



Solid State Relay (1 Phase with SCR unit)

1 ϕ (10~60A)固態繼電器



Features

1. Load current ranges from 10 to 60 Amps.
2. Internally mounted snubber circuit protection from huge current (dv/dt) application.
3. Zero Crossing turn-on, Zero current turn-off.
4. With LED display to detect the operation condition of devices.
5. Photo-isolation, 4000V Rms isolation.
6. R SERIES have output power 0~90%
7. Ambient Temperature: -10 °C~55 °C,below 90% humidity
8. Weight: 70g

特性

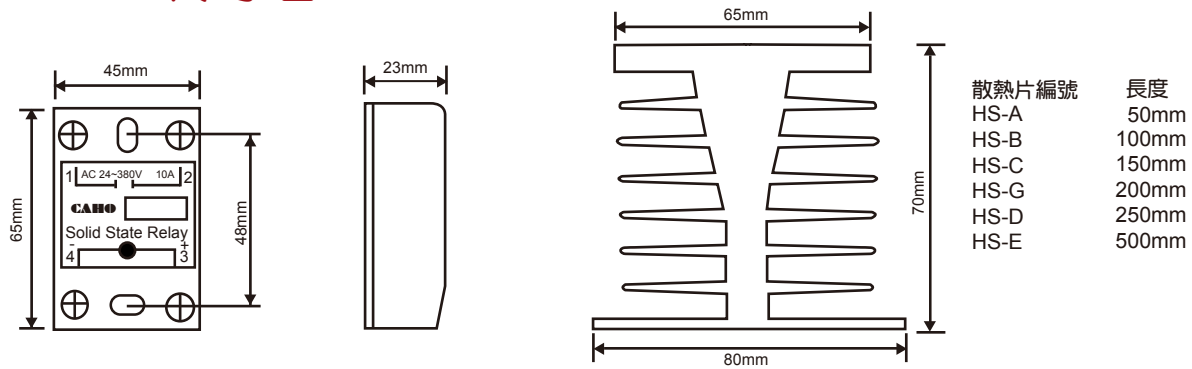
1. 負載額定電流 10A~60A
2. 內部提供RC電路防止突波產生
3. 零電位導通
4. 使用LED顯示觸發狀態
5. 採光耦合隔離 4000V Rms
6. R系列輸出範圍可調0~90%
7. 環境溫度:濕度低於90%，常溫介於零下10至55度
8. 重量：70 公克

SPECIFICATIONS 規格說明

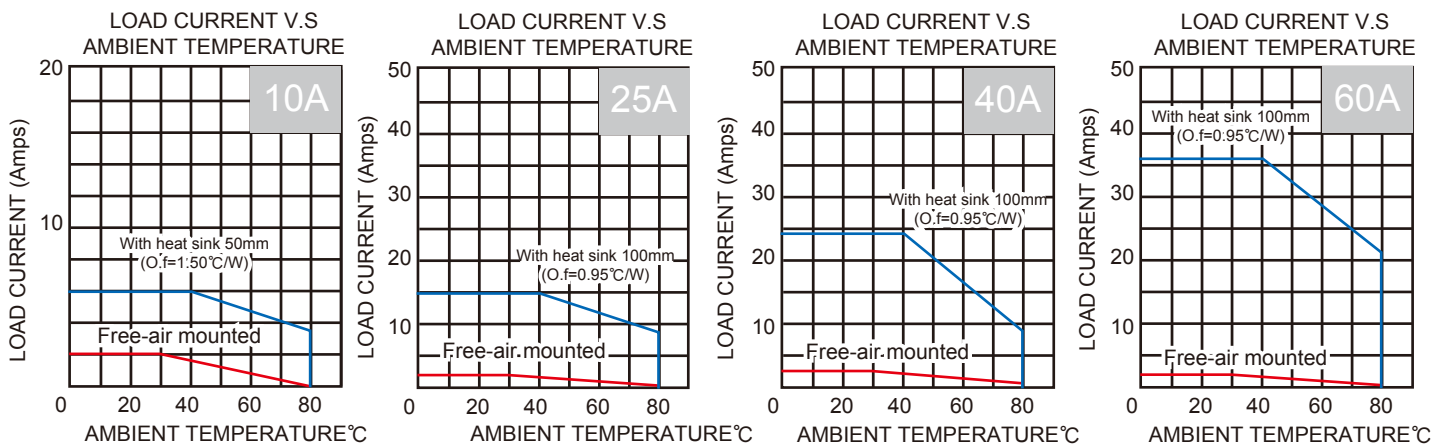
(Ta=25°C)

