

CRYDOM Panel Mount Solid State Relays



Products may be RoHS compliant. Check mouser.com for RoHS status.

CRYDOM SERIES 1 (10-125A, 120/240VAC OUTPUT)

Features/Specifications:

- Output - SCR AC switch
- Zero voltage and random
- Internal snubber
- Operating temperature: -40°C to 80°C

DC Control:

- Control voltage: 3-32VDC
- Control current: 3.4mA @ 5VDC
- Higher Amps Available

AC Control:

- Control voltage: 90-280VAC
- Control current: 2mA @ 120VAC

* Non-zero cross, phase controllable

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Fig.	Line Voltage (VAC)	Load Current (Amps)	Isolation Voltage	Must Release Voltage	Price Each		
							1	10	25
DC Control									
558-D1210	D1210	A	24-140	.04-10	4000Vrms	1VDC	37.58	35.81	34.98
558-D1225	D1225	A	24-140	.04-25	4000Vrms	1VDC	38.13	36.34	35.50
558-D1240	D1240	A	24-140	.04-40	4000Vrms	1VDC	41.51	39.57	38.66
558-D1240-B	D1240-B	A	24-280	.04-40	4000Vrms	1VDC	50.25	47.89	46.56
558-D2450-B	D2450-B	A	24-280	.05-40	4000Vrms	1VDC	73.07	67.19	64.17
558-D2475-10	D2475-10	A	24-280	.05-40	4000Vrms	1VDC	99.94	91.89	87.77
558-D2490-10	D2490-10	A	24-280	.05-40	4000Vrms	1VDC	81.53	77.70	75.91
558-D2410	D2410	A	48-280	.04-10	4000Vrms	1VDC	38.47	36.66	35.82
558-D2425	D2425	A	48-280	.04-25	4000Vrms	1VDC	38.88	37.05	36.20
* 558-D2425-10	D2425-10	A	48-280	.04-25	4000Vrms	1VDC	39.72	37.85	36.98
558-D2440	D2440	A	48-280	.04-40	4000Vrms	1VDC	44.00	41.93	40.96
* 558-D2440-10	D2440-10	A	48-280	.04-40	4000Vrms	1VDC	44.83	42.72	41.73
558-D2450	D2450	A	48-280	.04-50	4000Vrms	1VDC	45.42	43.29	42.29
* 558-D2450-10	D2450-10	A	48-280	.04-50	4000Vrms	1VDC	46.25	43.36	41.41
558-D2475	D2475	A	48-280	.04-75	4000Vrms	1VDC	72.57	69.16	67.57
558-D2490	D2490	A	48-280	.04-90	4000Vrms	1VDC	79.88	76.13	74.38
558-D4825	D4825	A	80-530	.04-25	4000Vrms	1VDC	49.60	47.27	46.18
558-D4840	D4840	A	80-530	.04-40	4000Vrms	1VDC	55.08	52.49	51.36
558-D4850	D4850	A	80-530	.04-50	4000Vrms	1VDC	55.08	52.49	51.28
558-D4875	D4875	A	80-530	.04-75	4000Vrms	1VDC	87.95	83.81	81.48
AC Control									
558-A1225	A1225	A	24-140	.04-25	4000Vrms	10VAC	39.52	37.66	36.79
558-A1240	A1240	A	24-140	.04-40	4000Vrms	10VAC	43.73	41.67	40.52
558-A2450-10	A2450-10	A	24-280	.04-50	4000Vrms	10VAC	65.10	59.87	57.17
558-A2410	A2410	A	48-280	.04-10	4000Vrms	10VAC	40.73	38.82	37.92
558-A2425	A2425	A	48-280	.04-25	4000Vrms	10VAC	41.52	39.57	38.66
558-A2440	A2440	A	48-280	.04-40	4000Vrms	10VAC	45.85	43.70	42.76
558-A2450	A2450	A	48-280	.04-50	4000Vrms	10VAC	47.00	44.79	43.76
558-A2475	A2475	A	48-280	.04-75	4000Vrms	10VAC	75.70	72.14	70.12
558-A4850	A4850	A	80-530	.04-50	4000Vrms	10VAC	60.13	57.30	55.71
558-A4875	A4875	A	80-530	.04-75	4000Vrms	10VAC	89.57	85.35	83.00

CRYDOM 53 SERIES (25-50 AMP, 3 PHASE, IP20 OR IP00, MOTOR REVERSING)

Features/Specifications:

