Mitsubishi FX Serial Connector

Devices compatible with Mitsubishi FX3U

- Name: **MitsubishiFXSerial**
- Version: 1.0.1.0
- Protocol: Proprietary
- Interface: Standard Serial Port
- Runtime: Multiplatform
- Configuration:
  - Devices / Protocols

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Overview

Communication with devices compatible with Mitsubishi FX3U

Supported Operands

Operand	Read	Write	Data Type	Address size
D - Data register	**Yes**	**Yes**	Word	2 bytes
TN – Timer Current value	**Yes**	**Yes**	Word	2 bytes
TS – Timer Contact	**Yes**	**No**	Bit	1 bit
CN – Counter Current value	**Yes**	**Yes**	Word	2 bytes
CS – Counter Contact	**Yes**	**No**	Bit	1 bit
X - Input relay	**Yes**	**No**	Bit	1 bit
Y - Output relay	**Yes**	**Yes**	Bit	1 bit
M - Internal relay	**Yes**	**Yes**	Bit	1 bit
S0 - Annunciator	**Yes**	**Yes**	Bit	1 bit

Channels Configuration

Protocol Options

- **Maximum size of blocks:** Defines the maximum of addresses in a read block.

Protocol Options

- **Com** – Define the Port of communication
- **Baud Rate** – Define the rate at which information is transferred in a communication channel.
- **Databits** – Define the number of data bits in each character
- **Parity** – Define the method of detecting errors in transmission.
- **Stop bits** – Define the stop bits.
- **DTR** – Define a control signal in RS-232 serial communication.
- **RTS** – Define the Request to Send
- **CTS** – Define the Clear to Send
- **CtsWait** – Time in milliseconds

Nodes Configuration

Primary Station

- **SlaveID**: The default is 1.

Points Configuration

The syntax for the Mitsubishi FX Serial communication points is: ***<Operand> <Address>***

Where :

- ***<Operand>***: Represents the Device Memory :
- ***<Address>***: Address number

Operand
D - Data register
TN – Timer Current value
TS – Timer Contact
CN – Counter Current value
CS – Counter Contact
X - Input relay
Y - Output relay
M - Internal relay
S0 - Annunciator

Note: The Y Operand is an Octal Numeral System.

Driver Revision History

MitsubishiFX_Serial Revision History	
Version	**Notes**
1.0.1.0	Initial release on new documentation standards

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