



Relays & Solenoids

Adjustable Solid State Relay

Detailed product specifications are available on: us.100y.com.tw



- High reliability by S. M. T. & TQC. (Surface mounting technology)
- High isolation over than 50MΩ/500VDC
- High dielectric over than 2.5KV
- Low enable current less than 7.5mA/12VDC
- C MOS IC or TTL Compatible

- Low EMI/EFI & Surge by zero cross trigger method
- High surge current duration over 410A/One cycle (60Hz)
- High surge voltage duration by snubber circuit

Part No.	Product No.	Manufacturer	Description	Irms	Vrms
44940	SSR-25AA	FOTEK	SOLID STATE RELAY	25A	AC28-250V
44813	SSR-25DA	FOTEK	SOLID STATE RELAY	25A	32V
36948	SSR-25VAH	FOTEK	Adjustable Solid State Relay	25A	90~480VAC
35111	SSR-40VAH	FOTEK	Adjustable Solid State Relay	40A	90~480VAC



Input Data

Variable Resistance : Trimmer / 250k Ω to 110V , 500k Ω to 220V

Control Method : Phase Control

Output Data

Operating Voltage : 24~380VAC

Min. Blocking Voltage : 600 VAC

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Voltage Drop : 1.6 V / 25°C

Max. Durated Current : 410A

Leakage Current : 5.0mA

Dielectric Data

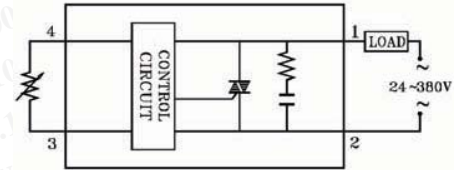
Dielectric Strength : Over 2.5KVAC / 1min.

Isolation Strength : Over 50M Ω / 500VDC

Operating Temperature : -20°C ~+80°C

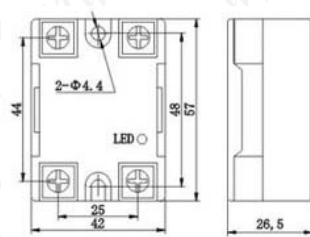
Housing Material : Intensive PBT

Weight : Appr. 105g



VR: 250KVΩ/110VAC, 500KΩ/220VAC

Part No.	Product No.	Manufacturer	Description	Irms	Vrms
31828	SSR-40VA	FOTEK	Adjustable Solid State Relay	40A	24~380VAC



Load accent presses the scope	0-240VAC 0-480VAC
load maximum current	10A 20A 25A 30A 40A
Outside meets adjusts the potentiometer	470-560KΩ
Leads passes the angle scope	0-170°
Passing condition pressure drop	≤2VAC
Output leakage current	≤1mA
medium pressure resistance	≥2500VAC
dielectric resistance	≥100MΩ
switching time	≤1mS
frequency range	50-60Hz
load current safety coefficient	anti load 50-60% perceptual load 30-40%

Part No.	Product No.	Manufacturer	Description	Irms	Switching Type	Vin
38208	XSSVR-25	XURUI	Adjustable Solid State Relay	25A	XSSVR	380V~480VAC

3 Phase Solid State Relays

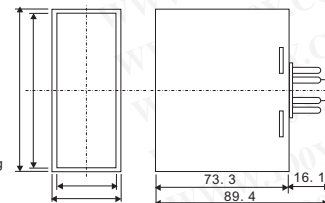
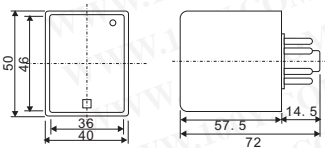
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CHARACTERISTIC :

- Only operational with correct power source voltage and phase sequence
- Suitable for main power source and motor starter circuit to prevent damage from insufficient phase or phase reversal
- Out-of-phase detection while the motor operating*

APR-3, APR-3S, ASV-4 N type(Surface Mounting): Using PF085A Socket & FH-3



SPECIFICATION :

Operating voltage	AC(V) : 220, 240, 380, 415, 440(APR-3, APR-3S) AC(V) : 380, 415 (ASV-4, ASM-170)
Allowable operating voltage range	85~110% of rated operating voltage
Rated frequency	50 / 60 Hz
Contact rating	250VAC 10A resistive load(APR-3) 250VAC 5A resistive load(others)
Reset time	APR-3 none, APR-3S MAX 3S ASV-4, ASM-170 300~600mS
Power consumption	Approx. 2VA
Life	Mechanical: 5,000,000 times Electrical:100,000 times
Ambient temperature	-10 ~ +50°C
Ambient humidity	MAX 85%RH
Weight	APR-3, ASV-4 Approx. 85g APR-3S Approx. 135g ASM-170 Approx. 165g

Part No.	Product No.	Manufacturer	Description	Vin	Irms	Vrms
45530	APR-3S	ANLY	3 Phass Solid State Relays	220-440VAC	10A	220VAC
45540	ASM-170	ANLY	3 Phass Solid State Relays	380-415VAC	5A	250V
45536	ASV-4	ANLY	3 Phass Solid State Relays	380-415VAC	5A	250V

ASM-170 N type(Surface Mounting): Using PF113A Socket



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