

# CRYDOM PC Mount Solid State Relays



## CRYDOM MCX SERIES (5A SIP) PC MOUNT RELAYS

### Features/Specifications:

- Load current range: 0.06-5.0A
- DC control
- Operating voltage range: 12-280VDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Control Voltage Range	Load Voltage Range	Load Current Rating	Price Each		
					1	10	25
558-MCX240D5	MCX240D5	4-15VDC	12-280VAC	0.06-5.0Arms	15.85	14.86	14.19
558-MCX240D5R	MCX240D5R	4-15VDC	12-280VAC	0.06-5.0Arms	16.68	15.63	14.92
558-MCXE240D5	MCXE240D5	15-32VDC	12-280VAC	0.06-5.0Arms	16.16	14.86	14.19



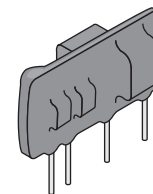
## CRYDOM SERIES DO PC MOUNT RELAYS

### Features/Specifications:

- Load current range: 0.02-1.0A
- Mini-SIP mounting
- Operating voltage range: 3-60VDC
- DC control
- DC Switching- SPST-NC
- Low profile package

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Input Voltage	Output Voltage	Price Each			
				1	10	25	50
558-DO061A-B	DO061A-B	3-9VDC	3-60VDC	23.97	22.84	22.31	21.79
558-DO061B-B	DO061B-B	1.7-9VDC	3-60VDC	23.97	22.84	22.31	21.79



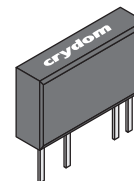
## CRYDOM SERIES MPDC PC MOUNT RELAYS

### Features/Specifications:

- Bipolar transistor output
- DC Switching- SPST-NC
- Load current range: 0.02-3.0A Vrms
- SIP mount
- Operating voltage range: 0-60VDC

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Input Voltage	Output Voltage	Price Each			
				1	10	25	50
558-MPDCD3-B	MPDCD3-B	3-32VDC	3-60VDC	26.00	24.78	24.21	23.64



## CRYDOM SERIES AO/ASO (1-2A, AC MINI-SIP)

AO models offer Triac output, ASO models are SCR output. The AO241 (R) are rated up to 1.0A, the ASO241(R) up to 1.5A SPST-NO, and the ASO242(R) up to 2.0A. ASO models are designed for switching highly inductive, low current loads such as solenoids. Available in either zero voltage or random switching (R) versions.

### Features/Specifications:

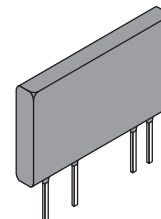
- Triac (AO) or SCR (ASO) output
- DC Control, AC Output
- Operating temperature: -30°C to 80°C
- Control voltage: 4-10VDC
- Control current: 15mA @ 5VDC
- Must release voltage: 1VDC
- Isolation voltage: 2500Vrms



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Line Voltage	Load Current Range	Price Each			
				1	10	25	50
558-ASO241	ASO241	24-280VAC	.025-1.0Arms	11.23	10.70	10.45	10.21
* 558-ASO241R	ASO241R	24-280VAC	.025-1.0Arms	12.07	11.50	11.22	10.97
558-ASO242	ASO242	12-280VAC	0.6-2.0Arms	13.57	12.93	12.63	12.34
* 558-ASO242R	ASO242R	12-280VAC	0.6-2.0Arms	14.40	13.72	13.40	13.09

\*R suffix indicates random turn-on



## CRYDOM SERIES DO/DMO (1-3A, DC MINI-SIP)

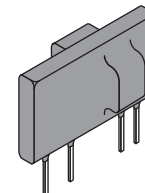
SPST-NO DC output relays in epoxy coated packages utilize the popular .10" grid lead spacing. They are available with either bipolar transistor output (DO), or the DMO063 with MOSFET output rated at 3A/60VDC.

### Features/Specifications:

- Bipolar (DO) or MOSFET (DMO) Output
- DC Control, DC Output
- Operating temperature: -30°C to 80°C
- Isolation voltage: 2500Vrms, 4000Vrms (DO)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Line Voltage	Load Current Range (ADC)	Control Voltage	Control Current @ 5VDC (mA)	Must Release Voltage (VDC)	Price Each			
							1	10	25	50
558-DMO063	DMO063	0-60VDC	0-3.0ADC	3-10VDC	20	1.0	20.70	19.73	19.27	18.82



## CRYDOM SERIES CX (5A, AC SIP)

Crydom's family of SPST-NO relays achieves the highest power switching capability in a PC-mounted air-cooled package. Advanced features include exceptional steady state current, plus ultra-high surge ratings. Models are available to switch up to 669 Vrms with AC or DC control, and either zero-cross or random turn-on (R) switching versions. Pinout is compatible with OAC type I/O modules.

### Features/Specifications:

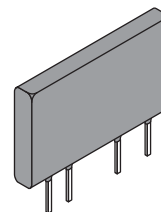
- SCR Output
- Ultra high surge rating
- Operating temperature: -30°C to 80°C
- Isolation voltage: 4000Vrms



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Line Voltage	Load Current Range	Control Voltage	Control Current	Price Each				
						1	10	25	50	
<b>DC Input</b>										
558-CX240D5	CX240D5	12-280VAC	.06-5.0ADC	3-15VDC	15mA @ 5VDC	13.65	13.01	12.71	12.41	
* 558-CX240D5R	CX240D5R	12-280VAC	.06-5.0ADC	3-15VDC	15mA @ 5VDC	14.48	13.80	13.48	13.17	
558-CXE240D5	CXE240D5	12-280VAC	.06-5.0ADC	15-32VDC	15mA @ 24VDC	13.65	13.01	12.71	12.41	
558-CX380D5	CX380D5	48-530VAC	.06-5.0ADC	4-15VDC	15mA @ 5VDC	17.40	16.58	16.20	15.82	
558-CXE380D5	CXE380D5	48-530VAC	.06-5.0ADC	15-32VDC	15mA @ 24VDC	17.40	16.58	16.20	15.82	
558-CX480D5	CX480D5	48-660VAC	.06-5.0ADC	4-15VDC	15mA @ 5VDC	19.15	18.25	17.83	17.41	
<b>AC Input</b>										
* 558-CXE240A5	CXE240A5	12-280VAC	.06-5.0Arms	18-36VAC	5mA @ 24VDC	15.23	14.27	13.64	12.87	

\*R suffix indicates random turn-on



## CRYDOM SERIES MP TRIAC AC OUTPUT SIP PC MOUNT SSR'S (3-4A, 120/240VAC)

Available in 3Arms and 4Arms ratings, all are SPST-NO PC-mount relays that provide greater packaging density and compatibility with pinout of Series 6 and OAC output modules.

### Features/Specifications:

- Triac AC Output SIP
- 5,15, and 24 Volt logic system compatible
- SPST-NO
- Must release voltage: 1VDC
- Operating temperature: -40°C to 80°C
- Isolation voltage: 4000Vrms
- Control voltage: 3-32VDC
- Control current: 2.6mA @ 5VDC



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Line Voltage	Load Current Range (Arms)	Surge Voltage	Price Each			
					1	10	25	50
558-MP120D3	MP120D3	12-140	.02-3.0	90	20.92	19.94	19.48	19.02
558-MP240D3	MP240D3	24-280	.02-3.0	90	21.28	20.28	19.81	19.35
558-MP240D4	MP240D4	24-280	.02-4.0	130	21.85	20.82	19.20	18.33

