

# Mitsubishi Melsec-Q-Binary

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## Supported Series

Mitsubishi Q series (Q03UDE, Q04UDEH, Q06UDEH, Q10UDEH, Q13UDEH, Q20UDEH, Q26UDEH, Q02UD), Mitsubishi L series(L02, L26-BT), MELSEC-Q/L protocol application to CPU of Ethernet interface or Ethernet module.

Website: <http://www.mitsubishi-automation.com>

## PLC Connection Settings

Parameters	Recommended	Options	Notes
PLC Type	Mitsubishi MELSEC-Q/L - Binary Mode (Ethernet)		
PLC Interface	Ethernet		
Port #	5002	1025 ~ 4999 or 5010 ~ 65534	
PLC Station #	255	255	
Network #	0	0 ~ 255	
Protocol	TCP	TCP / UDP	MC Protocol

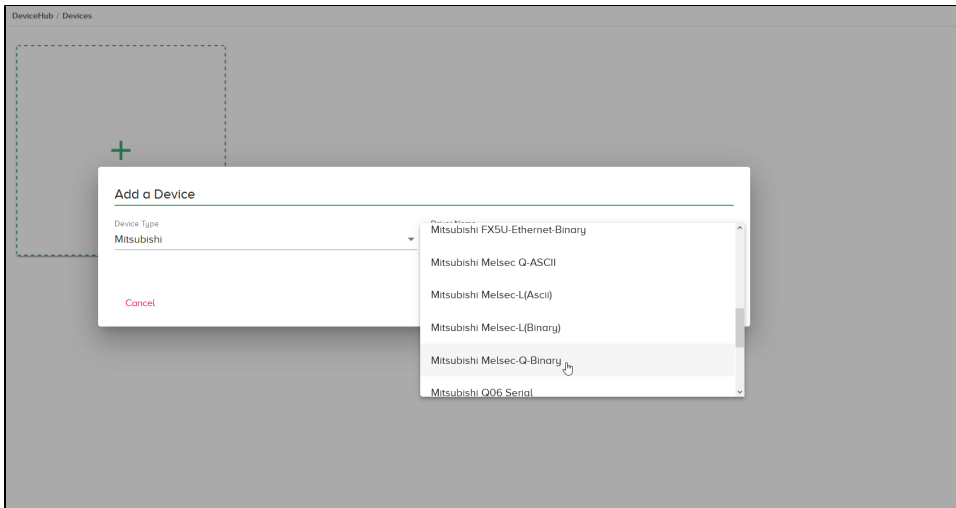
## PLC Configuration

 Online simulator: YES

## LoopEdge DeviceHub Configuration

To configure DeviceHub for this Mitsubishi Melsec-Q PLC:

1. **DeviceHub > Add Device**  
**Type:** Mitsubishi  
**Driver:** Mitsubishi Melsec-Q-Binary



2. Enter details specific to your environment and click **Add Device**.

### Add a Device

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Device Type: **Mitsubishi**      Driver Name: **Mitsubishi Melsec-Q-Binary**

Name: \_\_\_\_\_  
This is a Device Name.

Description: **mitsubishi device**  
This is a description of device.

Network Address: **192.168.0.1**      Network Port: **5002**  
This is a IP Address of device.      This is a network port of device.

Station Id: **255**

   Cancel

## Device Addresses

Bit /Word	Device Type	Format	Range	Description
B	X	DDDDD	0 ~ 65536	Input Relay
B	Y	DDDDD	0 ~ 65536	Output Relay
B	M	DDDDD	0 ~ 65535	Internal Relay
B	SM	DDDD	0 ~ 2047	
B	L	DDDDD	0 ~ 32237	Latch Relay
B	F	DDDDD	0 ~ 32237	Annunciator
B	V	DDDDD	0 ~ 32237	Edge Relay
B	B	DDDDD	0 ~ 32237	Link Relay
B	TS	DDDDD	0 ~ 25471	Timer Contact
B	TC	DDDDD	0 ~ 25471	Timer Coil
B	SS	DDDDD	0 ~ 25471	Retentive Timer Contact

B	SC	DDDDD	0 ~ 25471	Retentive Timer Coil
B	CS	DDDDD	0 ~ 25471	Counter Contact
B	CC	DDDDD	0 ~ 25471	Counter Coil
B	SB	DDDDD	0 ~ 32237	Special Link Relay
B	S	DDDD	0 ~ 8191	Step Relay
B	DX	DDDD	0 ~ 8191	Direct Input
B	DY	DDDD	0 ~ 8191	Direct Output
W	D	DDDD	0 ~ 9999	Data Register
W	W	DDDD	0 ~ 8191	
W	TN	DDDDD	0 ~ 25471	Timer Current Value
W	SN	DDDD	0 ~ 25471	Retentive Timer Current Value
W	CN	DDDDD	0 ~ 25471	Counter Current Value
W	SD	DDDD	0 ~ 2047	Special Register
W	R	DDDD	0 ~ 9999	File Register
W	ZR	DDDDDD	0 ~ 999999	File Register
W	Z	DD	0 ~ 20	Index Register