

For Complete Product Specifications

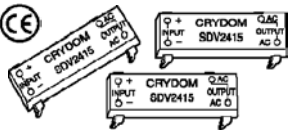
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AC Series SDV, SDI, DPA

1-1.5 Amp; 120, 240 VAC; 16 Pin DIP Package

- High-Density, DC Control, SCR Output
- Switching: Zero-Cross, Random Turn-On (R Suffix)
- Dimensions (L × W × H): 0.85" × 0.265" × 0.19" (21.6 × 6.7 × 4.8 mm)
- UL, CSA, VDE Approved
- FAX-ON-DEMAND — Code: 101, 102



This series of compact 16 pin DIP solid state relays are rated at 1.0 - 1.5 amp RMS at ambient temperatures up to 40 °C. The package is perfect for high density printed circuit boards. Your choice of either voltage or current operated versions are offered. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (VAC):** 4000.

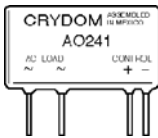
Stock No.	Mfr.'s Type	Operating Voltage Range (Vrms)	Transient Over Voltage (Vp)	Max. Load Current @ 40 °C (Arms)	Control Current Range (VDC)	EACH
682-8104	SDV2415	12-280	600	1.5	3.5-10	7.13
682-4068	DPA4119	20-140	400	1.0	3.5-10	5.15
682-4069	DPA6119	20-280	600	1.0	3.5-10	6.12

Stock No.	Mfr.'s Type	Operating Voltage Range (mA)	Transient Over Voltage (Vp)	Max. Load Current @ 40 °C (Arms)	Control Current Range (mA)	EACH
682-8107	SDI2415R*	12-280	600	1.5	10-50	6.26
682-4070	DPA4111	20-140	400	1.0	10-50	4.26
682-4071	DPA6111	20-280	600	1.0	10-50	5.15

*R Suffix — Random Turn-On Version.

AC Series AO, ASO

1-1.5 Amp; 120, 240 VAC; AC Mini-SIP Package



- DC Control, AC Output
- Triac (AO) or SCR (ASO) Output
- UL, CSA Approved
- Dimensions (L × W × H): 0.95" × 0.20" × 0.50" (24.1 × 5.1 × 12.7 mm)
- FAX-ON-DEMAND — Code: 103

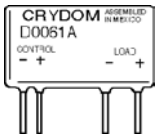
Models AO241/R, ASO241/R and ASO242/R are 1.0 A/1.5 A/2.0 A rated SPST-NO miniature SIP solid state relays. ASO models are designed for switching highly inductive, low current loads such as solenoids. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (VAC):** 2500.

Stock No.	Mfr.'s Type	Line Voltage Range (Vrms)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-2103	AO241	24-280	0.02-1.0	4-10	40	9.13
682-2104	AO241R*	24-280	0.02-1.0	4-10	40	8.25
682-2377	ASO241	12-280	0.01-1.5	4-10	10	7.58
682-4072	ASO242	12-280	0.01-2.0	4-10	40	8.17
682-4073	ASO242R*	12-280	0.01-2.0	4-10	40	8.51

*R Suffix — Random Turn-On Version.

DC Series DO, DMO

1-3.0 Amp; 60, 100 VDC; DC Mini-SIP Package



- DC Control
- Dimensions (L × W × H): 0.95" × 0.20" × 0.50" (24.1 × 5.1 × 12.7 mm)
- Bipolar (DO) or MOSFET (DMO) DC Output
- FAX-ON-DEMAND — Code: 104

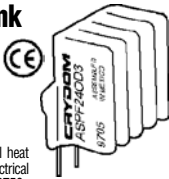
SPST-NO DC output relays in epoxy-coated packages utilize the popular .10" grid lead spacing. They are available with either bipolar transistor output (DO), or the DMO063 with MOSFET output is rated at 3A/60 VDC. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (VAC):** DO — 4000, DMO — 2500.

