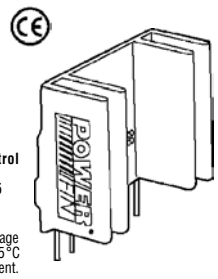
For Complete Product Specifications

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

► www.crydom.com — View and Download Specifications

4

AC Series PF
PowerFin™ — Integral Heat Sink



Up to 25 Amp; 120/240, 380, 480 VAC; AC SIP

► AC or DC Control, SCR AC Output
► Switching: Zero-Cross, Random Turn-On (R Suffix)
► UL, VDE Approved (DC Control Models Only)
► FAX-ON-DEMAND — Code: 115

Crydom's PowerFin™ series delivers the highest ratings of any single in-line package (SIP). The integral heat sink design can operate at 25 amps RMS in forced air at 85°C case temp. With natural convection in free air, it rates 10 amps RMS at 25°C ambient. **Operating Temperature Range:** –30°C to 80°C. **Isolation Voltage (Vrms):** 2500.

AC Control

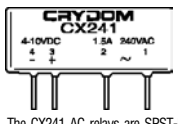
Stock No.	Mfr.'s Type	Line Voltage Range (Vrms)	Load Current Range (Arms)†	Control Voltage Range (VAC)	Surge Current 1-Cycle (Apk)	EACH
682-4139	PF240A25	12-280	0.06-25	90-140	250	**14.34**
682-4140	PFE240A25	12-280	0.06-25	18-36	250	**14.34**
682-4141	PF240A25R*	12-280	0.06-25	90-140	250	**14.34**

*R Suffix — Random Turn-On Version. †0.06-25 in forced air, heat sink 85°C max, 0.06-10 natural convection, free air at 25°C ambient.

DC Control

Stock No.	Mfr.'s Type	Line Voltage Range (Vrms)	Load Current Range (Arms)†	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-2379	PF240D25	12-280	0.06-25	3-15	250	**13.26**
682-2380	PFE240D25	12-280	0.06-25	15-32	250	**13.26**
682-2481	PF240D25R*	12-280	0.06-25	3-15	250	**13.26**
682-2482	PFE240D25R*	12-280	0.06-25	15-32	250	**13.26**
682-4135	PF380D25	48-530	0.06-25	4-15	250	**13.50**
682-4137	PF480D25	48-660	0.06-25	4-15	250	**13.50**

*R Suffix — Random Turn-On Version. †0.06-25 in forced air, heat sink 85°C max, 0.06-10 natural convection, free air at 25°C ambient.



AC Series CX241, MCX241

1.5 Amp; 120, 240 VAC • AC SIP Package

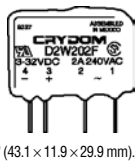
► DC Control, SCR AC Output
► Low Minimum Operating Current
► UL, CSA, VDE Approved
► FAX-ON-DEMAND — Code: 105, 106

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. **Operating Temperature 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. **Dimensions (L × W × H):** 1.7" × 0.3" × 0.69" (43.1 × 7.6 × 17.5 mm).

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Sec. (Apk)	EACH
682-3070	CX241	12-280	0.01-1.5	4-10	10	**6.97**
682-3071	CX241R*	12-280	0.01-1.5	4-10	10	**8.25**

*R Suffix — Random Turn-On Version.

AC Series D2W

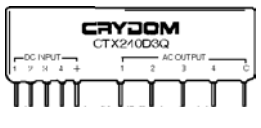


2-3.5 Amp; 120/240 VAC • AC SIP

► DC Control, AC Output
► Triac Output
► UL, CSA Approved
► FAX-ON-DEMAND — Code: 116

The D2W Series features an epoxy-coated package that provides exceptional environmental protection. Pinouts are compatible with Series 6 and OAC type I/O modules. **Operating Temperature Range:** –30°C to 80°C. **Isolation Voltage (Vrms):** 2500. **Dimensions (L × W × H):** 1.7" × 0.47" × 1.18" (43.1 × 11.9 × 29.9 mm).

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 1-Cycle (Apk)	EACH
682-0114	D2W202F	24-280	0.06-2.0	3-32	28	**8.68**
682-0115	D2W203F	24-280	0.06-3.0	3-32	70	**9.67**
682-0116	D2W203F-11	24-280	0.06-3.5	3-32	80	**10.14**



AC Series CTX

4 × 2.5 Amp; 120/240 VAC; AC SIP Package

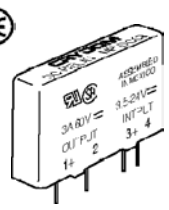
► Four AC Relays in One Compact PCB Package
► TRIAC Output
► FAX-ON-DEMAND — Code: 110

The CTX240D3Q offers four independently controlled SSRs in one compact PCB mount package. Based on the Series CX line, offers ultra high surge rating, extra low leakage and 4-10 VDC logic compatible input. **Operating Temperature Range:** –30°C to 80°C. **Isolation Voltage (Vrms):** 2500. **Dimensions (L × W × H):** 3.3" × 0.25" × 1.0" (83.8 × 6.4 × 25.4 mm).

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 10 mS (Apk)	EACH
682-2328	CTX240D3Q	24-280	0.1-6.0*	4-10	120	**36.05**
682-2330	CTX240D3QR	24-280	0.1-6.0*	4-10	120	**36.05**

*1 section on — 0.1-6.0, 2 sections on — 0.1-4.0, 3 sections on — 0.1-3.0, 4 sections on: 0.1-2.5.

