Chapter 22 EasyView MT8000 seires HMI and PLC connecting guid

22.1 Allen-Bradley PLC

AB DF1

Allen-Bradley MicroLogix 1000, 1200, 1500, SLC 5/03, 5/04, 5/05
http://www.ab.com

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	AB DF1		
Com port	RS232		
Baud rate	19200	9600, 19200	
Parity bit	None	Even, Odd, None	
Data Bits	8	8	
Stop Bits	1	1	
HMI Station No.	0		
PLC Station No.	1	1-31	

PLC Setting:

Communication mode	**DF1 Full Duplex protocol 19200, None, 8, 1 (default)** **Error Check: CRC**

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	I1	ddd(dd)	ddd:0~254 (dd): 0~15	Input (I)
B	O0	ddd(dd)	ddd:0~254 (dd): 0~15	Output (O)
B	B3	ddd(dd)	ddd:0~254 (dd): 0~15	Bit data file (B3)
B	B10~13	ddd(dd)	ddd:0~254 (dd): 0~15	Bit data file (B10~13)
B	Bfn	fffddd(dd)	File no. fff: 3, 10~254 Element no. ddd:	Bit data file (B3, 10~254)

			0~254 Bit no. (dd): 0~15	
B	NfnBit	fffddd(dd)	File no. fff: 7, 10~254 Element no. ddd: 0~254 Bit no. (dd): 0~15	Integer data file bit level (N7, 10~254)
W	T4SV	ddd	ddd:0~254	Timer Preset Value (T4)
W	T4PV	ddd	ddd:0~254	Timer Accumulator Value (T4)
W	C5SV	ddd	ddd:0~254	Counter Preset Value (C5)
W	C5PV	ddd	ddd:0~254	Counter Accumulator Value (C5)
W	N7	ddd	ddd:0~254	Integer data file (N7)
W	N10~15	ddd	ddd:0~254	Integer data file (N10~15)
W	F8	ddd	ddd:0~254	Floating point data file (F8)
W	Nfn	fffddd	File no. fff:0~254 Element no. ddd:0~254	Integer data file (N7, 10~254)

Wiring diagram:

RS-232: MicroLogix 1000,1200, 1500

MT8000 RS232
9P D-SUB Female

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

MicroLogix RS232
8P mini DIN

4	RXD
7	TXD
8	GND

RS-232: SLC5/03,04,05 CH0

MT8000 RS232
9P D-SUB Female

3 TX	4 TX	7 TX
2 RX	6 RX	8 RX
5 GND	5 GND	5 GND

AB CPU CH0
RS-232
9P D-SUB Male

2	RD
3	TD
5	GND

22.2 DELTA PLC

DELTA DVP

DELTA DVP series

http://www.deltadriver.com

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	DELTA DVP		
Com port	RS232	RS232, RS485	
Baud rate	9600	9600, 19200	
Parity bit	Even	Even, Odd, None	
Data Bits	7	7, 8	
Stop Bits	1	1	
HMI Station No.	0		
PLC Station No.	1	0-255	

PLC Setting:

Communication mode	

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	X	ooo	0 ~ 23417 (Octal)	Input
B	Y	ooo	0 ~ 23417 (Octal)	Output
B	M	dddd	0 ~ 9999	Auxiliary Relay
B	S	dddd	0 ~ 9999	Step Relay
B	T	dddd	0 ~ 9999	Timer
B	C	dddd	0 ~ 9999	Counter
B	TV	dddd	0 ~ 9999	Timer
W	CV	ddd	0 ~ 127	Counter
W	CV2	ddd	232 ~ 255	Double word counter

W	D	dddd	0 ~ 9999	Data Register

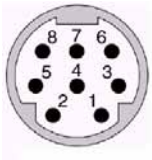
Wiring diagram:

MT8000 RS232
9P D-SUB Female

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

DELTA DVP CPU
port
8p mini DIN

5 RXD
4 TXD
3 GND



22.3 FACON PLC

FATEK

FATEK FB Series

FATEK FBs series, FB MC series, FB MA series need FB-DTBR converter.
http://www.fatek.com/

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	FATEK FB Series		
Com port	RS232	RS232/RS485	Must match the PLC's port setting.
Baud rate	9600		Must match the PLC's port setting.
Parity bit	Even		Must match the PLC's port setting.
Data Bits	7		
Stop Bits	1		
HMI Station No.	0		Does not apply to this protocol.
PLC Station No.	1	0-255	Must match the PLC's port setting.

