

mitsubishi FX232/485BD

Mitsubishi FX0n/FX2/FX2n COM For Communication Module BD
 FX2N-485-BD, FX2N-232-BD, FX1N-485-BD and FX1N-232-BD

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

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	MITSUBISHI FX232/485BD		
Com port	RS232/RS485	RS232/RS485 2w/4w	in accordance with the BD module
Baud rate	19200	9600/19200	must same as the PLC setting
Parity bit	Even	Even, Odd, None	must same as the PLC setting
Data Bits	7	7,8	must same as the PLC setting
Stop Bits	1	1,2	must same as the PLC setting
HMI Station No.	0		Does not apply to this protocol
PLC Station No.	1	0-15	must same as the PLC setting

Online Simulator	YES	Extend address mode	YES
Broadcast command			

PLC Setting:

Communication mode	Must set PLC station when use the BD Module
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Register D8120 setting:set b9 and b8 of BFM#0 as 0



FX2N-485-BD, FX1N-485-BD



FX2N-232-BD, FX1N-232-BD

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	X	ooo	0-377	Input Relay
B	Y	ooo	0-377	Output Relay
B	M	ddd	0-9999	Auxiliary Relay
B	T	ddd	0-255	Timer Relay
B	C	ddd	0-255	Counter Relay
W	TV	ddd	0-255	Timer Memory
W	CV	ddd	0-199	Counter Memory
W	D	ddd	0-9999	Data Register
W	CV2	ddd	200-255	Counter Memory(D Word)

Wiring diagram:

Communication Module RS232BD:

MT8000 RS232
9P D-SUB

COM1	COM2	COM3
3 TX	4 TX	7 TX
2 RX	6 RX	8 RX
5 GND	5 GND	5 GND

232BD Module
9P D-SUB
Female

2 RXD
3 TXD
5 GND

Communication Module RS485BD:

MT8000 COM1
RS-485 4w
9P D-SUB Male

1 RX-
2 RX+
3 TX-
4 TX+
5 GND

485BD Module
5P terminal

SDB
SDA
RDB
RDA
SG

Communication Module RS485BD:

MT8000 RS-485 2Wire
9P D-SUB

COM1	COM3
1 RX-	6 Data-
2 RX+	9 Data+
3 TX-	
4 TX+	
5 GND	5 GND

RS485BD Module
5P terminal

SDB
SDA
RDB
RDA
SG

