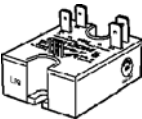


For Complete Product Specifications

► FAX-ON-DEMAND, Call 888-267-9188 for Instant Specs on Your FAX

► www.crydom.com — View and Download Specifications



AC Dual Relays

25-40 Amp; 120/240, 480 VAC

- Zero Voltage and Random Turn-On Switching
- SCR Output, Industry Standard Package
- UL, CSA, VDE Approved
- FAX-ON-DEMAND — Code: 165

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. Model choices include zero-voltage or random turn-on (phase controllable) switching. **Operating Temperature Range:** -40°C to 80°C. **Isolation Voltage (Vrms):** 4000. **Options Available on Special Order:** Non-zero cross, instantaneous turn-on.

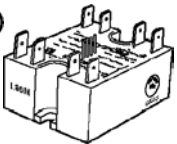
DC Control

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-2397	D2425D	24-280	0.15-25	4-15	250	55.72
682-2398	D2440D	24-280	0.15-40	4-15	625	62.70
682-4133	H12D2425D	48-530	0.15-25	4-15	250	65.90
682-4134	H12D2440D	48-530	0.15-40	4-15	625	71.00

AC Quad Relay

20 Amp; 120/240 VAC; AC Output

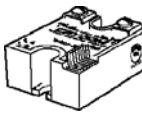
- Zero Voltage and Random Turn-On Switching
- Triac Output, Industry Standard Package
- UL, CSA Approved
- FAX-ON-DEMAND — Code: 166



Four 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. Model choices include zero-voltage or random turn-on (phase controllable) switching. **Operating Temperature Range:** -40°C to 80°C. **Isolation Voltage (Vrms):** 2500. **Options Available on Special Order:** Non-zero cross, instantaneous turn-on.

DC Control

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-2399	TD2420Q	24-280	0.15-20	4-15	250	81.67



AC Series SMR

25-90 Amp; 120/240 VAC; AC Output

- System Monitoring SSR
- Alarm Output, LED Status Indicators
- UL, CSA, VDE Approved
- FAX-ON-DEMAND — Code: 154

The SMR Series of system monitoring relays offer the user a number of fault condition alarms. Loss of voltage, open circuit load, damaged relay output and loss of DC supply current are constantly monitored by this unique solid state relay. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (Vrms):** 4000.

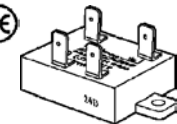
DC Control

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-8101	SMR2425	48-280	0.04-25	8-32	250	46.97
682-8102	SMR2450	48-280	0.04-50	8-32	625	51.80
682-8103	SMR2490	48-280	0.04-90	8-32	1200	77.28

AC Series EZ

10-125 Amp; 120/240, 480 VAC; AC Output

- AC or DC Control, SCR AC Output
- Low Leakage
- UL, CSA, VDE Approved
- FAX-ON-DEMAND — Code: 160



The Series EZ SPST-NO AC output relays offer a low profile package with convenient quick-connect terminals and is the preferred choice for replacement of 120 V and 240 V electromechanical relays. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (Vrms):** 4000 (240 V, DC Control). **Options Available on Special Order:** Internal snubber and random turn-on switching.

AC Control

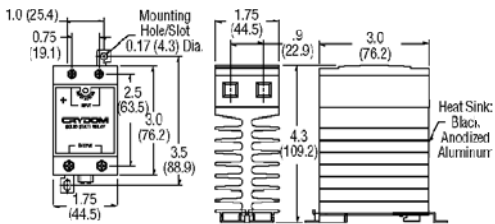
Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VAC)	Surge Current 1-Cycle (Apk)	EACH
682-2360	EZ240A12	24-280	0.15-12	90-140	150	21.98
682-2362	EZ240A18	24-280	0.15-18	90-140	200	22.26
682-4118	EZ480A18	48-660	0.15-18	90-140	200	27.02
682-2364	EZE240A12	24-280	0.15-12	18-36	150	20.70
682-4119	EZE480A12	48-660	0.15-12	18-36	150	22.01

DC Control

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-2352	EZ240D12	24-280	0.15-12	3-15	150	20.92
682-2354	EZ240D18	24-280	0.15-18	3-15	200	20.47
682-4114	EZ480D18	48-660	0.15-18	4-15	200	22.56
682-2356	EZ240D12	24-280	0.15-12	15-32	150	16.10
682-2358	EZE240D18	24-280	0.15-18	15-32	200	20.49
682-4115	EZE480D12	48-660	0.15-12	15-32	150	17.72
682-4116	EZE480D18	48-660	0.15-18	15-32	200	20.70