PLC Setting:

Communication mode	
Select	

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	X	ddd	ddd : 0~9999	Input
B	Y	ddd	ddd : 0~9999	Output
B	M	ddd	ddd : 0~9999	Internal Relay
B	S	ddd	ddd : 0~9999	Step Relay
B	T	ddd	ddd : 0~9999	Timer
B	C	ddd	ddd : 0~9999	Counter
W	R	ddd	ddd : 0~9999	Data Register
W	D	ddd	ddd : 0~9999	Data Register

W	RT	ddd	ddd : 0~9999	Timer Register
W	RC	ddd	ddd : 0~9999	Counter Register
W	DRT	ddd	ddd : 0~9999	Double word Timer Register
W	DRC	ddd	ddd : 0~9999	Double word Counter Register

Wiring diagram:

1. RS232: CPU port

MT8000 RS232

9P D-SUB Male

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

FB CPU port

15P D-SUB Male

1 RX
2 TX
6 GND
3 RTS
4 CTS

2. RS485: CPU port

MT8000

COM[RS-485] 2w

9P D-SUB Female

COM1	COM3
1 RX-	6 Data-
2 RX+	9 Data+

FB CPU port

15P D-SUB Male

7 D-
5 D+

3. RS232: FB-DTBR/DTBR-E

MT8000 RS232

9P D-SUB Male

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

FB-DTBR/DTBR-E

15P D-SUB Male

1 RX
2 TX
6 GND
3 RTS
4 CTS

4. RS485: FB-DTBR/DTBR-E

MT8000 RS232

9P D-SUB Male

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

FB-DTBR/DTBR-E

9P D-SUB Male

3 RX
4 TX
1 GND

5. RS485: FB-DTBR/DTBR-E

MT8000

COM[RS-485] 2w

9P D-SUB Female

FB-DTBR/DTBR-E

3P Terminal Block

COM1	COM3	
1 RX-	6 Data-	D-
2 RX+	9 Data+	D+

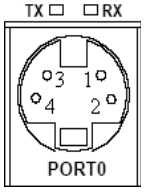
6. RS232: FBs Port0

MT8000 RS232

9P D-SUB Male

FB-DTBR/DTBR-E

4P Mini-Din Male



4P Mini-Din

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

22.4 LG PLC

LS MASTER-K300S CPU

LS MASTER-K series: K80S, K200S, K300S, K1000S
http://www.lgis.com/

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	LG MASTER-K300S		
Com port	RS232	RS232/RS485	Must match the PLC's port setting.
Baud rate	38400	9600, 19200, 38400	Must match the PLC's port setting.
Parity bit	None	Even, Odd, None	Must match the PLC's port setting.
Data Bits	8	8	Must match the PLC's port setting.
Stop Bits	1	1	Must match the PLC's port setting.
HMI Station No.	0		Does not apply to this protocol.
PLC Station No.	0	0-31	Must match the PLC's port setting.

PLC Setting:

Communication mode	**38400, None, 8, 1**
Select	

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	P	ddd(h)	0~255F	I/O Relay (P)
B	K	ddd(h)	0~255F	Keep Relay (K)

B	M	ddd(h)	0~255F	Auxiliary Relay (M)
B	L	ddd(h)	0~255F	Link Relay (L)
B	F	ddd(h)	0~255F	Special Relay (F)
W	TV	ddd	0~255	Timer Present Value
W	CV	ddd	0~255	Counter Present Value
W	D	dddd	0~9999	Data Register (D)

d: Decimal h: Hexadecimal

Wiring diagram:

MT8000 RS232

9P D-SUB Male

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

CPU port RS232

9P D-SUB Female

2 RX
3 TX
5 GND

22.5 Matsushita PLC

松下電工（Matsushita Electric）

Matsushita FP

NAIS(Matsushita) FP series include FP0, FP1, FP2, FP2SH, FP10SH and FP3
http://www.aromat.com

