直 $\square 30\text{mm}$ 範圍內裝置。

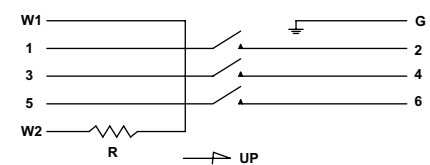
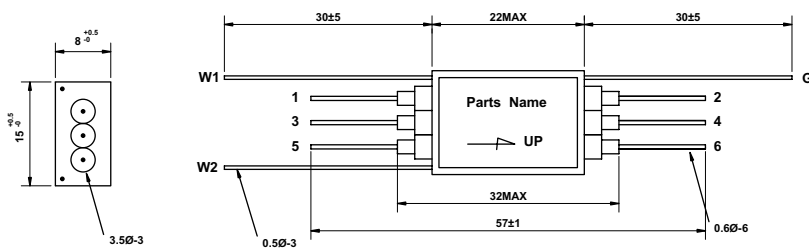
MRR-202S-A (2a)



Weight: about 5.6gr

備註：安裝時，UP 表示方向，
並請於垂直 $\square 30\text{mm}$ 範圍內裝置。

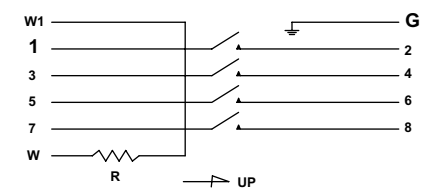
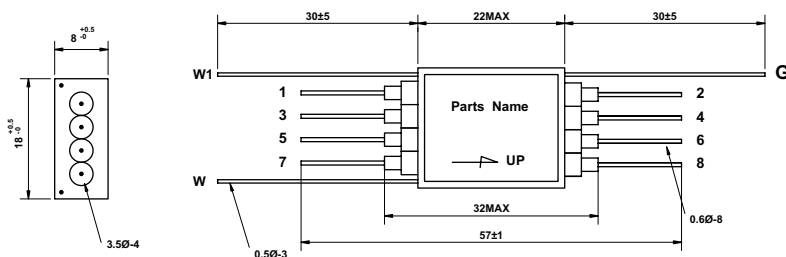
MRR-302S-A (3a)



Weight: about 7.3gr

備註：安裝時，UP 表示方向，
並請於垂直 $\square 30\text{mm}$ 範圍內裝置。

MRR-402S-A (4a)



Weight: about 9.7gr

備註：安裝時，UP 表示方向，
並請於垂直 $\square 30\text{mm}$ 範圍內裝置。