

CRYDOM Solid State Relays



This product is RoHS compliant.

CRYDOM HDC SERIES - PANEL MOUNT SOLID STATE RELAYS

Features:

- Low On-State Voltage Drop
- Output Ratings from 120A to 160A @ 150VDC
- LED Status Indicator
- PWM to 1K Hz
- μ S Turn-On and Off-Times
- AC or DC Control



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Crydom Part No.	Load Voltage	Control Load Voltage	Current	Price Each		
					1	10	50
558-HDC200A160	HDC200A160	7 to 150VDC	90 to 280VAC	160A	237.23	226.08	209.40
558-HDC200D160	HDC200D160	7 to 150VDC	4 to 32VDC	160A	219.67	209.35	193.91
558-HDC200D120	HDC200D120	7 to 150VDC	4 to 32VDC	120A	194.70	185.55	171.86
558-HDC100D120	HDC100D120	7 to 72VDC	4 to 32VDC	120A	157.72	150.31	139.23
558-HDC100D160	HDC100D160	7 to 72VDC	4 to 32VDC	160A	177.95	169.59	157.08
558-HDC60A120	HDC60A120	7 to 48VDC	90 to 140VAC	120A	155.70	148.38	137.43
558-HDC60D120	HDC60D120	7 to 48VDC	4 to 32VDC	120A	144.17	137.39	127.26
558-HDC60D160	HDC60D160	7 to 48VDC	4 to 32VDC	160A	162.65	155.01	143.58



DIMENSIONS: in.

CRYDOM LVD SERIES - PANEL MOUNT SOLID STATE RELAYS

Features:

- Low Voltage Disconnect
- Output Ratings from 40A to 100A @ 3-75VDC
- Low On-State Resistance FET Output
- Six DC control Ranges Available for 12 and 24VDC Battery Systems
- Compact Encapsulated Panel Mount Package
- Thermal Pad option available

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MOUSER STOCK NO.	Crydom Part No.	Output Voltage	Output Current	Price Each		
				1	10	50
558-LVD75A40	LVD75A40	3 - 75VDC	40 AMP	93.15	88.77	84.69
558-LVD75A80	LVD75A80	3 - 75VDC	80 AMP	115.58	110.15	105.07
558-LVD75B40	LVD75B40	3 - 75VDC	40 AMP	93.15	88.77	84.69
558-LVD75B80	LVD75B80	3 - 75VDC	80 AMP	115.58	110.15	105.07
558-LVD75D40	LVD75D40	3 - 75VDC	40 AMP	94.88	90.42	86.25
558-LVD75D80	LVD75D80	3 - 75VDC	80 AMP	117.29	111.78	106.63



CRYDOM CL SERIES PANEL MOUNTED GENERAL PURPOSE AC SOLID STATE RELAYS

Features:

- Ratings of 5A and 10A @ 24-280VAC
- AC or DC control
- Zero-crossing (resistive loads) or random-fire (inductive loads) outputs
- LED status indicator
- Internal output snubber network
- Integrated overvoltage protection



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MOUSER STOCK NO.	Crydom Part No.	Load Voltage	Control Load Voltage	Current	Cover	Price Each		
						1	10	50
558-CL240A05C	CL240A05C	24 to 280VAC	9 to 250VAC	5A	IP00	37.45	33.06	34.05
558-CL240A10	CL240A10	24 to 280VAC	9 to 250VAC	10A	IP00	37.07	32.73	33.71
558-CL240A10C	CL240A10C	24 to 280VAC	9 to 250VAC	10A	IP00	39.17	34.56	35.61
558-CL240D05	CL240D05	24 to 280VAC	3 to 32VDC	5A	IP00	28.47	25.13	25.88
558-CL240D05C	CL240D05C	24 to 280VAC	3 to 32VDC	5A	IP00	30.55	26.95	27.77
558-CL240D10	CL240D10	24 to 280VAC	3 to 32VDC	10A	IP00	30.18	26.64	27.44
558-CL240D10C	CL240D10C	24 to 280VAC	3 to 32VDC	10A	IP00	32.26	28.47	29.33



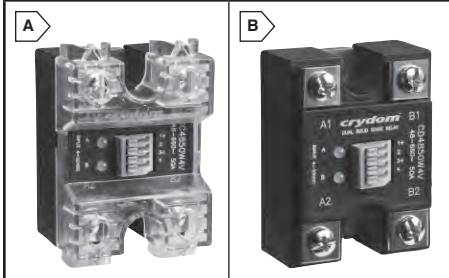
CRYDOM EVOLUTION DUALS

Features:

