

For Complete Product Specifications

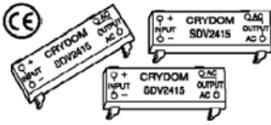
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AC Series SDV, SDI, DPA

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 x W x H): 0.85" x 0.265" x 0.19" (21.6 x 6.7 x 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.

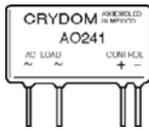
| Stock No. | Mfr.'s Type | Operating Voltage Range (Vrms) | Transient Over Voltage (Vp) | Max. Load Current @ 40°C (Arms) | Control Voltage Range (VDC) | EACH |
|-----------|-------------|--------------------------------|-----------------------------|---------------------------------|-----------------------------|------|
| 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 Voltage 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 x W x H): 0.95" x 0.20" x 0.50"
- FAX-ON-DEMAND — Code: 103

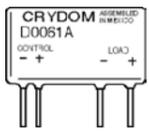
Models AO241/R, ASO241/R and ASO242/R are 1.0 A/1.5 A/2.0 A rated SPST-NO miniature SIP solid state relays. ASO models are designed for switching highly inductive, low current loads such as solenoids. Operating Temperature Range: -30°C to 80°C. Isolation Voltage (VAC): 2500.

| 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 x W x H): 0.95" x 0.20" x 0.50"

- Bipolar (DO) or MOSFET (DMO) DC Output
- FAX-ON-DEMAND — Code: 104

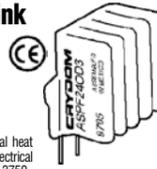
SPST-NO DC output relays in epoxy-coated packages utilize the popular .10" grid lead spacing. They are available with either bipolar transistor output (DO), or the DMO63 with MOSFET output is rated at 3A/60 VDC. Operating Temperature Range: -30°C to 80°C. Isolation Voltage (VAC): DO — 4000, DMO — 2500.

| 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

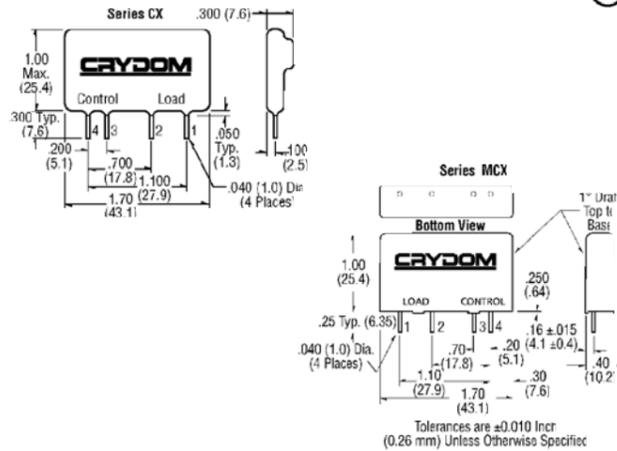
4 Amp; 120, 240 VAC; AC Output, SIP Package

- 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.