



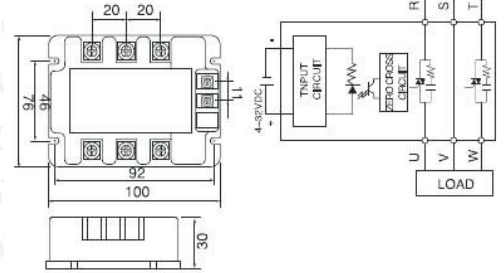
Relays & Solenoids

3 Phase Solid State Relays

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



- Medium voltage resistance: 2500VAC
- Insulated resistance: 1000MΩ/500VDC
- Environment temperature: -30°C~+75°C
- Weight: 450g
- Direction: LED



Part No.	Product No.	Manufacturer	Description	Vin	Irms	Vrms	Switching Type
40825	TSR-25DA-H	FOTEK	Adjustable Solid State Relay	3~32VDC	25A	24~380VAC	TSR

Plug-In Interface DC To AC Solid State Relays

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



Model	Max. Load Current	Peak 1 Cycle Surge Current Isurge(A)	Load Voltage Range Vo (V)	Input Voltage Range Vi (V)	Dielectric Strength Viso(V)
A5P/A6P-202	2	30	AC50~264	DC3~24	2,500
A5P/A6P-203	3	40	AC50~264	DC3~24	2,500
A5P/A6P-204	4	50	AC50~264	DC3~24	2,500

Part No.	Product No.	Manufacturer	Description	Vin	Irms	Vrms	Switching Type
10386	A5P-202U	JEL	AC To DC SSR-UL, CSA	3~24Vdc	2A	50~250Vac	Zero-Cross
10388	A5P-203V	JEL	AC to DC SSR-TUV	3~24Vdc	3A	50~250Vac	Zero Cross
5277	A5P-204U	JEL	DC-AC SSR-UL, CSA	3~24Vdc	4A	50~250Vac	Zero Cross

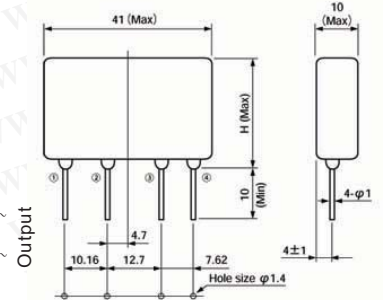
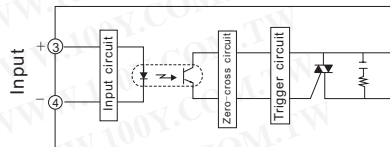


Features

- Resin casted molding type
- Available for PCB high-density packaging
- Dielectric strength between input and output at 3,000V/1 min. (V type)
- 3~24V input voltage
- UL/CSA/TÜV standard approved (some items are not approved)
- 400V is available with A6P-403

Model	Size	H (mm)
A6P-202		26
A6P-203/403		26
A6P-204		31

Equivalent Circuit



Part No.	Product No.	Manufacturer	Description	Vin	Irms	Vrms	Switching Type
41146	A6P-204U	JEL	AC SSR-UL,CSA	DC3-24V	4A	AC50~264V	Zero-cross-circuit



FEATURES

- 1. Slim with 9 mm .354 inch thickness**
The thin type (45 mm long × 24 mm high × 9 mm wide) (1.772×.945×.354 inch) permits high density mounting.
- 2. Excellent in noise resistance**
Since the input and output are insulated by the phototriac coupler, the noise on the output side is not fed back to the input side.

3. Snubber circuit integrated

The snubber circuit is integrated to prevent malfunction caused by the rapid rise of the voltage on the output side, such as inductive load and noise.

4. Zero-cross and random types are available.

The zero-cross type generates minimal noise by suppressing occurrence of radio frequency interference (RFI) and electro-magnetic interference (EMI).

5. High dielectric strength:

3,000 V AC (between input and output)

6. Two kinds of terminals distance are available. (5.08 mm and 7.62 mm)

(.200 and .300 inch)

7. High reliability, long life and maintenance-free

Characteristics (Ambient temperature: 20°C 68°F; Input voltage ripple: 1% or less)

Item	Type	Zero-cross type	Remarks
Operate time, max.		1/2 cycle of voltage sine wave + 1 ms	
Release time, max.		1/2 cycle of voltage sine wave + 1 ms	
Insulation resistance, min.		10 ⁹ Ω between input and output	at 500 V DC
Breakdown voltage		3,000 V AC between input and output	For 1 minute
Vibration resistance	Functional	10 to 55 Hz at double amplitude of 3 mm	10 min. for X, Y, Z axis
	Destructive	10 to 55 Hz at double amplitude of 3 mm	1 hour for X, Y, Z axis
Shock resistance	Functional	Min. 980 m/s ² {100 G}	4 times each for X, Y, Z axis
	Destructive	Min. 980 m/s ² {100 G}	5 times each for X, Y, Z axis
Ambient temperature		-30°C to +80°C -22°F to +176°F	
Storage temperature		-30°C to +100°C -22°F to +212°F	

