



# Relays & Solenoids

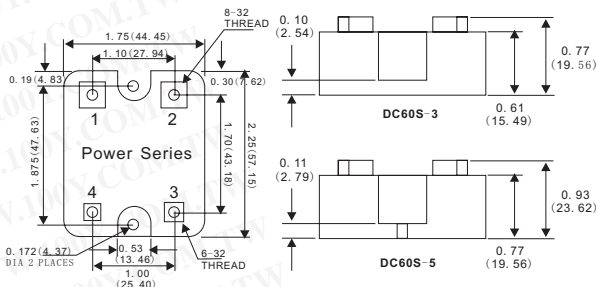
## Surface Mounting Power DC To AC Solid State Relays

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

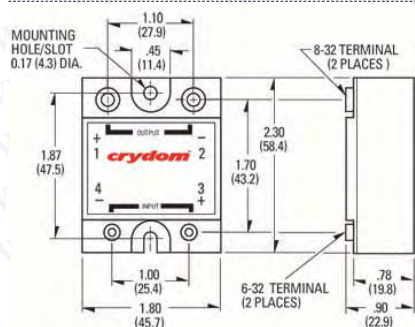


### Specifications

	DC60P or DC60MP	DC60S-5
Operating Voltage Range	5-60 VDC	5-60 VDC
Forward Voltage Drop	1.5 volts	at 5 amps
Nominal Current Rating	3 amps	5 amps
Off-State Blocking	60 VDC	60 VDC
Signal Pickup Voltage	3 VDC allowed	3 VDC 32 Volt allowed
Signal Dropout Voltage	1 VDC	1 VDC
Signal Input Impedance	1,000 ohms	1,000 ohms
Isolation Voltage	4,000 V <sub>RMS</sub>	4,000 V <sub>RMS</sub>



Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage
30915	DC60P	OPTO22	Surface Mounting Power DC-AC SSR			
39446	DC60S-5	OPTO22	AC Power Series Specifications	5-60 VDC	5A	4000V



All dimensions are in inches (millimeters)

#### Screw Torque Requirements:

6-32 Screws - 10 in. lbs., 8-32 and 10-32 Screws - 20in. lbs. (Screws dry without grease.)

- Cost Effective
- Industry Standard Package
- AC or DC Control
- Panel Mount
- Normally Closed (Form B) Available (-B Suffix)

### GENERAL SPECIFICATIONS

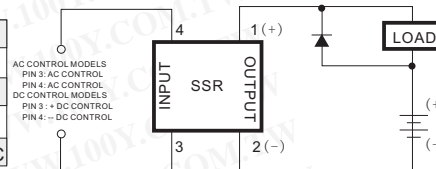
Dielectric Strength 50/60Hz (input/output/base)	4000 Vrms
Insulation Resistance (Min.) @ 500 Vdc	10 <sup>9</sup> Ohm
Max. Capacitance Input/Output	8 pF
Ambient Operating Temperature Range	-30 to 80°C
Ambient Storage Temperature Range	-30 to 125°C

### MECHANICAL SPECIFICATIONS

Weight: (typical)	3.0 oz. (86.5g)
Encapsulation:	Thermally Conductive Epoxy
Terminals:	Screws and Saddle Clamps Furnished, Unmounted

Bipolar transistor outputs are available in 3, 5 and 7 amp ratings. Cost-effective relays offer 4000 Volt isolation and come in Crydom's standard panel-mount package. Manufactured in Crydom's ISO 9001 Certified facility for optimum product performance and reliability.

Input and output polarity must be observed. Inductive loads must be diode suppressed.



#### Transient Protection

All loads are inductive, even ones that are not so labeled. An inductive load will produce harmful transient voltages when it is turned off. Diodes should be fast recovery type with PIV rated greater than supply voltage.

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
47086	DC60S5	Crydom	DC-AC relays	3.5-32V	0.02-5	90-280V	AC



- Low Leakage
- Quick Connect Terminals
- SCR Output
- 24V Control Available (EZE Models)

The Series EZ SPST-NO AC output relays offer a low profile package with the convenience of quick connect terminals. The Series EZ is the preferred choice for

replacement of 120V and 240V Electro-mechanical relays. Output consists of an SCR switch and is available in Zero-Cross and Random Turn-On (Phase Controlable) versions. Manufactured in Crydom's ISO 9001 Certified facility for optimum product performance and reliability.

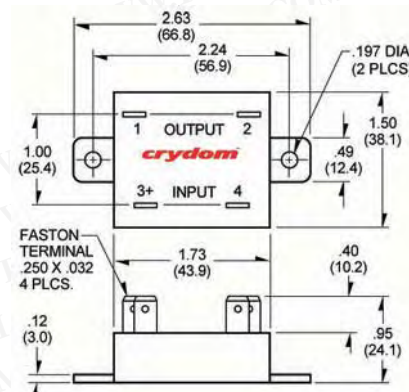
### GENERAL SPECIFICATIONS

Dielectric Strength 50/60Hz (input/output/base)	4000 Vrms*
Insulation Resistance (Min.) @ 500 Vdc	10 <sup>9</sup> Ohm
Max. Capacitance Input/Output	8 pF
Ambient Operating Temperature Range	-40 to 80°C
Ambient Storage Temperature Range	-40 to 125°C

### MECHANICAL SPECIFICATIONS

Weight: (typical)	1.5 oz. (43g)
Encapsulation:	Thermally Conductive Epoxy
Terminals:	.25 Inch faston

Crydom Heat Sinks offer excellent thermal management and are perfectly matched to the load current ratings of Crydom panel mount relays. Request Crydom's Heat Sink specification sheet for all the details.



All dimensions are in inches (millimeters)

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
46159	EZ240D18	Crydom	Solid State Relays	3-15V	0.15-18A	24-280V	Zero cross

- If you cannot find the components you want on the catalogue, please call us.



Taiwan: 886-3-5753170

Shanghai: 021-54151736 Shenzhen: 0755-83298787

## Centenary Materials

Waiting for your phone call



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