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	Matsushita FP		
Com port	RS232	RS232/RS485	Must match the PLC's port setting.
Baud rate	9600	9600, 19200, 38400, 57600, 115200	Must match the PLC's port setting.
Parity bit	Odd	Even, Odd, None	Must match the PLC's port setting.
Data Bits	8	7 or 8	Must match the PLC's port setting.
Stop Bits	1	1 or 2	Must match the PLC's port setting.
HMI Station No.	0	0-255	Does not apply to this protocol.
PLC Station No.	1	0-255	Must match the PLC's port setting. **FP3 must set 0.**

PLC Setting:

Communication mode	**9600,O,8,1(default)**
Select	

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	X	dddd(h)	0~9999F	Input(X)
B	Y	dddd(h)	0~9999F	Output(Y)
B	R	dddd(h)	0~9999F	Internal Relay(R)
B	L	dddd(h)	0~9999F	Link Relay(L)
B	T	ddd	0~9999	Timer(T)
B	C	ddd	0~9999	Counter(C)
W	SV	ddd	0~9999	Timer/Counter set

				value(SV)
W	EV	ddd	0~9999	Timer/Counter elapse value(EV)
W	DT	ddd	0~9999	Data Register(DT)

Wiring diagram:

MT8000 RS232

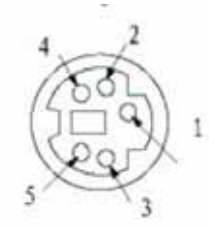
9P D-SUB Male

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

FP0, FP2, FP2SH,FPM CPU Tool port

5P mini DIN RS-232

3 RXD
2 TXD
1 GND



Mini Din 5 Pin Female

MT8000 RS232

9P D-SUB Male

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

FP0 CPU RS232 3P terminal

R
S
G

MT8000 RS232

9P D-SUB Male

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

FP1, FP2, FP2SH,FP10SH CPU 9p D-SUB Male RS232

3 RXD
2 TXD
7 GND
4 RTS
5 CTS

	9 ER

MT8000

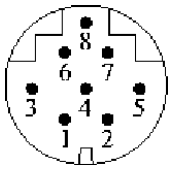
COM1[RS-485]4w 9P

D-SUB Male

FP1 CPU RS422 port

Hirose 8Pin Port

1 RX-	2 TXDA
2 RX+	5 TXDB
3 TX-	3 RXDA
4 TX+	6 RXDB
5 GND	1 GND



Hirose 8Pin Port

MT8000

COM1[RS-485]4w

9P D-SUB Male

FP3 CPU RS422 port

15P D-SUB Female

1 RX-	9 TXDA
2 RX+	2 TXDB
3 TX-	10 RXDA
4 TX+	3 RXDB
5 GND	7 GND
	4 RTS+
	5 CTS+
	11 RTS-
	12 CTS-

22.6 Mitsubishi PLC

Mitsubishi FX0n/FX2

Mitsubishi FX0s/FX0n/FX1s/FX1n/FX2 PLC

http://www.mitsubishi-automation.com

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	Mitsubishi FX0n/FX2	Mitsubishi FX0n/FX2	
Com port	RS485	RS232/RS485	
Baud rate	9600	9600/19200/38400/57600/115200	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	0-255	Does not apply to this protocol
PLC Station No.	0	0-255	must same as the PLC setting

PLC Setting:

Communication mode	9600,Even,7,1

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)
W	SD	ddd	8000-9999	Special Data Register

Wiring diagram:

MT8000

COM1 [RS-485] 4w

9P D-SUB Male

Mitsubishi PLC CPU

RS422 Port

8P MiniDin Female

1 RX-	4 TX-
2 RX+	7 TX+
5 GND	3 GND
3 TX-	1 RX-
4 TX+	2 RX+

8Pin miniDin Female

22.7 MODICON PLC

22.8 OMRON PLC

OMRON CJ1/CS1

OMRON CJ1M, CJ1H, CJ1G, CS1H and CS1G. (Host Link Protocol FINS command),
This driver supports Extend Addressing mode.
http://oeiweb.omron.com/oei/Products-PLC.htm