- SCR output for heavy industrial loads
- AC or DC Control
- Zero-crossing (resistive loads) or random-fire (inductive loads) output
- Transient protection built in
- Operating temperature: -40°C to 80°C
- Isolation voltage: 4000Vrms

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Fig.	Control	Type	Load Current	Price Each	
						1	10
558-D53TP25D	D53TP25D	B	3-32V	3 Controlled	05-25	151.33	144.22
558-D53TP50D	D53TP50D	B	3-32V	3 Controlled	05-50	165.60	157.81
558-A53TP25D	A53TP25D	B	90-280V	3 Controlled	05-25	157.82	150.40
558-B53TP25C	B53TP25C	C	90-140V	3 Switched Channels	25A	171.83	163.75
558-B53TP50CH	B53TP50CH	C	90-140V	3 Switched Channels	25A	190.75	181.78
558-C53TP25CH-10	C53TP25CH-10	C	180-240V	3 Switched Channels	25A	181.82	173.28
558-D53TP50CH	D53TP50CH	C	4-32V	3 Switched Channels	25A	184.60	175.92
558-E53TP25C-10	E53TP25C-10	C	18-32V	3 Switched Channels	25A	176.82	168.52
558-E53TP50C	E53TP50C	C	18-32V	3 Switched Channels	25A	185.74	177.01
558-D53RV50C	D53RV50C	D	4-32V	3 Switched Channels	25A	279.40	266.27

CRYDOM DUAL RELAYS, SCR OUTPUT

Two totally independent AC output relays come in a single standard panel-mount package. Utilizing an AC switch output with internal snubber, relays provide greater protection against false triggering.

Features/Specifications:

- Industry standard package
- Zero voltage switching
- Operating temperature: -40°C to 80°C
- Isolation voltage: 4000Vrms
- Control current: 15mA @ 5VDC
- Must release voltage: 1VDC
- Random turn-on, phase controllable

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Fig.	Load Current (VAC)	Control Voltage (VDC)	Line Voltage (VAC)	Price Each	
						1	10
558-D2425D	D2425D	E	.15-25	4-15	24-280	73.47	70.02
558-D2440D	D2440D	E	.15-40	4-15	24-280	83.18	79.27
558-D2440D-10	D2440D-10	E	.15-40	4-15	24-280	84.85	80.86

CRYDOM CW SERIES (10-125A, 120/240/480/600VAC)

Features/Specifications:

- SCR AC switch output
- Integrated fingerproof cover
- EMC compliant design
- Operating temperature: -40°C to 80°C
- Isolation voltage: 4000Vrms

MOUSER STOCK NO.	Crydom Part No.	Fig.	Line Voltage (Vrms)	Load Current (Arms)	Control Voltage	Control Current	Must Release Voltage	Surge Current 1-Cycle (Apk)	Price Each		
									1	10	25
DC											
558-CWD2410	CWD2410	F	24-280	.15-10	3-32VDC	10mA @ 5VDC	1VDC	400	42.35	40.36	39.43
558-CWD2425	CWD2425	F	24-280	.15-25	3-32VDC	10mA @ 5VDC	1VDC	600	42.78	40.77	39.83
558-CWD2450	CWD2450	F	24-280	.15-50	3-32VDC	10mA @ 5VDC	1VDC	850	49.95	47.60	46.50
558-CWD2490	CWD2490	F	24-280	.25-90	3-32VDC	10mA @ 5VDC	1VDC	1350	87.85	83.72	81.20
558-CWD4850	CWD4850	F	48-660	.15-50	4-32VDC	10mA @ 5VDC	1VDC	850	60.60	57.75	56.14
558-CWD48125	CWD48125	F	48-660	.25-125	4-32VDC	10mA @ 5VDC	1VDC	2000	121.20	115.50	112.03
AC											
558-CWA2410	CWA2410	F	24-280	.15-10	90-280Vrms	6mA @ 120Vrms	10Vrms	400	52.51	50.01	48.43
558-CWA2425	CWA2425	F	24-280	.15-25	90-280Vrms	6mA @ 120Vrms	10Vrms	600	45.70	43.55	42.33
558-CWA2450	CWA2450	F	24-280	.15-50	90-280Vrms	6mA @ 120Vrms	10Vrms	850	54.07	51.53	50.09
558-CWA24125	CWA24125	F	24-280	.25-125	90-280Vrms	6mA @ 120Vrms	10Vrms	2000	104.96	100.02	97.23

For quantities greater than listed, call for quote.

DIMENSIONS: in.