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CAHO

Solid State Relay (Small Current 10A~40A)

固態繼電器 (小安培10A~40A)



Features

1. Load current ranges from 10 to 40 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

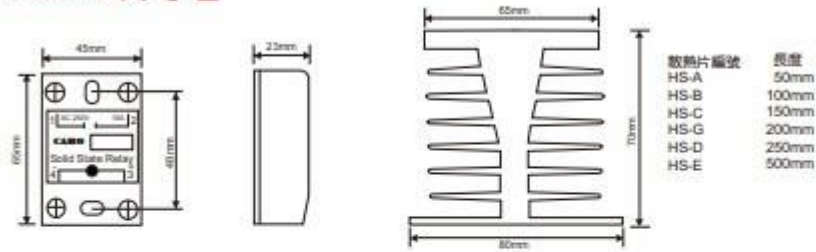
1. 負載額定電流 10A~40A
2. 內部提供RC電路防止突波產生
3. 零電位導通
4. 使用LED顯示開關狀態
5. 採光電耦合器 4000V Rms
6. R系列輸出範圍可調0~90%
7. 環境溫度: 濕度低於90%, 常溫介於零下10至55度
8. 重量: 70 公克

SPECIFICATIONS 規格說明

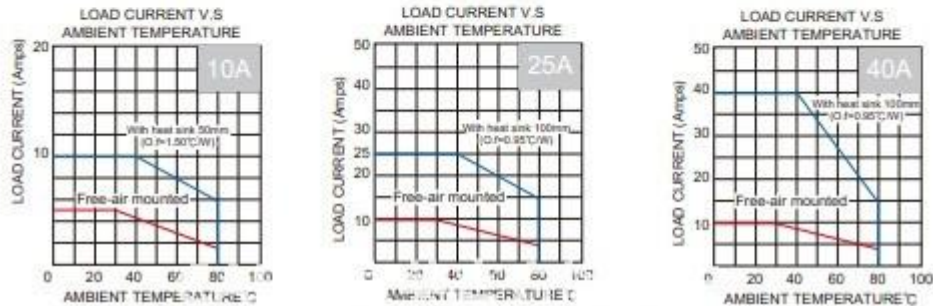
(Ta=25°C)

Data 項目	Model No. 型號	SR-D25□□ SR-D38□□ SR-D48□□	SR-A25□□ SR-A38□□ SR-A48□□	SR-R25□□ SR-R38□□ SR-R48□□
Type 型式		(DC-AC)	(AC-AC)	(VR-AC)
Input Signal Voltage 輸入電壓		DC 3~32V	AC 90~250V	VR B250KQ VR B500KQ VR B500KQ
Output Load Voltage Range 輸出負載電壓範圍		AC 90~250V AC 220~380V AC 380~480V	AC 90~250V AC 220~380V AC 380~480V	AC 90~250V AC 220~380V AC 380~480V
Load Current 負載電流		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	125A 260A 315A	125A 260A 315A
Max. On State Voltage Drop 開關壓降最大值		AC 1.6V		
Response Time 響應時間		1/2 cycle + 1 msec.	3/2 cycle + 1 msec.	
Dielectric Strength 絕緣性		10 ⁸ ohms	10 ⁸ ohms	
Isolation between Input/Output 輸入/輸出隔離電壓		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)	
Capacitance 靜電電容		15 pf (Max.)	15 pf (Max.)	
Operating Temperature 使用溫度		-20°C~80°C	-20°C~80°C	
Storage Temperature 保存溫度		-40°C~80°C	-40°C~80°C	
Weight(approx.) 重量(估計)		70g	70g	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

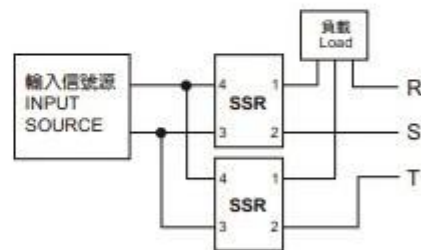
Model No. 型號	
Series 系列	DC-AC D
	AC-AC A
	VR-AC R
Line Voltage 負載電壓	250V AC 25
	380V AC 38
	480V AC 48
Load Current 負載電流	10A 10
	25A 25
	40A 40
Heat Sink 散熱片	None fitted N
	Fitted with Heat Sink 80x70x50mm A
	Fitted with Heat Sink 80x70x100mm B
	Fitted with Heat Sink 80x70x150mm C
	Fitted with Heat Sink 80x70x250mm D
	Fitted with Heat Sink 80x70x500mm E
DIN rail adapter option 鉤軌固定座選配	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

■ 3 PHASE WIRING EXAMPLE

三相負載控制接線如下：

※適用SR-D、SR-A系列

※It is applicable to SR-D & SR-A Series.



※備註：負載電壓480V無10安培之規格。

※Note: No 10A model type for 480V power supply.