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	[pds]OMRON CJ1/CS1 V1.2		
Com port	RS232	RS232, RS422, RS485	
Baud rate	9600	9600, 19200	
Parity bit	Even	Even, Odd, None	
Data Bits	7	7 or 8	
Stop Bits	2	1 or 2	
HMI Station No.	0		
PLC Station No.	0	0-31	**Host Link Station No.**

PLC Setting:

Communication mode	**Host Link protocol**

Device address:

Bit/Word	Device Type	Format	Range	Memo
Bit	D_bit	ddd(dd)	ddd:0~32767 (dd): 0~15	Data Memory (DM)
Bit	H_bit	ddd(dd)	ddd:0~511 (dd): 0~15	Holding Area (HR)
Bit	W_bit	ddd(dd)	ddd:0~511 (dd): 0~15	Work Area (WR)
Bit	CIO_bit	ddd(dd)	ddd:0~6143 (dd): 0~15	Channel I/O (CIO)
Bit	A_bit	ddd(dd)	ddd:0~959 (dd): 0~15	Auxiliary Relay (AR)
Bit	T_bit	ddd	ddd:0~4095	Timer (TIM)
Bit	C_bit	ddd	ddd:0~4095	Counter (CNT)
Word	D	ddd	ddd:0~32767	Data Memory (DM)
Word	H	ddd	ddd:0~511	Holding Area (HR)
Word	W	ddd	ddd:0~511	Work Area (WR)
Word	CIO	ddd	ddd:0~6143	Channel I/O (CIO)
Word	A	ddd	ddd:0~959	Auxiliary Relay (AR)
Word	T	ddd	ddd:0~4095	Timer (TIM)
Word	C	ddd	ddd:0~4095	Counter (CNT)

Wiring diagram:

RS-232:

MT8000 RS232
9P D-SUB Female

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

OMRON
CPU RS-232 9P
D-SUB Female

3 RD
2 SD
9 GND
4 RS
5 CS

22.9 SIEMENS PLC

SIEMENS

SIEMENS S7-200

Siemens S7/200 series PLC(CPU212/214/215/216/221/222/224/226/226XM)
http://www.ad.siemens.com

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	S7/200		
Com port	RS485	RS485	
Baud rate	9600	9600, 19200	Must same as the PLC setting
Parity bit	Even	Even, Odd, None	Must same as the PLC setting
Data Bits	8	7,8	Must same as the PLC setting
Stop Bits	1	1, 2	Must same as the PLC setting
HMI Station No.	0	0-255	
PLC Station No.	2	0-255	Must same as the PLC setting

PLC Setting:

Communication mode	**Set station number as 2**

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	I	ddd(o)	0-40957	Input (I)
B	Q	ddd(o)	0-40957	Output (O)
B	M	ddd(o)	0-40957	Bit Memory
B	VW.B	ddd(o)	0-40957	V Memory
W	VW	dddd	0-10239	V memory

Wiring diagram:

MT8000 PLC[485]
9P D-SUB Female

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

SIEMENS S7/200
CPU Port
9P D-SUB Female

8 D-
3 D+
5 GND

21

22.10 IDEC PLC

IDEC

IDEC Micro3, Micro3C, MicroSmart, OpenNet Controller series
http://www.idec.com

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	IDEC Micro		Support Extend address mode
Com port	RS232	RS232, RS485	
Baud rate	9600	9600, 19200	
Parity bit	Even	Even, Odd, None	
Data Bits	7	7, 8	
Stop Bits	1	1	
HMI Station No.	0		Does not apply to this protocol
PLC Station No.	255 (for 1:1 connect)	0-255	255 or same as the PLC setting

Online Simulator	YES	
Direct Online Simulator	YES	
Extend address mode	YES	Don't set the PLC Station No.= 255

PLC Setting:

Communication mode	**9600,E,7,1(default), Use Computer Link Protocol**

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	X	ddd(o)	ddd=0~2047, (o)=0~7	Input(I)

