



Relays & Solenoids

Surface Mounting Power DC To AC Solid State Relays

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



- Triac Output
- Printed Circuit Board Mount
- Internal Snubber
- Zero Voltage Switching

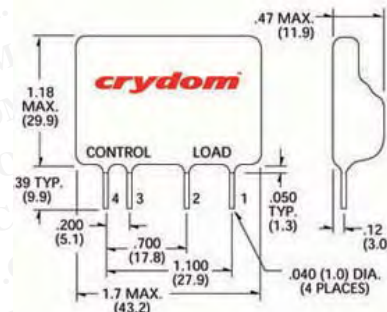
The D2W Series features an epoxycoated package that provides exceptional environmental protection. Pinouts are compatible with Series 6 and OAC type I/O modules.

Manufactured in Crydom's ISO 9001 Certified facility for optimum product performance and reliability.

GENERAL SPECIFICATIONS

Dielectric Strength ②	4000 Vrms
Insulation Resistance (Min.) @ 500 Vdc②	10 ⁹ Ohm
Max. Capacitance	10 pF
Ambient Operating Temperature Range	-30 to 80 1/4 C
Ambient Storage Temperature Range	-30 to 125 1/4 C

PIN 1: AC LOAD
PIN 2: AC LOAD
PIN 3: DC CONTROL
PIN 4: -DC CONTROL



All dimensions are in inches (millimeters)

MECHANICAL SPECIFICATIONS

Weight: (typical)	0.6 oz. (17 g)
Encapsulation:	Thermally Conductive Epoxy

GENERAL NOTES

② Dielectric and insulation resistance are measured between input and output.

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
36274	D2W202F	Crydom	Surface Mounting Power DC-AC SSR	3-32 Volts DC	2 Amps RMS	280 Volts RMS	A C



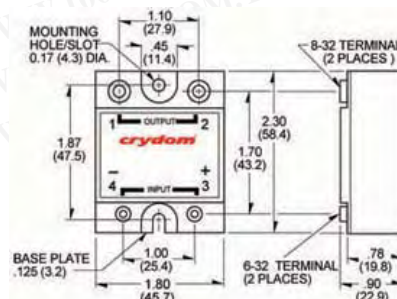
- Zero Voltage and Random Turn-On Switching
- Panel Mount
- 800V Transient Capability
- Internal Snubber

Featuring state-of-the-art Surface Mount Technology, these SPST-NO relays deliver proven reliability in the most demanding applications. Output consists of an SCR AC switch and is available in zero-cross, random turn-on (phase controllable) and versions with either AC or DC input (coil) control. 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 ⁹ Ohm
Max. Capacitance Input/Output	8 pF
Ambient Operating Temperature Range	-40 to 80°C
Ambient Storage Temperature Range	-40 to 125°C

-10 Random Turn-On (AC & DC Control) Phase Controllable (DC Control)
Example: D4890-10



All dimensions are in inches (millimeters)

MECHANICAL SPECIFICATIONS

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

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
41433	D4825	Crydom	Solid State Relays A48 D48 12-90Amp 480 Vac - AC	3-32 Volts DC	25 Amps RMS	800Volts RMS	DC
41432	D4875-10	Crydom	Solid State Relays A48 D48 12-90Amp 480 Vac - AC	3-32 Volts DC	75 Amps RMS	800 Volts RMS	DC

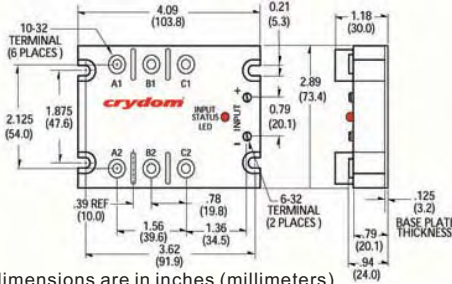


- SCR Output
- LED Status Indicator
- Protective Cover Available (Part No. KS300)
- Panel Mount
- Integrated Overvoltage Protection by Automatic Self Turn-On (Suffix P)

Three-phase solid state relays switch up to 530 Vrms directly to loads such as motors, transformers, heating elements, etc. Available with either AC or DC input (coil) control in zero-voltage or random turn-on switching 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 ⁹ Ohm
Max. Capacitance Input/Output	8 pF
Ambient Operating Temperature Range	-40 to 80°C
Ambient Storage Temperature Range	-40 to 125°C



All dimensions are in inches (millimeters)

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.

MECHANICAL SPECIFICATIONS

Weight: (typical)	10.3 oz. (315g)
Encapsulation:	Thermally Conductive Epoxy
Terminals:	Screws and Saddle Clamps Furnished

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
40921	D53TP25D	Crydom	DC-AC Solid State Relays	3-32 Volts DC	0.05-25 Amps RMS	48-530 Volts RMS	AC



T E L : Taiwan : 886-3-5753170
F A X : Taiwan : 886-3-5753172
E-mail : Taiwan : us_sale@100y.com.tw

Shenzhen : 86-755-83298787
Shenzhen : 86-755-83640655
Shenzhen : 100y@163.com

Shanghai : 86-21-54151736
Shanghai : 86-21-64605107
Shanghai : 100y-1@163.com