AC Series MP, PX



3-4 Amp; 120, 240 VAC; AC Output

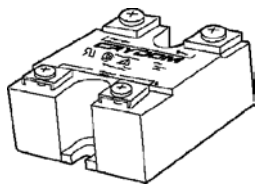
► Opto-Isolated 4000 Vrms
► Compatible with 5, 15 and 24 V Logic Systems
► UL, VDE Approved
► FAX-ON-DEMAND — Code: 111, 112

Available in 3 Arms and 4 Arms ratings, all are SPST-NO PC-mount relays that provide greater packaging density and compatibility with pin out of Series 6 and OAC output modules. Internal snubber included. **Operating Temperature Range:** –30°C to 80°C. **Isolation Voltage (Vrms):** 4000. PX models available in the MP package (see Series MP). **Dimensions (L × W × H):** 1.7" × 0.4" × 1.0" (43.1 × 10.2 × 25.4 mm).

Stock No.	Mfr.'s Type	Line Voltage Range (VAC)	Load Current Range (Arms)	Control Voltage Range (VDC)	Surge Current 10 mS (Apk)	EACH
682-2316	MP120D3	12-140	0.02-3.0	3-32	90	**16.67**
682-2318	MP240D3	24-280	0.02-3.0	3-32	90	**16.67**
682-2320	MP240D4	24-280	0.02-4.0	3-32	130	**17.14**
682-4143	PX240D5	12-280	0.06-5.0	3-32	250	**9.10**

AC Series 1

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



► AC or DC Control, SCR AC Output
► Zero Voltage and Random Turn-On Switching
► UL, CSA, VDE Approved
► FAX-ON-DEMAND — Code: 151, 152

Featuring state-of-the-art surface mount technology, these SPST-NO relays deliver proven reliability in the most demanding applications. Output consists of an SCR AC switch with internal snubber and is available in zero-cross, random turn-on (phase controllable) versions with either AC or DC input (coil) control. **Operating Temperature Range:** –30°C to 80°C. **Isolation Voltage (Vrms):** 4000. **Options Available on Special Order:** Normally closed (Form B), 400 Hz operation 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
682-0002	A1210	24-140	0.04-10	90-280	120.0	**33.79**
682-0003	A1225	24-140	0.04-25	90-280	250.0	**33.26**
682-0004	A1240	24-140	0.04-40	90-280	625.0	**36.02**
682-0005	A2402	24-280	0.04-2.5	90-280	22.5	**23.44**
682-0006	A2410	24-280	0.04-10	90-280	120.0	**32.53**
682-0007	A2425	24-280	0.04-25	90-280	250.0	**33.10**
682-0008	A2440	24-280	0.04-40	90-280	625.0	**35.80**
682-0009	A2450	24-280	0.04-50	90-280	625.0	**37.55**
682-0010	A2475	24-280	0.04-75	90-280	1000.0	**60.42**
682-2391	A2490	24-280	0.04-90	90-280	1200.0	**66.25**
682-2312	A24125	24-280	0.04-125	90-280	1750.0	**76.17**
682-0012	A4812	80-530	0.04-12	90-280	140.0	**41.32**
682-0013	A4825	80-530	0.04-25	90-280	250.0	**44.03**
682-0014	A4840	80-530	0.04-40	90-280	625.0	**48.33**
682-0015	A4850	80-530	0.04-50	90-280	625.0	**49.17**
682-0016	A4875	80-530	0.04-75	90-280	1000.0	**67.16**
682-0017	A4890	80-530	0.04-90	90-280	1200.0	**73.57**

*Non-Zero Cross, Phase Controllable.

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
682-0018	D1202	24-140	0.04-2.5	3-32	22.5	**18.25**
682-0019	D1210	24-140	0.04-10	3-32	120.0	**26.89**
682-0020	D1225	24-140	0.04-25	3-32	250.0	**27.32**
682-0021	D1240	24-140	0.04-40	3-32	625.0	**34.00**
682-1241	D1240-B	24-140	0.04-40	3-32	625.0	**33.20**
682-0023	D2410	24-280	0.04-10	3-32	120.0	**33.10**
682-0024	D2425	24-280	0.04-25	3-32	250.0	**28.77**
682-0025	D2440	24-280	0.04-40	3-32	625.0	**34.86**
682-0026	D2450	24-280	0.04-50	3-32	625.0	**35.01**
682-0027	D2475	24-280	0.04-75	3-32	1000.0	**57.44**
682-0142	D2490	24-280	0.04-90	3-32	1200.0	**63.18**
682-2300	D24110	24-280	0.04-110	3-32	1500.0	**76.32**
682-2302	D24110-10*	24-280	0.04-110	3-32	1500.0	**71.33**
682-2304	D24125	24-280	0.04-125	3-32	1750.0	**72.68**
682-2306	D24125-10*	24-280	0.04-125	3-32	1750.0	**75.32**
682-0029	D4812	80-530	0.04-12	3-32	140.0	**36.29**
682-0030	D4825	80-530	0.04-25	3-32	250.0	**38.51**
682-0031	D4840	80-530	0.04-40	3-32	625.0	**41.56**
682-0032	D4850	80-530	0.04-50	3-32	625.0	**39.41**
682-0033	D4875	80-530	0.04-75	3-32	1000.0	**61.38**
682-0034	D4890	80-530	0.04-90	3-32	1200.0	**69.17**
682-4890	D4890-10	80-530	0.04-90	3-32	1200.0	**71.67**

*Non-Zero Cross, Phase Controllable.