B	Y	ddd(o)	ddd=0~2047, (o)=0~7	Output(Q)
B	M	ddd(o)	ddd=0~2047, (o)=0~7	Internal Relay(M)
W	RT	ddd	ddd=0~9999	Timer(T)
W	RC	ddd	ddd=0~9999	Counter(C)
W	D	ddd	ddd=0~9999	Data Register(D)

Wiring diagram:

RS232: Micro3C, MicroSmart, OpenNet Controller CPU Ladder Port

MT8000 RS232

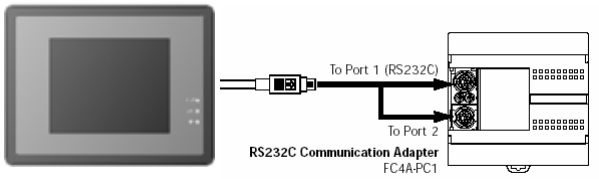
9P D-SUB Male

CPU port 1 or port2 RS-232

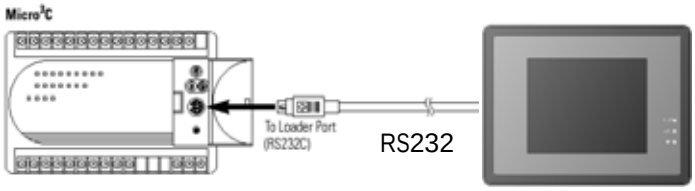
8P mini DIN Male

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

8Pin mini DIN
Female Pin



MT8000 MicroSmart



MT8000

RS485: Micro3 CPU Port, MicroSmart with FC4A-PC2 RS485 Communication Adapter

MT8000 RS-485

9P D-SUB Female

CPU Port RS-485

8P mini DIN Male

COM1	COM3		
1 RX-	6 Data-		2 RXD-
2 RX+	9 Data+		1 RXD+
5 GND	5 GND		7 GND

8Pin mini DIN
Female Pin

RS485: Micro3C, OpenNet Controller Data Link Terminals,

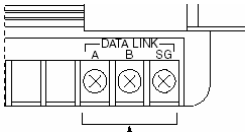
MicroSmart with FC4A-PC3 RS485 Communication Adapter

MT8000 RS-485

9P D-SUB Female

Data Link Terminals

COM1	COM3		
1 RX-	6 Data-		A RXD-
2 RX+	9 Data+		B RXD+
5 GND	5 GND		SG GND



22.11 KOYO PLC

KOYO

KOYO DirectLogic series PLC DL05, DL06，DL105, DL205, DL305 and DL405 series

http://www.automationdirect.com

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	KOYO DIRECT		
Com port	RS232	RS232, RS485	
Baud rate	9600	9600, 19200, 38400	
Parity bit	Odd	Even, Odd, None	
Data Bits	8	7, 8	
Stop Bits	1	1	
HMI Station No.	0		Does not apply to this protocol.
PLC Station No.	1	1-90	

PLC Setting:

	1. The PLC must not have a password. 2. PLC must be set for Full Duplex operation. 3. PLC must be set for No Hardware Handshaking. 4. The PLC must be set to use the 'K' Sequence Protocol. 5. Set the mode switch to the TERM mode 6. When using the D4-440 CPU, you must set the station number to 1.

Device address:

Bit/Word	Device Type	Format	Range	Memo
B	X	ooo	0 ~ 77777	Input Bits

B	Y	ooo	0 ~ 77777	Output Bits
B	C	ooo	0 ~ 77777	Control Relays
B	T	ooo	0 ~ 77777	Timer Status Bits
B	CT	ooo	0 ~ 77777	Counter Status Bits
W	V	ooo	0 ~ 77777	V Memory

Wiring diagram:

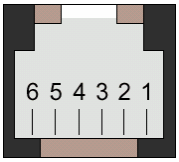
1. CPU unit: DL05/DL06/DL105/DL230/DL240/DL250/DL350/DL450 RS232 port

