

Yaskawa MP Series Controller Driver

Information Sheet for Crimson v2.0

Compatible Devices

Yaskawa MP Series Controllers

Verified Device

Yaskawa MP940D

Accessible Data

Prefix	Description	Range
Mx	Memory	0 - 32767
Ix	Input	0 – 7FFF
MB	Memory Bits	0 – 4095F
IB	Input Bits	0 – 7FFF

Cable Information

RS232 Communications:

G3 RS232 Port	Yaskawa MP940 Port1
2 - Rx	1 - Tx
5 - Tx	3 - Rx
3 - COMM	14 - COMM

RS232 Communications (continued):

G3 RS232 Port	Yaskawa MP920 Port1 or Port2
2 - Rx	2 - Tx
5 - Tx	3 - Rx
3 - COMM	7 - COMM

In addition, connect 4 and 5 on the MP Series Controller.

RS422 Communications:

G3 RS485 Port	Yaskawa MP940 Port2
1 - TxB	3 - Rx+
2 - TxA	4 - Rx-
3 - RxA	2 - Tx-
4 - RxB	1 - Tx+
6 - COMM	14 - COMM

In addition, connect 6 and 7 on the MP Series Controller.

RS485 Communications:

G3 RS485 Port	Yaskawa MP940 Port2
1 - TxB	3 - Rx+
2 - TxA	4 - Rx-
3 - RxA	2 - Tx-
4 - RxB	1 - Tx+
6 - COMM	14 - COMM