Stock No.	Mfr.'s Type	Line Voltage Range (VDC)	Load Current Range (ADC)	Control Voltage Range (VDC)	Surge Current 1-Sec. (Apk)	EACH
682-2101	DO061A	3-60	0.02-1.0	3.0-9	5.0	8.25
682-2102	DO061B	3-60	0.02-1.0	1.7-9	5.0	8.25
682-2374	DMO063	0-60	0-3.0	3.0-10	12.0	14.41

AC Series ASPF PowerFin — Integral Heat Sink

3 Amp; 120, 240 VAC; AC Mini-SIP Package

- DC Control, AC Output
- SCR Output , Crydom's Patented PowerFin Design
- UL, CSA Approved
- FAX-ON-DEMAND — Code: 113



The Series ASPF incorporates Crydom's patented PowerFin™ design technology with integral heat sink. Rated at 3 amps up to 45°C, this SPST-NO AC output SSR is designed for precise electrical power applications. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (Vrms):** 3750.

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-4074	ASPF241	24-280	0.1-3.0	4-10	30	9.96

AC Series MPF PowerFin — Integral Heat Sink

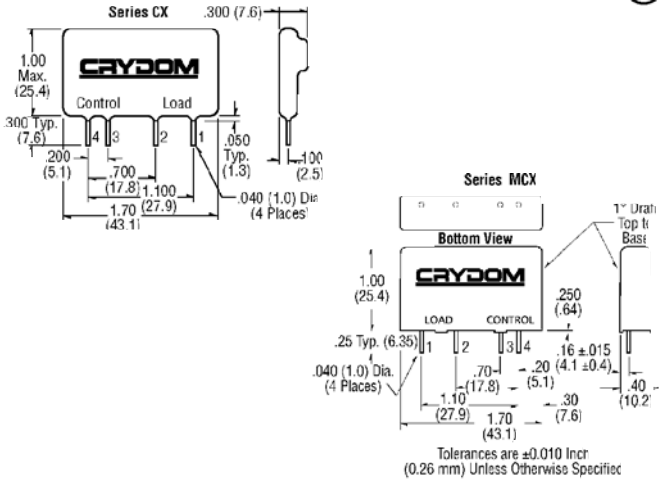
4 Amp; 120, 240 VAC; AC Output, SIP Package

- Integral Heat Sink for High Ratings
- SCR Output , Crydom's Patented PowerFin Design
- UL, CSA Approved
- FAX-ON-DEMAND — Code: 114

The Series MPF SSR offers Crydom's patented PowerFin™ design technology with integral heat sink. This economical SSR is rated at 4 amps up to 45 °C, this low profile SIP has the same pin-out as the popular Series CX. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (Vrms):** 3750.

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-4076	MPF240D4	12-280	0.1-4.0	4-10	40	9.13

AC Series CX, MCX



5 Amp; 120, 240, 380, 480 VAC; AC SIP Package

- AC or DC Control, SCR Output
- Ultra-High Surge Rating
- UL, CSA, VDE Approved
- FAX-ON-DEMAND — Code: 107, 108

Crydom's family of SPST-NO relays achieves one of the highest power switching capability in a PC-mounted air-cooled package. Advanced features include exceptional steady state current, plus ultra-high surge ratings. **Operating Temperature Range:** -30°C to 80°C. **Isolation Voltage (VAC):** 4000. **Available Option:** -B — Normally closed (CX240D5 only). **M Series:** MP packaging (relay is inserted into plastic case filled with epoxy).

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range	Surge Current 1-Cycle (Apk)	EACH
682-2387	CX240A5	12-280	0.06-5.0	90-140 VAC	250	10.18
682-2388	CX240A5R*	12-280	0.06-5.0	90-140 VAC	250	10.18
682-2389	CXE240A5	12-280	0.06-5.0	18-36 VAC	250	11.61

Stock No.	Mfr.'s Type	Line Voltage Range (VDC)	Load Current Range (ADC)	Control Voltage Range (VDC)	Surge Current 1-Sec. (Apk)	EACH
682-2105	CX240D5	12-280	0.06-5.0	3-15 VDC	250	10.29
682-2106	CX240D5R	12-280	0.06-5.0	3-15 VDC	250	12.74
682-2381	CXE240D5	12-280	0.06-5.0	15-32 VDC	250	9.11
682-2382	CXE240D5R*	12-280	0.06-5.0	15-32 VDC	250	11.39
682-2383	CX380D5	48-530	0.06-5.0	4-15 VDC	250	11.62
682-2385	CX480D5	48-660	0.06-5.0	4-15 VDC	250	12.76
682-2386	CXE480D5	48-660	0.06-5.0	15-32 VDC	250	12.76
682-2492	MCX380D5	48-530	0.06-5.0	4-15 VDC	250	12.68

*R suffix — random turn-on version.