Model No.型號	SR-D38□□ SR-D48□□				SR-A38□□ SR-A48□□			SR-U24□□			SR-R25□□ SR-R38□□ SR-R48□□		
Type 型式	(DC-AC)				(AC-AC)			(DC-AC) (AC-AC)			(VR-AC)		
Input Signal Voltage 輸入電壓	DC 3~32V				AC 90~250V			DC/AC 5~32V			VR B250KΩ VR B500KΩ VR B500KΩ		
Output Load Voltage Range 輸出負載電壓範圍	AC 24~380V AC 380~440V				AC 24~380V AC 380~440V			AC 24~380V AC 380~440V			AC 90~220V AC 220~380V AC 380~440V		
Load Current 負載電流	10A	25A	40A	60A	10A	25A	40A	10A	25A	40A	10A	25A	40A
Max. 1 Cycle Surge Current 1 週期內最大湧浪電流	125A	260A	315A	350A	125A	260A	315A	125A	260A	315A	125A	260A	315A
Max. On State Voltage Drop 開啟後最大壓降	AC 1.6V												
Response Time 響應時間	1/2 cycle + 1 msec.				3/2 cycle + 1 msec.			3/2 cycle + 1 msec.					
Dielectric Strength 絕緣性	10 ⁸ ohms				10 ⁸ ohms			10 ⁸ ohms					
Isolation between Input/Output 輸入/輸出隔離電壓	2500V (RMS)				2500V (RMS)			2500V (RMS)					
Isolation Input/Output to Case 輸入/輸出對外殼之隔離電壓	2500V (RMS)				2500V (RMS)			2500V (RMS)					
Capacitance 雜扇電容	15 pf (Max.)				15 pf (Max.)			15 pf (Max.)					
Operating Temperature 使用溫度	-20℃~80℃				-20℃~80℃			-20℃~80℃					
Storage Temperature 保存溫度	-40℃~80℃				-40℃~80℃			-40℃~80℃					
Weight(approx.) 重量 (估計)	70g												

DIMENSION 尺寸圖



CHARACTERISTIC CURVES



※須考慮電源變動、散熱片及其他外在因素，實際使用電流不得超過SSR額定之60%。

※Must consider the system of power on, heat sink and other factors, the usage current shouldn't be above 60% of its rated current.

※負載測試：負載未接或電流太小(1A以下)無法正常導通，測試時請接1A以上之負載。

※Testing: Load current over 1A

ORDERING CODE 訂貨編號

Model No. 型號		
SR-		
Series 系列	DC-AC	D
	AC-AC	A
	DC/AC-AC	U
	VR-AC	R
Line Voltage 負載電壓	250V AC	25
	380V AC	38
	440V AC	48
Load Current 負載電流	10A	10
	25A	25
	40A	40
	60A	60
Heat Sink 散熱片	None fitted	N
	Fitted with Heat Sink 80x70x50mm	A
	Fitted with Heat Sink 80x70x100mm	B
	Fitted with Heat Sink 80x70x150mm	C
	Fitted with Heat Sink 80x70x250mm	D
	Fitted with Heat Sink 80x70x500mm	E
DIN rail adapter option 鋁軌固定座選配	Just for HS-A,B or C,D,E,G Heat Sink 只適合HS-A,B,C,D,E,G六種散熱片	S

※備註：

1. 負載電壓440V無10安培之規格。
2. 訂貨時請查閱“規格說明”欄。
3. 60安培因散熱考量，訂貨時請加購HS-C散熱片。

※Note:

1. No 10A model type for 440V power supply.
2. Please refer to the specification and indicate your requirements.
3. Due to the cooling concern, while ordering 60A SSR, please also include the heatsink HS-C.