Series CMRD, CMRA

35-65 Amp, 240, 480, 600 VAC



- DIN Rail/ Surface Mount
- Zero Voltage and Random Turn-On Switching

- UL, CSA, VDE Approved
- FAX-ON-DEMAND — Code: 171

The Series CMRD solid state relays utilize Crydom's proprietary thermal management technology providing a compact and efficient design. Built-in DIN rail attachment, easy-to-use cage type terminals, LED status indicator and heat sink complete the package. The compact design offers up to 65 Arms in ambient temperatures of 25°C. **Temperature Range:** -40°C to 80°C. **Isolation Voltage (Vrms):** 4000. **Options Available on Special Order:** Random turn-on switching type.

AC Control

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range	Surge Current 1-Cycle (Apk)	EACH
682-2444	CMRA2435	24-280	0.15-35	90-140 Vrms	250	52.97
682-2445	CMRA2445	24-280	0.15-45	90-140 Vrms	625	56.78
682-2446	CMRA2455	24-280	0.25-55	90-140 Vrms	1000	68.19
682-2447	CMRA2465	24-280	0.25-65	90-140 Vrms	1200	78.34
682-2448	CMRA4835	48-530	0.15-35	90-140 Vrms	250	55.06
682-2449	CMRA4845	48-530	0.15-45	90-140 Vrms	625	59.02
682-2450	CMRA4855	48-530	0.25-55	90-140 Vrms	1000	70.90
682-2451	CMRA4865	48-530	0.25-65	90-140 Vrms	1200	81.48

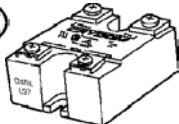
DC Control

682-2435	CMRD2435	24-280	0.15-35	3-32 VDC	250	54.91
682-2436	CMRD2445	24-280	0.15-45	3-32 VDC	625	59.03
682-2439	CMRD4835	48-530	0.15-35	3-32 VDC	250	57.17
682-2441	CMRD4845	48-530	0.15-45	3-32 VDC	625	61.46
682-2442	CMRD4855	48-530	0.25-55	3-32 VDC	1000	74.32
682-2443	CMRD4865	48-530	0.25-65	3-32 VDC	1200	85.76

AC Series HA/HD
AC Series HA60/HD60

12-125 Amp; 480, 600 VAC; AC Output

- AC or DC Control, 1200 Volt Blocking
- Zero Voltage and Random Turn-On Switching
- UL, CSA, VDE Approved
- FAX-ON-DEMAND — Code: 158, 159



Crydom's HA (AC control) and HD (DC control) relays incorporate the same proven technologies as our Series 1. All models come with 1200 V blocking as standard and are available in either zero-cross or random turn-on and phase controllable (-10) switching versions. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (Vrms):** 4000. **Options Available on Special Order:** Non-zero cross, phase controllable and 24 VAC input (18-36 VAC).

AC Control

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VAC)	Surge Current 1-Cycle (Apk)	EACH
682-2332	HA4812	48-530	0.04-12	90-280	140	42.59
682-2334	HA4825	48-530	0.04-25	90-280	250	45.46
682-2336	HA4850	48-530	0.04-50	90-280	625	51.83
682-2338	HA4875	48-530	0.04-75	90-280	1000	66.23
682-2340	HA4890	48-530	0.04-90	90-280	1200	69.12
682-4128	HA48125	48-530	0.04-125	90-280	1750	79.45
682-4129	HA6025*	48-660	0.04-25	90-280	250	39.79
682-4132	HA60125*	48-660	0.04-125	90-280	1750	80.56

*Output marked with nominal 600 VAC line voltage rating, as preferred in Canada.

DC Control

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-2342	HD4812	48-530	0.04-12	3-32	140	37.35
682-2344	HD4825	48-530	0.04-25	3-32	250	36.14
682-2346	HD4850	48-530	0.04-50	3-32	625	44.03
682-2348	HD4875	48-530	0.04-75	3-32	1000	70.17
682-2350	HD4890	48-530	0.04-90	3-32	1200	71.18
682-4121	HD48110	48-530	0.04-110	3-32	1500	71.67
682-4122	HD48125	48-530	0.04-125	3-32	1750	75.88
682-4123	HD6025*	48-660	0.04-25	3-32	250	38.15
682-4124	HD6050*	48-660	0.04-50	3-32	625	42.48
682-4125	HD6090*	48-660	0.04-90	3-32	1200	56.00
682-4126	HD60125*	48-660	0.04-125	3-32	1750	78.92

*Output marked with nominal 600 VAC line voltage rating, as preferred in Canada.