



Relays & Solenoids

Surface Mounting Power DC To AC Solid State Relays

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

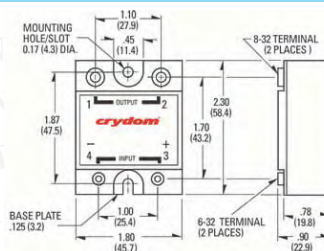


GENERAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

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



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.

-10 Random Turn-On (AC & DC Control)
 Phase Controllable (DC Control)
 Example: HD4890-10

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
36149	HD4812	Crydom	DC-AC Solid-state Relay	3-32 Volts DC	12 Amps RMS	530 Volts RMS	AC
36152	HD4850	Crydom	DC-AC Solid-state Relay	3-32 Volts DC	50 Amps RMS	530 Volts RMS	AC
35956	HD4875	Crydom	DC-AC Solid-state Relay	3-32 Volts DC	75 Amps RMS	530 Volts RMS	AC
41430	HD4875-10		Solid-state Relay HD 12-90Amp 480 Vac - AC	3-32 Volts DC	75 Amps RMS	1200 Volts RMS	DC
36153	HD4890	Crydom	DC-AC Solid-state Relay	3-32 Volts DC	90 Amps RMS	530 Volts RMS	AC
36154	HD4890-10	Crydom	DC-AC Solid-state Relay	3-32 Volts DC	90 Amps RMS	530 Volts RMS	AC

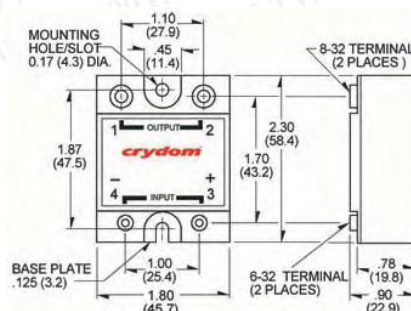


- Zero Voltage and Random Turn-On Switching
- Panel Mount
- Internal Snubber
- Integrated Overvoltage Protection by Automatic Self Turn-On (Suffix P)

Featuring state-of-the-art Surface Mount Technology, these SPST-NO relays deliver proven reliability in the most demanding applications.

Output consists of an SCRAC 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.



-10 Random Turn-On (AC & DC Control) Phase Controllable (DC Control)
 Example: D24110-10

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.

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

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
27942	HD48125	Crydom	Solid-state Relay	3-32V	4-125A	48-530V	Zero-Cross
47905	HD48125-10	Crydom	Crydom_ Solid-state Relay	3-32VDC	0.15-125A	48-530V	AC

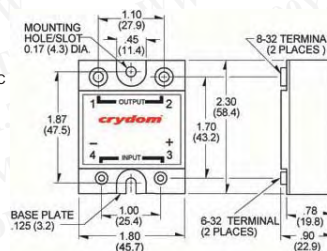


- Zero Voltage and Random Turn-On Switching
- Panel Mount
- 1200V Blocking Capability
- 600Vac - the preferred choice in Canada
- Integrated Overvoltage Protection by Automatic Self Turn-On (Suffix P)

Featuring state-of-the-art Surface Mount Technology, these SPST-NO relays deliver proven reliability in the most demanding applications.

Output consists of an SCRAC switch and is available in zero-cross, random turn-on (phase controllable) and versions with either AC or DC input (coil) control.

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-10 Random Turn-On (AC & DC Control) Phase Controllable (DC Control)
 Example: HD6090-10

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.

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

