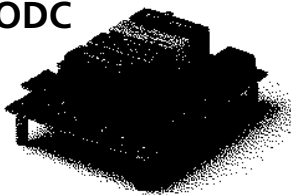


SERIES IAC, IDC, OAC, ODC

SOLID STATE OPTO-ISOLATED MODULES

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.



5Vdc, 15Vdc, 24Vdc System Voltages

Type	Voltage Type	Output Load Current Over Load Voltage	Input Voltage Range	Input Max. Load Current (mA)
IAC-5	AC, DC In	.1-100mA@.4-30Vdc	90-140Vac	10
IAC-5A	AC, DC In	.1-100mA@.4-30Vdc	180-280Vac	7
IDC-5	DC In	.1-100mA@.4-30Vdc	10-36Vdc	13
IDC-5B	DC In	.1-100mA@.4-30Vdc	4-16Vdc	20
IAC-5D	DC In	.1-100mA@.4-30Vdc	3-32Vdc	12
OAC-5A	AC Out	.02-3A@12-280Vac	3-6Vdc	20
OAC-5A	AC Out	.02-3A@12-280Vac	3-6Vdc	20
OAC-5A	DC Out	.02-3A@5-60Vdc	3-6Vdc	14
OAC-5A	DC Out	.02-1A@10-200Vdc	3-6Vdc	14

Type	Voltage Type	Output Load Current Over Load Voltage	Input Voltage Range	Input Max. Load Current (mA)
IAC-15	AC, DC In	.1-100mA@.4-30Vdc	90-140Vac	--
IAC-15A	AC, DC In	.1-100mA@.4-30Vdc	180-280Vac	--
IDC-15	DC In	.1-100mA@.4-30Vdc	10-36Vdc	--
ODC-5B	AC Out	.02-3A@12-280Vac	9-18Vdc	--
OAC-15A	AC Out	.02-3A@12-280Vac	9-18Vdc	--
ODC-15	DC Out	.02-3A@5-60Vdc	9-18Vdc	--
ODC-15A	DC Out	.02-1A@10-200Vdc	9-18Vdc	--

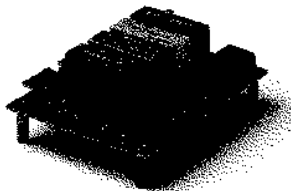
Type	Voltage Type	Output Load Current Over Load Voltage	Input Voltage Range	Input Max. Load Current (mA)
IAC-24	AC, DC In	.1-100mA@.4-30Vdc	90-140Vac	10
IDC-24	DC In	.1-100mA@.4-30Vdc	10-36Vdc	13
OAC-24	AC Out	.02-3A@12-280Vac	18-28Vdc	17
OAC-24A	AC Out	.02-3A@12-280Vac	18-28Vdc	17
ODC-24	DC Out	.02-3A@5-60Vdc	18-28Vdc	12
ODC-24	DC Out	.02-1A@10-200Vdc	18-28Vdc	12

Operating Temp Range: -40°C to 80°C Isolation Voltage (Vrms): 4000

SERIES 6

AC & DC MICROPROCESSOR I/O MODULES

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.



5V & 15V Logic

- Inverting & Non-Inverting Inputs
- Printed Circuit Board Mounting

Standard I/O Modules (5 Volt Models)

Type	Voltage Type	Input Current vs. Voltage	Max. Load Voltage	Max. Load Current
6101A*	DC In	7mA@32Vdc	30Vdc	25mA@80°C
6201A*	AC In	6mA@120Vac	30Vdc	25mA@80°C
6202A*	AC In	6mA@240Vac	30Vdc	25mA@80°C
6301A*	DC Out	15mA@5Vdc	60Vdc	3Adc@45°C
6401A*	AC Out	15mA@5Vdc	140Vac	3A RMS@45°C
6402A*	AC Out	15mA@5Vdc	280Vac	3A RMS@45°C
6102	DC In	6mA@180Vdc	30Vdc	25mA@80°C
6200	AC In	6mA@24Vac	30Vdc	25mA@80°C
6302	DC Out	12mA@5Vdc	200Vdc	1.5A@45°C

*In Compliance with NEMA 2-230 (Noise Immunity).

