

For Complete Product Specifications

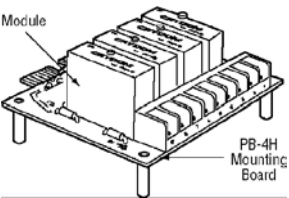
► FAX-ON-DEMAND, Call 888-267-9188 for Instant Specs on Your FAX

► [www.crydom.com](#) — View and Download Specifications

Series IAC, IDC, OAC, ODC Solid State Opto-Isolated Modules

► FAX-ON-DEMAND — Code: 301, 302

Crydom I/O modules deliver electrically clean, photo-isolated, noise-free "output" interface from logic level control systems to external loads such as motors, valves, solenoids, etc. — or an "input" interface from the load or sensors to microprocessor or computer-based logic level systems. Designed for long, reliable service in demanding industrial environments. **Operating Temperature Range:** -40°C to 80°C. **Isolation Voltage (Vrms):** 4000.



5 VDC Models

Stock No.	Mfr.'s Type	Voltage Type	Output Load Current Over Load Voltage	Input Voltage Range	Input Max. Load Current (mA)	EACH
682-1000	IAC5	AC, DC In	0.10-100 mA @ 0.4-30 VDC	90-140 VAC	10	10.32
682-1002	IAC5A	AC, DC In	0.10-100 mA @ 0.4-30 VDC	180-280 VAC	7	10.84
682-1004	IDC5	DC In	0.10-100 mA @ 0.4-30 VDC	10-36 VDC	13	7.46
682-1007	IDC5D	DC In	0.01-50 mA @ 0.30 VDC	3-32 VDC	32	10.30
682-1010	OAC5	AC Out	0.02-3 A @ 12-280 VAC	3-6 VDC	20	9.93
682-1012	OAC5A	AC Out	0.02-3 A @ 12-280 VAC	3-6 VDC	20	8.75
682-1014	ODC5	DC Out	0.02-3 A @ 5-60 VDC	3-6 VDC	14	7.45
682-1016	ODC5A	DC Out	0.02-1 A @ 10-200 VDC	3-6 VDC	14	15.22

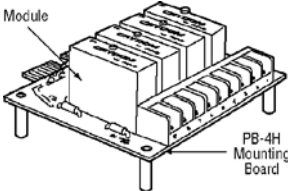
15 VDC Models

682-1018	IAC15	AC, DC In	0.10-100 mA @ 0.4-30 VDC	90-140 VAC	—	10.30
682-1020	IAC15A	AC, DC In	0.10-100 mA @ 0.4-30 VDC	180-280 VAC	—	9.91
682-1022	IDC15	DC In	0.10-100 mA @ 0.4-30 VDC	10-36 VDC	—	10.39
682-1024	OAC15	AC Out	0.02-3 A @ 12-280 VAC	9-18 VDC	—	10.30
682-1028	ODC15	DC Out	0.02-3 A @ 5-60 VDC	9-18 VDC	—	9.24
682-1030	ODC15A	DC Out	0.02-1 A @ 10-200 VAC	9-18 VDC	—	12.04

24 VDC Models

682-1032	IAC24	AC, DC In	0.10-100 mA @ 0.4-30 VDC	90-140 VAC	10	10.30
682-1034	IDC24	DC In	0.10-100 mA @ 0.4-30 VDC	10-36 VDC	13	9.24
682-1036	OAC24	AC Out	0.02-3 A @ 12-280 VAC	18-28 VDC	17	10.30
682-1038	OAC24A	AC Out	0.02-3 A @ 12-280 VAC	18-28 VDC	17	9.60
682-1040	ODC24	DC Out	0.02-3 A @ 5-60 VDC	18-28 VDC	12	13.65
682-1042	ODC24A	DC Out	0.02-1 A @ 10-200 VAC	18-28 VDC	12	12.42

Series 6 AC And DC Microprocessor I/O Modules



5 V and 15 V Logic

► Inverting and Non-Inverting Inputs
► Printed Circuit Board Mounting

► UL, CSA Approved
► FAX-ON-DEMAND — Code: 305

Series 6 buffered output modules contain additional internal amplification to reduce drive requirements to a level suitable for the MOS devices used in many microprocessor systems. Models are available with either inverting or non-inverting inputs, for 5 and 15 volt logic. **Operating Temperature Range:** -40°C to 80°C. **Isolation Voltage (Vrms):** 4000.

Standard I/O Modules (5 Volt Models)

Stock No.	Mfr.'s Type	Voltage Type	Input Current vs. Voltage	Max. Load Voltage	Max. Load Current	EACH
682-0117	6101A*	DC In	7 mA @ 32 VDC	30 VDC	25.0 mA @ 80°C	11.36
682-0118	6201A*	AC In	6 mA @ 120 VAC	30 VDC	25.0 mA @ 80°C	10.44
682-0119	6202A*	AC In	6 mA @ 240 VAC	30 VDC	25.0 mA @ 80°C	12.26
682-0120	6301A*	DC Out	15 mA @ 5 VDC	60 VDC	3.0 ADC @ 45°C	11.56
682-0121	6401A*	AC Out	15 mA @ 5 VDC	140 VAC	3.0 Arms @ 45°C	10.87
682-0122	6402A*	AC Out	15 mA @ 5 VDC	280 VAC	3.0 Arms @ 45°C	12.06
682-0125	6302	DC Out	12 mA @ 5 VDC	200 VDC	1.5 A @ 45°C	17.51

Buffered Output Modules (5 Volt Models)

682-0126	6311	DC Out	75 µA @ 0.8 VDC	60 VDC	3.5 ADC @ 45°C	18.16
682-0127	6321	DC Out	75 µA @ 2.4 VDC	60 VDC	3.5 ADC @ 45°C	18.35
682-0128	6411	AC Out	75 µA @ 0.8 VDC	140 VAC	3.5 Arms @ 45°C	18.00
682-0129	6412	AC Out	75 µA @ 0.8 VDC	280 VAC	3.5 Arms @ 45°C	18.45
682-0130	6421	AC Out	75 µA @ 2.4 VDC	140 VAC	3.5 Arms @ 45°C	18.57
682-0131	6422	AC Out	75 µA @ 2.4 VDC	280 VAC	3.5 Arms @ 45°C	17.95

*In compliance with NEMA 2-230 (noise immunity).

