

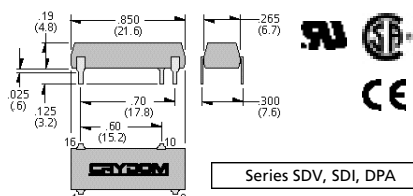
PCB Mount SSRs

SERIES SDV, SDI, DPA

1-1.5 Amp • 120/240Vac • 16 PIN DIP Package

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.

- High-Density, DC Control, SCR Output
- Switching: Zero-Cross, Random Turn-On



Type	Operating Voltage Range (Vrms)	Transient Over Voltage (Vp)	Max. Load Current @ 40°C (Arms)	Control Voltage Range (Vdc)
SDV2415	12-280	600	1.5	3.5-10
SDV2415R*	12-280	600	1.5	3.5-10
DPA4119	20-140	400	1.0	3.5-10
DPA6119	20-280	600	1.0	3.5-10

Type	Operating Voltage Range (mA)	Transient Over Voltage (Vp)	Max. Load Current @ 40°C (Arms)	Control Current Range (mA)
SDI2415	12-280	600	1.5	10-50
SDI2415R*	12-280	600	1.5	10-50
DPA4111	20-140	400	1.0	10-50
DPA6111	20-280	600	1.0	10-50

Operating Temp Range: -30°C to 80°C Isolation Voltage (Vac): 4000
* R suffix - Random Turn-On Version

SERIES AO, ASO

1-2.0 Amp • 120/240Vac • 16 MINI-SIP Package

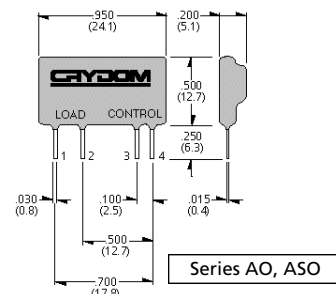
Models AO241/R, ASO241/R and ASO242/R are 1.0A/1.5A/2.0A rated SPST-NO miniature SIP solid state relays. ASO models are designed for switching highly inductive, low current loads such as solenoids.

- DC Control, AC Output
- Triac (AO) or SCR (ASO) Output



Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Cycle (Apk)
AO241	24-280	.02-1.0	4-10	40
AO241R*	24-280	.02-1.0	4-10	40
ASO241	12-280	.01-1.5	4-10	10
ASO241R*	12-280	.01-1.5	4-10	10
ASO242	12-280	.01-2.0	4-10	40
ASO242R*	12-280	.01-2.0	4-10	40

Operating Temp Range: -30°C to 80°C Isolation Voltage (Vac): 2500
* R suffix - Random Turn-On Version



SERIES DO, DMO

1-3.0 Amp • 60, 100Vdc • DC MINI-SIP Package

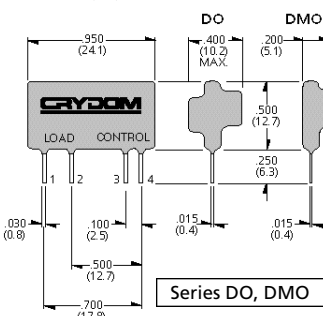
SPST-NO DC output relays in epoxy-coated packages utilize the popular .10" grid lead spacing. They are available with either bipolar transistor output (DO), or the DMO063 with MOSFET output is rated at 3A/60 VDC.

- DC Control
- Bipolar (DO) or MOSFET (DMO) DC Output



Type	Line Voltage Range (Vdc)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Sec (Apk)
DO061A	3-60	.02-1.0	3-9	5.0
DO061B	3-60	.02-1.0	1.7-9	5.0
DMO063	0-60	0-3.0	3-10	12.0

Operating Temp Range: -30°C to 80°C Isolation Voltage (Vac): 4000, 2500 (DMO)
* R suffix - Random Turn-On Version



SERIES CX241, MCX241

1.5 Amp • 120/240Vac • AC SIP Package

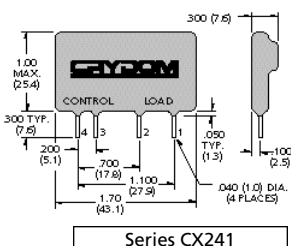
The CX241 AC relays are SPST-NO low profile SIP solid state relays. These models offer the ASO circuit with the popular CX pin-out.

- DC Control, SCR AC Output
- Low Minimum Operating Current



Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Sec (Apk)
CX241	12-280	.01-1.5	4-10	10
CX241R*	12-280	.01-1.5	4-10	10

Operating Temp Range: -30°C to 80°C Isolation Voltage (Vac): 4000
Both models available in the MP package (See Series MP).
Use 'M' Prefix, Example: MCX241 * R suffix - Random Turn-On Version



SERIES ASPF (POWERFIN - INTEGRAL HEATSINK)

3 Amp • 120/240Vac • AC MINI-SIP Package

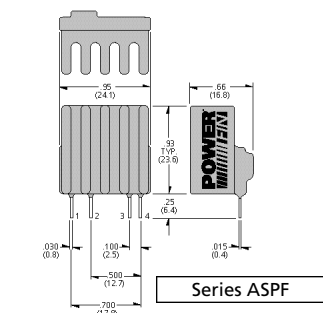
The Series ASPF incorporates Crydom's patented PowerFin™ design technology with integral heat sink. Rated at 3 Amps up to 45°C, this SPST-NO AC output SSR is designed for precise electrical power applications.

- DC Control, AC Output
- SCR Output, Crydom's Patented PowerFin Design



Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Cycle (Apk)
ASPF241	24-280	0.1-3.0	4-10	30
ASPF241R*	24-280	0.1-3.0	4-10	30

Operating Temp Range: -30°C to 80°C Isolation Voltage (Vrms): 3750
* R suffix - Random Turn-On Version



SERIES CMX

5-10 Amp • 60-100Vdc • DC SIP Package

DC output SPST-NO solid state relays use MOSFET output for high switching capabilities in a PC-mount air-cooled package. Pinouts are compatible with Series 6 and ODC type I/O modules.

- DC Control, DC Output -MOSFET
- Extra Low On-State Resistance



Type	Line Voltage Range (Vdc)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 10ms (Apk)
CMX60D5	0-60	0-5	3-10	60
CMX60D10	0-60	0-10	3-10	100
CMX100D6	0-100	0-6	3-10	100

Operating Temp Range: -30°C to 80°C Isolation Voltage (Vrms): 2500
Note: See Series CX for Mechanical Drawing