

Mitsubishi Q02/02H

Supported Series; Mitsubishi Q02/Q02H CPU port.

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

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Mitsubishi Q02/02H		
PLC I/F	RS232	RS485 4W, RS232	
Baud rate	115200	115200 only	
Data bits	8		
Parity	Odd		
Stop bits	1		
PLC sta. no.	0		

Online simulator	YES	Extend address mode	NO
Broadcast command	NO		

*Support communications between HMI and PLC in pass-through mode

*Set LW-9903 to 2 to enhance the speed of download/upload PLC program in pass-through mode

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	SM	DDDD	0 ~ 2047	
B	X	HHHH	0 ~ 1fff	Input Relay
B	Y	HHHH	0 ~ 1fff	Output Relay
B	M	DDDDD	0 ~ 61439	Internal Relay
B	L	DDDDD	0 ~ 32767	Latch Relay
B	F	DDDDD	0 ~ 32767	Annunciator
B	V	DDDDD	0 ~ 32767	Edge Relay
B	B	HHHH	0 ~ 7fff	Link Relay
B	TC	DDDDD	0 ~ 23087	Timer Coil
B	SS	DDDDD	0 ~ 23087	Retentive Timer Contact
B	SC	DDDDD	0 ~ 23087	Retentive Timer Coil
B	CS	DDDDD	0 ~ 23087	Counter Contact
B	CC	DDDDD	0 ~ 23087	Counter Coil

Bit/Word	Device type	Format	Range	Memo
B	SB	HHH	0 ~ 7ff	Special Link Relay
B	S	DDDD	0 ~ 8191	Step Relay
B	DX	HHHH	0 ~ 1fff	Direct Input
B	DY	HHHH	0 ~ 1fff	Direct Output
B	TS	DDDD	0 ~ 2047	Timer Contact
B	D_Bit	DDDDDDDDh	0 ~ 4212735f	
B	ZR_Bit	HHHHHh	0 ~ fe7fff	
B	ZR_Dec_Bit	DDDDDDDDh	0 ~ 1042431f	
W	W	HHHH	0 ~ 657f	Link Register
W	TN	DDDDD	0 ~ 23087	Timer Current Value
W	SN	DDDDD	0 ~ 23087	Retentive Timer Current Value
W	CN	DDDDD	0 ~ 23087	Counter Current Value
W	R	FFDDDDD	0 ~ 3132767	File Register (FF:File No.
W	SW	HHH	0 ~ 7ff	Special Link Register
W	Z	DD	0 ~ 15	Index Register
W	ZR	HHHHH	0 ~ fe7ff	File Register
W	ZR_decimal_addr	DDDDDDD	0 ~ 1042431	
W	D	DDDDDDD	0 ~ 4212735	Data Register

Wiring Diagram:

6P Mini-DIN: Q02 CPU port RS232

The following is the view from the soldering point of a connector.

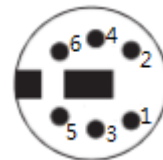


Diagram 1

RS-232

The serial port pin assignments may vary between HMI models, please click the following link for more information.