Solid State Relay Handbook

► Over 200 Pages
► Written by Anthony Bishop

► Detailed Reference on SSR Applications

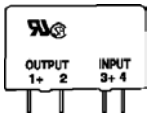
A comprehensive tutorial and SSR resource guide.

682-2000. HDBK-899EACH 21.17

Series MIAC, MIDC, MOAC, MODC MINI-PACK Solid State Opto-Isolated Modules

► FAX-ON-DEMAND — Code: 301, 302

The same excellent Crydom I/O module performance that delivers electrically clean, photo-isolated, noise-free "output" interface in a compact MINI-PACK. Designed for long, reliable service in demanding industrial environments. **Operating Temperature Range:** -40°C to 80°C. **Isolation Voltage (Vrms):** 4000.



5 VDC Models

Stock No.	Mfr.'s Type	Voltage Type	Output Load Current Over Load Voltage	Input Voltage Range	Input Max. Load Current (mA)	EACH
682-8108	MIAC5	AC, DC In	0.10-100 mA @ 0.4-30 VDC	90-140 VAC	10	7.51
682-8113	MIDC5	DC In	0.10-100 mA @ 0.4-30 VDC	10-36 VDC	13	9.91
682-8123	MOAC5	AC Out	0.02-3 A @ 12-280 VAC	3-6 VDC	20	7.51
682-8124	MOAC5A	AC Out	0.02-3 A @ 12-280 VAC	3-6 VDC	20	8.40
682-8117	MODC5	DC Out	0.02-3 A @ 5-60 VDC	3-6 VDC	14	7.45
682-8118	MODC5A	DC Out	0.02-1 A @ 10-200 VDC	3-6 VDC	14	15.31

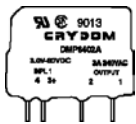
15 VDC Models

682-8110	MIAC15	AC, DC In	0.10-100 mA @ 0.4-30 VDC	90-140 VAC	—	9.91
682-8115	MIDC15	DC In	0.10-100 mA @ 0.4-30 VDC	10-36 VDC	—	9.91
682-8125	MOAC15	AC Out	0.02-3 A @ 12-280 VAC	9-18 VDC	—	8.41
682-8119	MODC15	DC Out	0.02-3 A @ 5-60 VDC	9-18 VDC	—	9.91

24 VDC Models

682-8116	MIDC24	DC In	0.10-100 mA @ 0.4-30 VDC	10-36 VDC	13	9.91
682-8126	MOAC24	AC Out	0.02-3 A @ 12-280 VAC	18-28 VDC	17	8.89
682-8121	MODC24	DC Out	0.02-3 A @ 5-60 VDC	18-28 VDC	12	8.48

Series DMP AC and DC Microprocessor I/O Modules



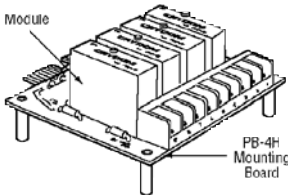
► Epoxy Conformal Coated
► UL, CSA Approved

► FAX-ON-DEMAND — Code: 303

Electrically identical to Crydom I/O modules, these AC and DC I/O modules are packaged in a hard, skin-tight epoxy conformal coating for excellent environmental protection and heat transfer. Pin-out matches Series 6. **Operating Temperature Range:** -40°C to 80°C. **Isolation Voltage (Vrms):** 4000.

Stock No.	Mfr.'s Type	Voltage Type	Input Current vs. Voltage	Max. Load Voltage	Max. Load Current	EACH
682-0132	DMP6101A	DC In	7 mA @ 32 VDC	30 VDC	25 mA @ 80°C	9.32
682-0133	DMP6201A	AC In	6 mA @ 120 VAC	30 VDC	25 mA @ 80°C	9.54
682-0134	DMP6202A	AC In	6 mA @ 240 VAC	30 VDC	25 mA @ 80°C	10.55
682-0135	DMP6301A	DC Out	15 mA @ 5 VDC	60 VDC	3 ADC @ 45°C	9.65
682-0136	DMP6402A	AC Out	15 mA @ 5 VDC	280 VAC	3 Arms @ 45°C	10.55

Series PB Mounting Boards



► FAX-ON-DEMAND — Code: 306

Crydom mounting boards accept standard I/O modules in any combination of input or output types. Modules are easily and quickly inserted without disturbing field wiring. **Features Include:** LED status indicator, plug-in 5 amp fuse and 3.3 K Ohm pull-up resistor for each module.

Stock No.	Mfr.'s Type	Module Positions I/O Channels	Connection Type	EACH
682-3041	PB-4 (MS-4)	4	Screw Terminal	30.30
682-3042	PB-4H (MS-4H)	4	26, 50 Pin Card Edge	33.08
682-9996	PB-4R	4	Screw Terminal	36.52
682-4158	PB-8 (MS-8H)	8	26, 50 Pin Card Edge	59.58
682-4159	PB-16A (MS-16H)	16	50 Pin Card Edge	108.93
682-4160	PB-16T	16	Screw Terminal	138.10
682-4161	PB-24 (MS-24H)	24	50 Pin Card Edge	184.25