MT8000 RS232
9P D-SUB Female

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

KOYO DirectLogic PLC
RS232 port
6P RJ12 phone jack

3 RX
4 TX
1 GND



RJ12 6Pin

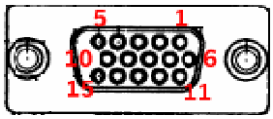
2. CPU unit: DL06/DL250 CPU Port2 RS232

MT8000 RS232
9P D-SUB Female

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

KOYO DirectLogic PLC
CPU RS232 Port2
15P D-SUB Female

3 RX
2 TX
7 GND
4 RTC
5 CTS



15P D-SUB Female

3. CPU unit: DL06/DL250 CPU Port2 RS422

MT8000

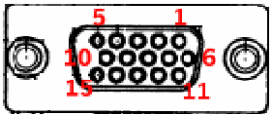
COM1 [RS-485] 4w

9P D-SUB Male

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

KOYO DirectLogic PLC
CPU RS422 Port2
15P D-SUB Female

10 TX-
9 TX+
7 GND
6 RX-
13 RX+
11 RTS+
14 CTS+
12 RTS-
15 CTS-



Note: DL06/DL250 CPU Port2 include RS232 and RS422

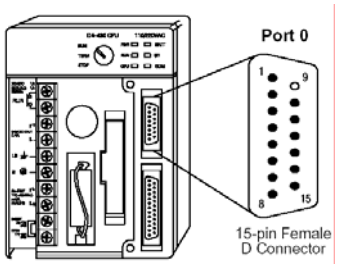
4. CPU unit: DL430/DL440/DL450 CPU unit Port0 RS232

MT8000 RS232
9P D-SUB Female

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

KOYO DirectLogic PLC
DL405 CPU RS232 Port0
15P D-SUB Female

3 RX
2 TX
13 GND
1 YOP
7 CTS
2 YOM
4 ONLINE
14 GND



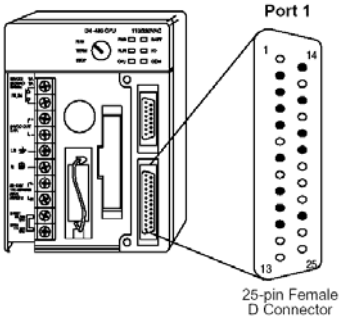
5. CPU unit: DL430/DL440/DL450 CPU unit Port1 & DL350 CPU unit Port2 RS232

