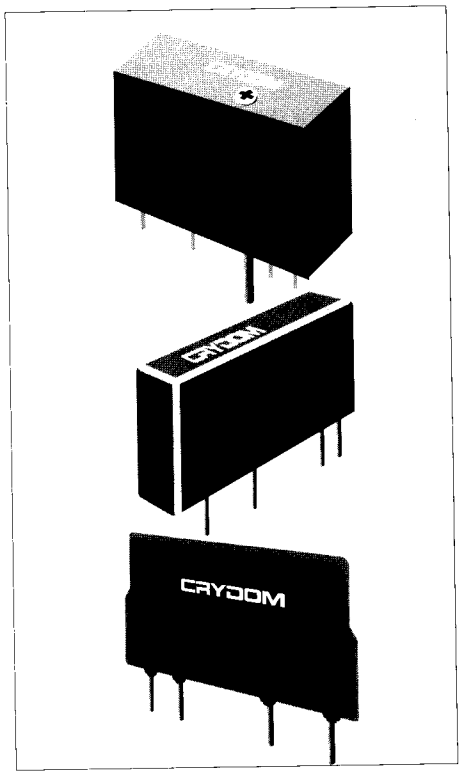
CRYDOM EUROPE



INPUT/OUTPUT MODULES series 6, series DMP series IAC, series MIAC

- ☐ **industry standard board mount**
- ☐ **ac or dc load 3.0A, 280Vac,60-200Vdc**
- ☐ **ac or dc input signals, 280Vac, 36Vdc**
- ☐ **5V,15V,24V systems**

Input/Output modules interface between logic and power circuits in industrial systems permitting control of motors,valves, contactors and other ac or dc loads and the feedback of the status of such loads and other relevant system conditions. IAC/IDC/OAC/ODC series are industry standard units housed in a colour-coded package with hold-down screw. MIAC.. series are electrically identical housed in miniature packages for greater mounting density Series 6 are Crydom premium series similarly rated to IAC.. series including buffered input modules. DMP series are economy epoxy coated units rated per Series 6.

Only outline information can be given here. Please request detailed data sheets for full specifications.

PART NUMBERS(System Voltage 5Vdc)

Standard Series	IAC-5	IAC-5A	IDC-5	IDC-5B	IDC-5D	OAC-5	OAC-5A	ODC-5	ODC-5A	
Series 6	6201A	6202A	6101/6101A			6401A	6402A	6301A	6302	
Series DMP	DMP620IA	DMP6202A	DMP6101A				DMP6402A	DMP6301A		
Mini-Pack	MIAC5	MIAC5A	MIDC5	MIDC5B	MOAC5	MOAC5A	MOAC5A	MODC5	MODC5A	
INPUT SPECIFICATIONS										
ac or dc input	90-140	180-280								Vac
dc input			10-36	4-16	3-32	3-6	3-6	3-6	3-6	Vdc
OUTPUT SPECIFICATIONS										
Load Current			0.1-100							mA
Load Current dc types								0.02-3	0.02-1	A
Load Current ac types							0.02-3			A
Voltage range			0.4-30							Vdc
						12-280	24-280	3-60	10-200	Vac
Max. turn-on time	20	20	5	0.05	1	half-cycle		0.5		ms
Max. turn-off time	20ms	20ms	5ms	0.1ms	1.5ms	half-cycle		0.5		ms
Switching type	instant	instant	instant	instant	instant	zero		instant		
Colour Code	Yellow	Yellow	White	White	White	Black	Black	Red	Red	

PART NUMBERS(System Voltage 15Vdc)

Standard Series	IAC-15	IAC-15A	IDC-15	OAC-15	OAC15-A	ODC-15	ODC-15A	
Series 6	6231	6232	6131					
Mini Pack	MIAC15	MIAC15A	MIDC15	MOAC15	MOAC15A	MODC15	MODC15A	
INPUT SPECIFICATIONS								
ac or dc input	90-140	180-280						Vac
dc input			10-36	9-18				Vdc
OUTPUT SPECIFICATIONS								
Load Current		0.1-100						mA
Load Current dc types						0.02-3	0.02-1	A
Load Current ac types				0.02-3	0.02-3			A
Voltage range	0.4-30							Vdc
				12-280	24-280	5-60	10-200	Vac
Max. turn-on time	20	20	5	half-cycle		0.5		ms
Max. turn-off time	20	20	5	half-cycle		0.5		ms
Switching type	instant	instant	instant	zero		instant		
Colour Code	Yellow	Yellow	White	Black	Black	Red	Red	

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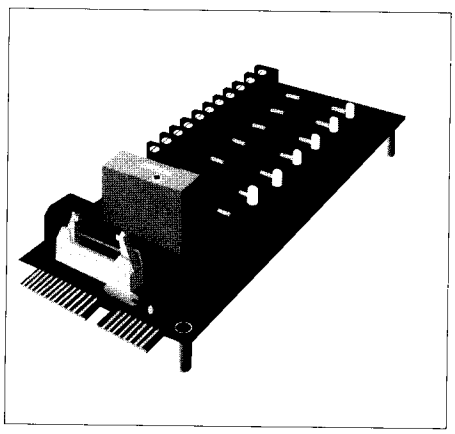
	PART NUMBERS(System Voltage 24Vdc)						
	IAC-24 MIAC24	IDC-24 MIDC24	OAC-24 MOAC24	OAC-24A MOAC24A	ODC-24 MODC24	ODC-24A MODC24A	
INPUT SPECIFICATIONS							
ac or dc input	90-140						Vac
dc input		10-36		18-28			Vdc
OUTPUT SPECIFICATIONS							
Load Current		0.1-100					mA
Load Current dc types					0.02-3	0.02-1	A
Load Current ac types				0.02-3			A
Voltage range		0.4-30	12-280		5-60	10-200	Vdc
				24-280			Vac
Max. turn-on time	20	5	half-cycle	half-cycle	0.5		ms
Max. turn-off time	20	5	half-cycle	half-cycle	0.5ms		ms
Switching type	instant	instant	zero	zero	instant		
Colour Code	Yellow	White	Black	Black	Red	Red	

GENERAL SPECIFICATIONS		
Isolation Voltage	4000	Vrms
Capcitance input/output	8	pF
Temperature Range	-40 to 80	°C



MS Series Input/Output Module Mounting Boards

Crydom Series MS Mounting Boards are designed to accommodate up to 24 input/output Crydom Series IAC, Series 6 or DMP modules or equivalents in any mix. Modules can be easily inserted and removed without disturbing field wiring. Each I/O Module is firmly secured by a captive screw which mates with a threaded insert in the mounting board. Field wiring connections are made with wire clamping terminals that allow straight-in insertions of two wires using UL, CSA recognised barrier strips.

	PART NUMBERS				
	MS4	MS4H	MS8H	MS16H	MS24H
GENERAL SPECIFICATIONS					
Module Positions	4	4	8	16	24
Input/output Channels	4	4	8	16	24

MS 'H' Series Boards
Field lines and data control lines are protected by a solder mask coating and separated by ground traces and a ground plane to minimise cross talk. Each data line has a 3.3K ohm pull-up resistor. Each field pair includes a plug-in replaceable 5A fuse to protect the wiring and/or load.

Connector Options
Except for the Model MS-4, Crydom mounting boards include both ribbon card edges and cable header pinout patterns to allow maximum flexibility for connecting to microprocessor boards. (A Logic Interface Connector table indicates the type of connectors each mounting board will accept.)

Due to space restrictions we are unable to provide full technical specifications for these mounting boards in this publication. Comprehensive data detailing circuit configurations and dimensional drawings are available upon request.