Mitsubishi Q Series Connector

Mitsubishi Serie Q devices

- Name: **MitsubishiQ**
- Version: 1.0.6.0
- Protocol: MELSEC
- Interface: TCP/IP
- Runtime: Multiplatform
- Configuration:
  - Devices / Protocols

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Overview

MitsubishiQ driver implements communication with Mitsubishi Serie Q devices on TCP/IP networks. The communications blocks are dynamically created according to the pooling cycle defined on the AccessType for each Device Point.

Channel Configuration

Protocol Options

- **BlockSize:** Defines the maximum amount of items per group, the default value is **255**.
- **Format:** Defines the MELSEC protocol format, default value is **3E**.

Node Configuration

Station Configuration

Station syntax: ***<IP address> ; <Port number>***

Where :

- ***<IP address>***: IP address of the Mitsubishi device in the network
- ***<Port number***>: TCP port where the Mitsubishi device is listening (default is **5001**)

E.g.: ***192.168.1.101; 5001***

Points Configuration

The syntax for the MitsubishiQ communication points is: ***<Operand><Address>***

Where:

- ***<Operand>***: indicates the memory area into the Mitsubishi device:
- ***<Address>***: indicates address to communicate.

Operand	Description
X	Input
Y	Output
M	Internal relay
L	Latch relay
B	Link relay
F	Annunciator
V	Edge relay
SM	Special relay

TS	Timer (contact)
TC	Timer (coil)
CS	Counter (contact)
CC	Counter (coil)
TN	Timer (present value)
CN	Counter (present value)
D	Data register
R	File register
SD	Special register

E.g.: ***D500, Y05***

Driver Revision History

MitsubishiQ Revision History	
Version	**Notes**
1.0.6.0	Initial release on new documentation standards.

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