- Output rating: 25A and 50A per channel @ 40°C
- Operating voltage: 120/240 and 480VAC
- Control input options: 4-15, 15-32 and 4-32VDC
- Four input termination options
- Zero-crossing (resistive loads) or random-fire (inductive loads) outputs
- Input status LED indicator for each channel
- Available with IP20 "Touch-Safe" Covers



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MOUSER STOCK NO.	Crydom Part No.	Fig.	Cover	Operating Voltage (VAC)	Load Current (Amps)	Control Voltage	Price Each		
							1	10	25
558-CC2425W1V	CC2425W1V	A	IP20	24-280	0.15-25	4-32VDC	73.74	70.79	66.37
558-CC2425W2V	CC2425W2V	A	IP20	24-280	0.15-25	4-32VDC	78.16	74.50	70.36
558-CC2425W3V	CC2425W3V	A	IP20	24-280	0.15-25	4-32VDC	78.18	74.51	72.79
558-CC2450W3V	CC2450W3V	A	IP20	24-280	0.15-50	4-32VDC	90.62	86.36	84.32
558-CC4825W1V	CC4825W1V	A	IP20	48-660	0.15-25	4-32VDC	93.95	89.53	87.42
558-CC4825W2U	CC4825W2U	A	IP20	48-660	0.15-25	4-32VDC	96.15	91.63	89.47
558-CC4825W3V	CC4825W3V	A	IP20	48-660	0.15-25	4-32VDC	93.35	89.61	84.01
558-CC4850W1V	CC4850W1V	A	IP20	48-660	0.15-50	4-32VDC	106.38	101.38	99.00
558-CC4850W2V	CC4850W2V	A	IP20	48-660	0.15-50	4-32VDC	108.58	103.48	101.00
558-CC4850W3V	CC4850W3V	A	IP20	48-660	0.15-50	4-32VDC	108.58	103.48	101.00
558-CD2425W1V	CD2425W1V	B	IP00	24-280	0.15-25	4-32VDC	70.62	67.30	65.72
558-CD2425W2V	CD2425W2V	B	IP00	24-280	0.15-25	4-32VDC	70.72	67.89	63.65
558-CD2425W3V	CD2425W3V	B	IP00	24-280	0.15-25	4-32VDC	72.85	69.43	67.80
558-CD2450W2V	CD2450W2V	B	IP00	24-280	0.15-50	4-32VDC	85.28	81.27	79.36
558-CD2450W3V	CD2450W3V	B	IP00	24-280	0.15-25	4-32VDC	82.79	79.48	74.51
558-CD4825W1V	CD4825W1V	B	IP00	48-660	0.15-25	4-32VDC	86.03	82.58	77.43
558-CD4825W2V	CD4825W2V	B	IP00	48-660	0.15-25	4-32VDC	88.17	84.64	79.35
558-CD4825W3V	CD4825W3V	B	IP00	48-660	0.15-25	4-32VDC	90.82	86.55	84.51
558-CD4850W1V	CD4850W1V	B	IP00	48-660	0.15-50	4-32VDC	101.05	96.30	94.04
558-CD4850W2U	CD4850W2U	B	IP00	48-660	0.15-50	4-32VDC	103.27	98.43	96.10
558-CD4850W3U	CD4850W3U	B	IP00	48-660	0.15-50	4-32VDC	103.27	98.43	96.10

For quantities greater than listed, call for quote.

CRYDOM F18 SERIES - SCR/DIODE POWER MODULES

Applications:

- AC Motor Drives
- Appliances
- Battery Charging
- Cathodic Protection
- Converters
- Medical Electronics
- Transportation
- Conveyor Controls
- DC Choppers
- Electroplating
- Elevator Controls
- Heater Controls
- HVAC Controls
- Inverters



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MOUSER STOCK NO.	Crydom Part No.	Terminal Arrangement	Current (Amps)	AC Line Input Voltage (VAC)	Repetitive Peak Reverse (VRRM)	Max Non-Repetitive Surge Current (ITSM)	Price Each			
							1	10	25	50
558-F18107SDK1600	F18107SDK1600	1	105	600	1600	2250	92.08	87.75	85.11	83.71
558-F1827SDK1600	F1827SDK1600	1	25	600	1600	400	85.34	78.48	74.95	70.74
558-F1842SDK1600	F1842SDK1600	1	40	600	1600	1000	88.86	81.72	78.04	73.65
558-F1857HD1600	F1857HD1600	2	55	600	1600	1500	83.75	77.04	73.57	69.44
558-F1892SDK1200	F1892SDK1200	1	90	480	1200	1950	94.71	87.10	83.19	78.50

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