



Relays & Solenoids

Surface Mounting Power DC To AC Solid State Relays

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



- High Packaging Density
- Compatible with 5, 15 & 24Volt Logic Systems
- Opto-Isolated 4000 Vrms
- Zero Voltage Switching (AC)

Available in 3Arms and 4Arms ratings, all are SPST-NO PC-mount relays that provide greater packaging density and compatibility with pin out of Series 6 and OAC output modules. Internal snubber included for high dv/dt applications (AC).

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

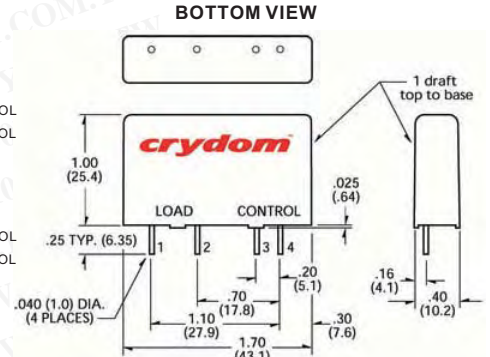
GENERAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

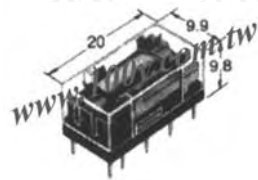
Weight: (typical)	0.7 oz. (20g)
Encapsulation:	Thermally Conductive Epoxy

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



All dimensions are in inches (millimeters)

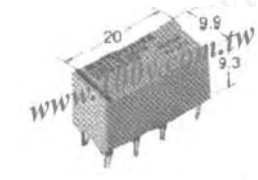
Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
36264	MP240D3	Crydom	Series MP	3-32 Volts DC	3 Amps RMS	280 Volts RMS	AC



- 1, 500V FCC surge satisfied
- High sensitivity
- High switching power
- M. B. B. contact available

Contact material (optional material)		Gold-clad silver (Silver palladium)
Contact arrangement		1c, 2c, 2D, 4c
Life (Min operation)	Electrical	5x10 ⁵
	Mechanical	10 ⁵
Break down voltage	Between open contacts	1,000Vrms (500 Vrms for DS1-S)
	Between contact sets	1,000Vrms
	Between contact and coil	1,500Vrms (1,000Vrms for DS1-S)
Surge withstand voltage		1,500V FCC
Coil voltage		(DC) 1, 5, 3, 5, 6, 9, 12, 24, 48V
Standards		UL (E43149) CSA (LR26550)

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
37164	RL-DS1E-M-DC12V	MATSUSHITA	MATSUSHITA DC 12V 400mW IC Form relays	30V	2A	1000V	DS
37165	RL-DS1E-S-DC12V	MATSUSHITA	MATSUSHITA DC 12V 400mW IC Form relays	30V	2A	1000V	DS
37169	RL-DS1E-S-DC5V	MATSUSHITA	MATSUSHITA DC 12V 400mW IC Form relays	30V	2A	1000V	DS
37170	RL-DS2-M-DC12V	MATSUSHITA	MATSUSHITA DC 12V 400mW IC Form relays	30V	2A	1000V	DS2



- High sensitivity
- 2 Form C contact
- 1,500 V FCC
- Sealed construction

Contact material (optional material)		Gold-clad silver
Contact arrangement		2c
Life (Min operation)	Electrical	10 ⁵
	Mechanical	10 ⁵
Break down voltage	Between open contacts	750Vrms
	Between contact sets	1,000Vrms
	Between contact and coil	1,000Vrms
Surge withstand voltage		1,500V FCC
Coil voltage		(DC) 1, 5, 3, 5, 6, 9, 12, 24, 48V
Standards		UL (E43149) CSA (LR26550)

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
37172	RL-DS2Y-S-DC12V	MATSUSHITA	MATSUSHITA DC 12V 400mW IC Form relays	30V	2A	1500V	DS2Y



	Max. Load current	Peak 1 Cycle Surge Current Isurge(A)	Load Voltage Range Vo (V)	Input Voltage Range Vi (V)	Dielectric Strength Viso(V)
JL-S1C-215WDV	15	150	AC85~264	DC3~30	3,000
JL-S1C-225WDV	25	225	AC85~264	DC3~30	3,000

Part No.	Product No.	Manufacturer	Description	Vin drive voltage	Irms Load current	Vrms Load voltage	Switching Type
2618	S1C-215WDV	JEL	Surface Mounting Power DC-AC SSR	3~30VDC	15A	50~250VAC	Zero-Cross
2889	S1C-225WDV	JEL	Surface Mounting Power DC-AC SSR	3~30VDC	25A	50~250VAC	Zero-Cross
2619	S1C-245WDV	JEL	Surface Mounting Power DC-AC SSR	3~30VDC	45A	50~250VAC	Zero-Cross