Buffered Output Modules (5 Volt Models)

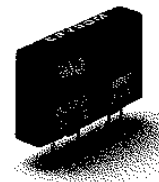
Type	Voltage Type	Input Current vs. Voltage	Max. Load Voltage	Max. Load Current
6311	DC Out	75µA@0.8Vdc	60Vdc	3.5Adc@45°C
6321	DC Out	75µA@2.4Vdc	60Vdc	3.5Adc@45°C
6411	AC Out	75µA@0.8Vdc	140Vac	3.5A RMS@45°C
6412	AC Out	75µA@0.8Vdc	280Vac	3.5A RMS@45°C
6421	AC Out	75µA@2.4Vdc	140Vac	3.5A RMS@45°C
6422	AC Out	75µA@2.4Vdc	280Vac	3.5A RMS@45°C

Operating Temp Range: -40°C to 80°C Isolation Voltage (Vrms): 4000

SERIES MIAC, MIDC, MOAC, MODC

MINI-PACK SOLID STATE OPTO-ISOLATED MODULES

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.



5Vdc, 15Vdc, 24Vdc System Voltages

Type	Voltage Type	Output Load Current Over Load Voltage	Input Voltage Range	Input Max. Load Current (mA)
MIAC-5	AC, DC In	.1-100mA@.4-30Vdc	90-140Vac	10
MIAC-5A	AC, DC In	.1-100mA@.4-30Vdc	180-280Vac	7
MIDC-5	DC In	.1-100mA@.4-30Vdc	10-36Vdc	13
MIDC-5B	DC In	.1-100mA@.4-30Vdc	4-16Vdc	20
MIAC-5D	DC In	.1-100mA@.4-30Vdc	3-32Vdc	12
MOAC-5A	AC Out	.02-3A@12-280Vac	3-6Vdc	20
MOAC-5A	AC Out	.02-3A@12-280Vac	3-6Vdc	20
MOAC-5A	DC Out	.02-3A@5-60Vdc	3-6Vdc	14
MOAC-5A	DC Out	.02-1A@10-200Vdc	3-6Vdc	14

Type	Voltage Type	Output Load Current Over Load Voltage	Input Voltage Range	Input Max. Load Current (mA)
MIAC-15	AC, DC In	.1-100mA@.4-30Vdc	90-140Vac	--
MIAC-15A	AC, DC In	.1-100mA@.4-30Vdc	180-280Vac	--
MIDC-15	DC In	.1-100mA@.4-30Vdc	10-36Vdc	--
MODC-5B	AC Out	.02-3A@12-280Vac	9-18Vdc	--
MOAC-15A	AC Out	.02-3A@12-280Vac	9-18Vdc	--
MODC-15	DC Out	.02-3A@5-60Vdc	9-18Vdc	--
MODC-15A	DC Out	.02-1A@10-200Vdc	9-18Vdc	--

Type	Voltage Type	Output Load Current Over Load Voltage	Input Voltage Range	Input Max. Load Current (mA)
MIAC-24	AC, DC In	.1-100mA@.4-30Vdc	90-140Vac	10
MIDC-24	DC In	.1-100mA@.4-30Vdc	10-36Vdc	13
MOAC-24	AC Out	.02-3A@12-280Vac	18-28Vdc	17
MOAC-24A	AC Out	.02-3A@12-280Vac	18-28Vdc	17
MODC-24	DC Out	.02-3A@5-60Vdc	18-28Vdc	12
MODC-24	DC Out	.02-1A@10-200Vdc	18-28Vdc	12

Operating Temp Range: -40°C to 80°C Isolation Voltage (Vrms): 4000

SERIES DMP

AC & DC MICROPROCESSOR I/O MODULES

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.



► Epoxy Conformal Coated

Type	Voltage Type	Input Current vs. Voltage	Max. Load Voltage	Max. Load Current
DMP6101A	DC In	7mA@32Vdc	30Vdc	25mA@80°C
DMP6201A	AC In	6mA@120Vac	30Vdc	25mA@80°C
DMP6202A	AC In	6mA@240Vac	30Vdc	25mA@80°C
DMP6301A	DC Out	15mA@5Vdc	60Vdc	3Adc@45°C
DMP6402A	AC Out	15mA@5Vdc	280Vac	3A RMS@45°C

Operating Temp Range: -40°C to 80°C Isolation Voltage (Vrms): 4000

SERIES PB

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 5Amp fuse and 3.3K Ohm pull-up resistor for each module.



Type	Module Positions I/O Channels	Connection Type
PB-4 (MS-4)	4	Screw Terminal
PB-4H (MS-4H)	4	26, 50 Pin Card Edge
PB-4R*	4	Screw Terminal
PB-8 (MS-8H)	8	26, 50 Pin Card Edge
PB-16A (MS-16H)	16	50 Pin Card Edge
PB-16T	16	Screw Terminal
PB-24 (MS-24H)	24	50 Pin Card Edge