



CRYDOM SOLID STATE RELAYS

WE SEND YOU GENUINE CRYDOM RELAYS NOT SUBSTITUTES!!

- Life Expectancy - 1 Billion Operations
- Superior Thermal and Surge Ratings
- U.L., CSA, and VDE Approved
- AC and DC Wide Control Range

- Opto-Isolated 4000 V(RMS)
- Form A and B output switching
- Zero Cross Switching Standard
- Random Turn-on Relays Available to Order

ISO-9001
 MANUFACTURED IN A
 QUALITY SYSTEM CERTIFIED
 FACILITY.



General Description

Crydom's Series 1 premium line, solid-state power relays incorporate inverse-parallel SCR output devices in the original standard Crydom package with the same highly reliable, noise-immune drive circuitry that has been a Crydom feature for more than a decade. Snubbers are included for high dv/dt applications and inductive loads, with a choice of models offering zero-voltage switching to reduce high inrush currents and electrical noise or phase controllable models for random turn-on.

The oversized output chips, together with the Crydom optimized thermal management system, allows a narrower band of temperature excursions, resulting in a significant reduction in thermal fatigue, thereby extending relay life. These premium devices are recommended for use in high temperature, highly inductive load situations where the ultimate in thermal and surge performance is required.

DC INPUT MODELS

PART NO.	MAXIMUM CURRENT	LINE VOLTAGE	INPUT VOLTAGE	PRICE EACH	
				1-11	12+
D2410	10A	24-280VAC	3-32VDC	\$37.25	\$35.50
D2425	25A	24-280VAC	3-32VDC	39.75	38.50
D2440	40A	24-280VAC	3-32VDC	42.50	40.65
D2450	50A	24-280VAC	3-32VDC	45.50	43.25
D2475	75A	24-280VAC	3-32VDC	68.60	65.75
D2490	90A	24-280VAC	3-32VDC	75.50	72.25
D24110	110A	24-280VAC	3-32VDC	80.15	76.25
D24125	125A	24-280VAC	3-32VDC	89.75	85.60
D4825	25A	48-530VAC	3-32VDC	48.75	46.50
D4840	40A	48-530VAC	3-32VDC	53.30	50.90
D4850	50A	48-530VAC	3-32VDC	58.15	55.35
D4875	75A	48-530VAC	3-32VDC	83.75	80.40
D4890	90A	48-530VAC	3-32VDC	89.60	85.50
HD48110	110A	48-530VAC	3-32VDC	99.85	95.50
HD48125	125A	48-530VAC	3-32VDC	108.50	103.75

AC INPUT MODELS

PART NO.	MAXIMUM CURRENT	LINE VOLTAGE	INPUT VOLTAGE	PRICE EACH	
				1-11	12+
A2410	10A	24-280VAC	90-280VAC	\$39.10	\$37.40
A2425	25A	24-280VAC	90-280VAC	40.80	39.00
A2440	40A	24-280VAC	90-280VAC	44.15	42.15
A2450	50A	24-280VAC	90-280VAC	46.90	44.10
A2475	75A	24-280VAC	90-280VAC	72.70	69.50
A2490	90A	24-280VAC	90-280VAC	81.55	77.80
A24110	110A	24-280VAC	90-280VAC	88.35	84.35
A24125	125A	24-280VAC	90-280VAC	93.80	89.50
A4825	25A	48-530VAC	90-280VAC	52.80	50.45
A4840	40A	48-530VAC	90-280VAC	57.30	54.85
A4850	50A	48-530VAC	90-280VAC	59.50	56.85
A4875	75A	48-530VAC	90-280VAC	86.00	82.20
A4890	90A	48-530VAC	90-280VAC	91.70	87.60
HA48110	110A	48-530VAC	90-280VAC	104.20	99.65
HA48125	125A	48-530VAC	90-280VAC	116.50	111.50

ALWAYS USE A HEAT SINK AND HEAT SINK COMPOUND BETWEEN THE RELAY AND HEAT SINK FOR PROPER HEAT DISSIPATION. HEAT SINKS AND HEAT SINK COMPOUND AVAILABLE - SEE BEYOND.



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