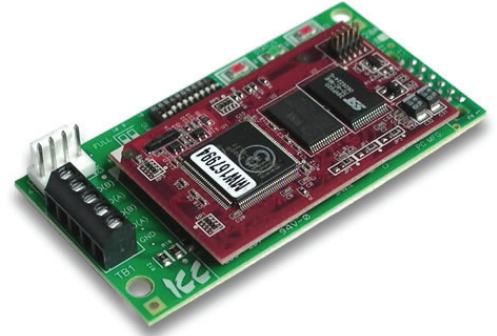


## FR-A7N-XLT Multiprotocol RS-485 Interface

### 700-Series AC Drive RS-485 Communications

The FR-A7N-XLT is a multiprotocol RS-485 communications interface card for the Mitsubishi 700-series family of adjustable speed drives. The FR-A7N-XLT plugs directly onto the drive's control board, and provides connectivity to the most popular RS-485 based building automation networks. Once installed, the FR-A7N-XLT provides access to all internal drive configuration, command and monitoring parameters (protocol-dependent).



Supported protocols currently include:

- BACnet MS/TP
- Siemens FLN
- Johnson Controls, Inc. Metasys® N2
- Modbus RTU



Collaborative Automation  
by  
**Schneider  
Electric**

The FR-A7N-XLT incorporates a variety of useful network integration features such as:

- The ability to connect to either 2-wire or 4-wire RS-485 networks, selectable via DIP switch settings
- Protocol selection, etc. is also configured via DIP switch settings, while the inverter's network station address is configured via an inverter parameter setting
- Supports baud rates up to 38.4kbaud
- Implements a total of 51 Metasys N2 objects
- Implements a total of 56 Siemens FLN objects (application #2741)
- Implements a total of 50 BACnet MS/TP objects
- Provides access to all inverter parameters via Modbus RTU as holding registers, input registers, coils and input status elements
- ROHS compliant

For more information about this and other AC drive communication options, contact your local Mitsubishi Electric distributor, or visit us online at:

- Mitsubishi Electric Automation, Inc.  
(<http://www.meau.com>)
- Industrial Control Communications, Inc.  
(<http://www.iccdesigns.com>)

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