MT8000 RS232
9P D-SUB Female

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

KOYO DirectLogic PLC
DL305/405 CPU RS232 Port
25P D-SUB Female

3 RX
2 TX
7 GND
4 RTC
5 CTS



6. CPU unit: DL430/DL440/DL450 CPU unit Port1 & DL350 CPU unit Port2 RS422

MT8000

COM1[RS-485]4w

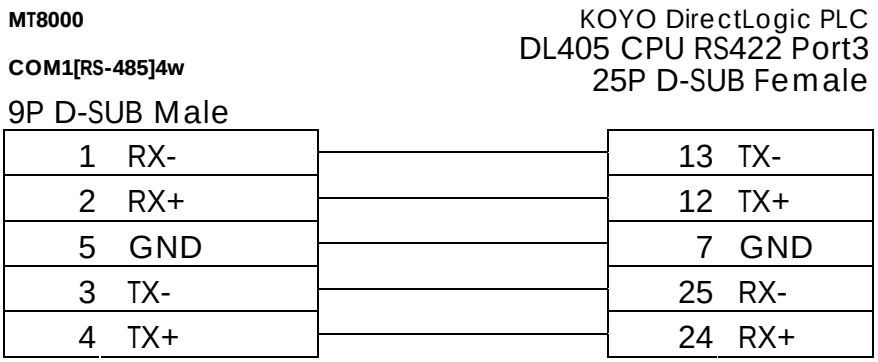
9P D-SUB Male

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

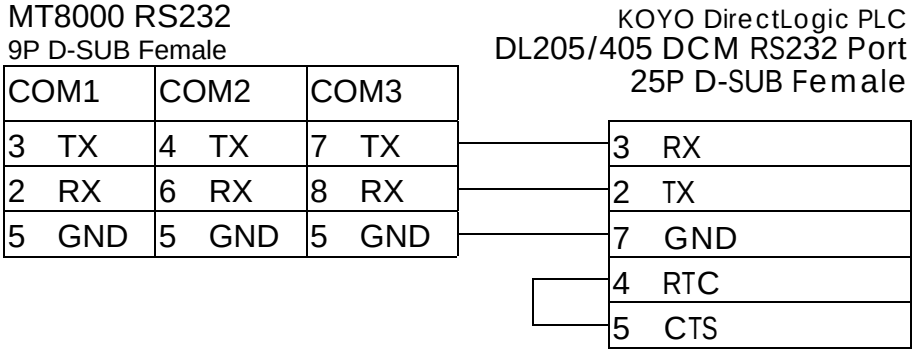
KOYO DirectLogic PLC
DL305/405 CPU RS422 Port
25P D-SUB Female

16 TX-
14 TX+
7 GND
10 RX-
9 RX+
19 RTS+
11 CTS+
18 RTS-
23 CTS-

7. CPU unit: DL450 CPU unit Port3 RS422



8. Communication unit: DL205 series D2-DCM and DL405 series D4-DCM RS232



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22.12 VIGOR PLC

VIGOR

VIGOR M Series

http://www.vigorplc.com.tw/

HMI Setting:

Parameters	Recommend	Option	Notes
PLC type	VIGOR		
Com port	RS232	RS232, RS485 4wires,	
Baud rate	19200		
Parity bit	Even		
Data Bits	7		
Stop Bits	1		
HMI Station No.	0		
PLC Station No.	1		

PLC Setting:

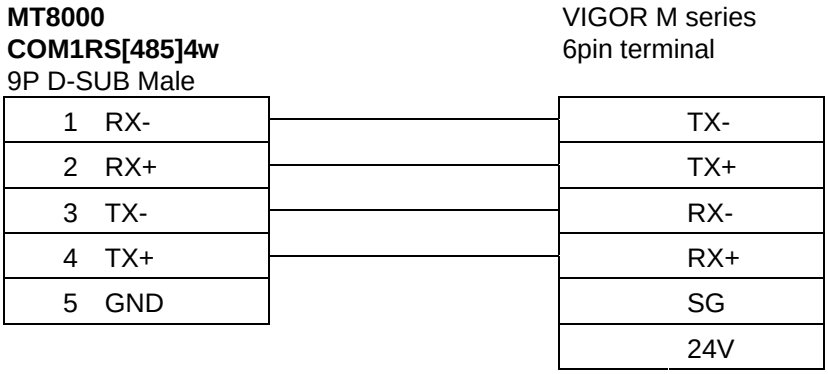
Communication mode	None

Device address:

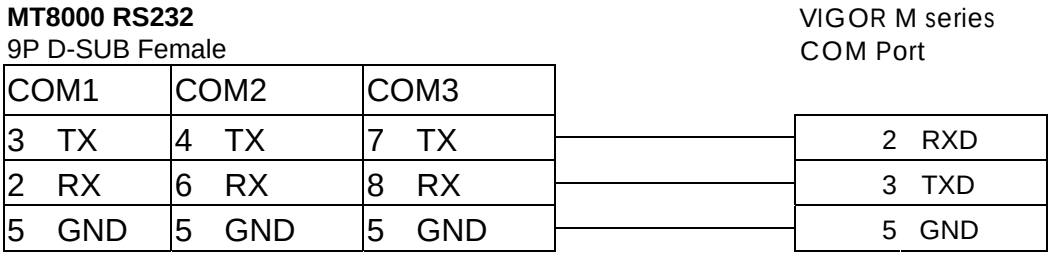
Bit/Word	Device Type	Format	Range	Memo
B	X	ooo	0~177	
B	Y	ooo	0~177	
B	M	dddd	0~4095	
B	S	ddd	0~999	
B	T	ddd	0~255	
B	C	ddd	0~255	
W	TV	ddd	0~255	
W	CV	ddd	0~255	
W	D	dddd	0~4095	
W	DL	dddd	0~4095	Double word

Wiring diagram:

RS-485 4wire:



RS-232:



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