

Fics-IOM

Serial Network I/O Modules for *Fics*-series Controllers

Fics-IOM is a collection of I/O modules for I/O expansion of *Fics*-series controllers. *Fics-IOM* communicates with *Fics*-series controllers with a two-wire serial link that transfers data via standard **RS422** protocol at rates up to 1.25Mbps. With just a twisted pair of wires, cost can be greatly reduced and machine reliability be increased. A variety of *Fics-IOM* modules are available, which offer customers a wide selection for specific applications..

Fics-IOM	Interface type	No. of DI/DO	Connector type
Fics-IOM/16RI	Relay	16DI	Terminal block
Fics-IOM/16RO	Relay	16DO	Terminal block
Fics-IOM/32H	Opto-isolation	16DI,16DO	
Fics-IOM/8.8CN	Opto-isolation	8DI, 8DO	Crimp terminal
Fics-IOM/16CN	Opto-isolation	16DI	Crimp terminal
Fics-IOM/16.16CN	Opto-isolation	16DI, 16DO	Crimp terminal
Fics-IOM/8	Opto-isolation	8DO	Terminal block
Fics-IOM/16	Opto-isolation	16DI	Terminal block

Features:

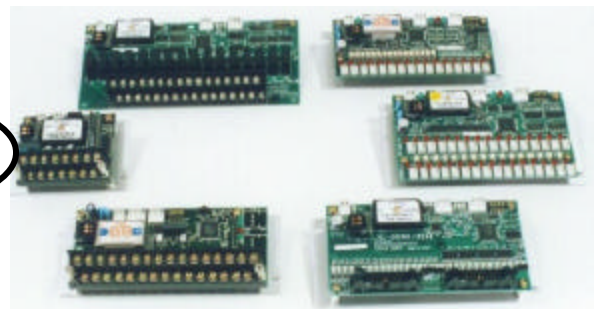
- **RS422 communication with *Fics*-series controllers at 1.25Mbps**
- **Minimal wiring and high reliability**
- **Max 16 modules connectable in one link**
- **Max 256DI/256DO**
- **Opto-isolated for all types of digital I/O except relay type**
- **LED indicators**
- **Uniform 24V power supply**



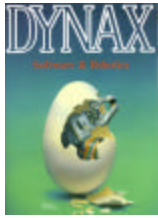
Fics-Atoms SB
Fics-SRing SB



Fics-IOM



Fics-Atoms AT, PCI
Fics-SRing AT, PCI



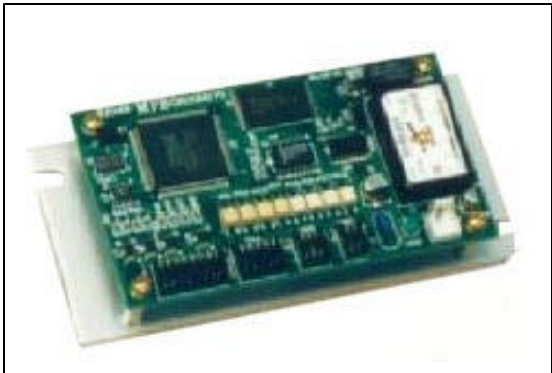
Atom-MFB

Serial Network Analog & Digital I/O Modules for Fics-series Controllers

Atom-MFB is a multi-function board with both analog and digital inputs and outputs. Equipped with RS485 communication port, Atom-MFB can be programmed, with Fics-III, in the same way as Atom-SR, Atom-mini, Atom-SLIM etc.

Features:

- Serial network multi-function board
 - 4ch analog inputs
 - 4ch analog outputs
 - 4 bits DI & 4 bits DO
- RS485 communication at rates up to 625kbps
- RS232C support as standard
- Max 4 modules connectable in a serial link
- Easy I/O access with Fics-III programming
- Minimal wiring and low cost



Specifications:

Power supply	24V±10%	
Current consumption	Approx.8mA	
Working temperature	0-50°C	
Analog inputs	resolution	10 bits
	voltage	0-10V, non-isolated
Analog outputs	resolution	8 bits
	voltage	0-5V, non-isolated
Digital inputs/outputs	24V, opto-isolated	

