

# ABB AC500

Supported Series: ABB AC500

## HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	ABB AC500		
PLC I/F	RS485 2W	RS232/RS485 2W / Ethernet	
Baud rate	19200		
Data bits	8		
Parity	Even		
Stop bits	1		
PLC sta. no.	0		
Port no.	502		Ethernet

## Device Address:

Bit/Word	Device type	Format	Range	Memo
B	MX0	DDDDo	0 ~ 81917	%MX0.0.0 ~ 0.8191.7
W	MW0	DDDDD	0 ~ 32767	%MW0.0 ~ 0.32767
W	MW1	DDDDD	0 ~ 32767	%MW0.1 ~ 1.32767
DW	MD0	DDDDD	0 ~ 16383	
DW	MD1	DDDDD	0 ~ 16383	

## Wiring Diagram:

RS-232 9P D-Sub (Diagram 1 ~ Diagram 3)

### Diagram 1

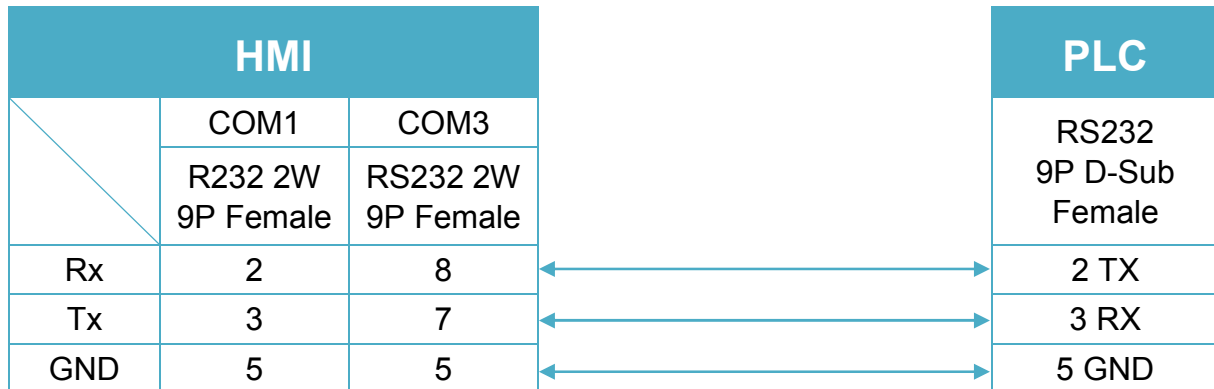
**cMT Series**                      *cMT3071 / cMT3072 / cMT3090 / cMT3103 / cMT3151*

**eMT Series**                      *eMT3070 / eMT3105 / eMT3120 / eMT3150*

**MT-iE**                              *MT8073iE / MT8102iE*

**MT-XE**                              *MT8092XE*

**MT-iP**                              *MT6103iP / MT8102iP*


**Diagram 2**

**cMT Series**                      *cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD*

**mTV**                                *mTV*

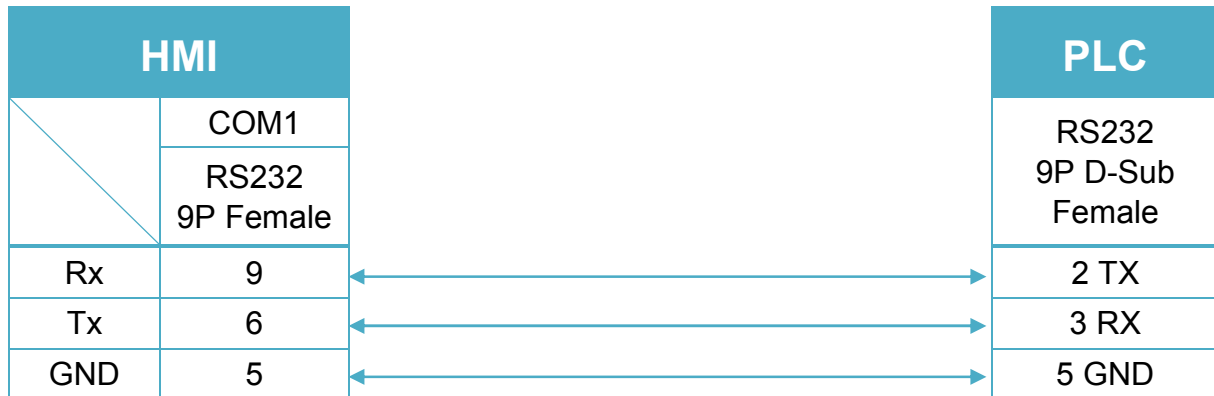
**MT-iE**                              *MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE /  
MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE /  
MT8101iE / MT8102iE / MT8103iE*

**MT-XE**                              *MT8121XE / MT8150XE / MT8090XE*


**Diagram 3**

**MT-iE**                                *MT8050iE / MT8053iE*

**MT-iP**                                *MT6051iP / MT8051iP / MT6071iP / MT8071iP*

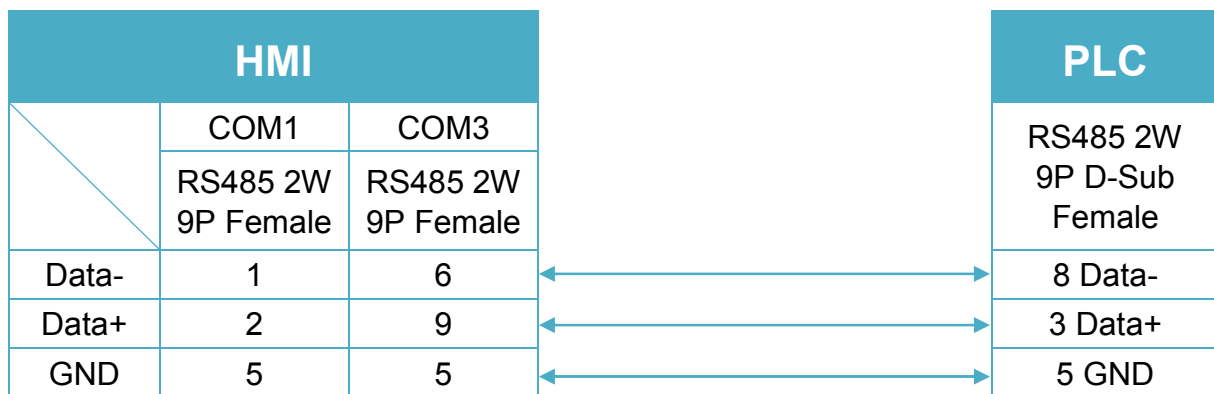


RS-485 2W 9P D-Sub (Diagram 4 ~ Diagram 9)

### Diagram 4

**cMT Series**                      *cMT3151*

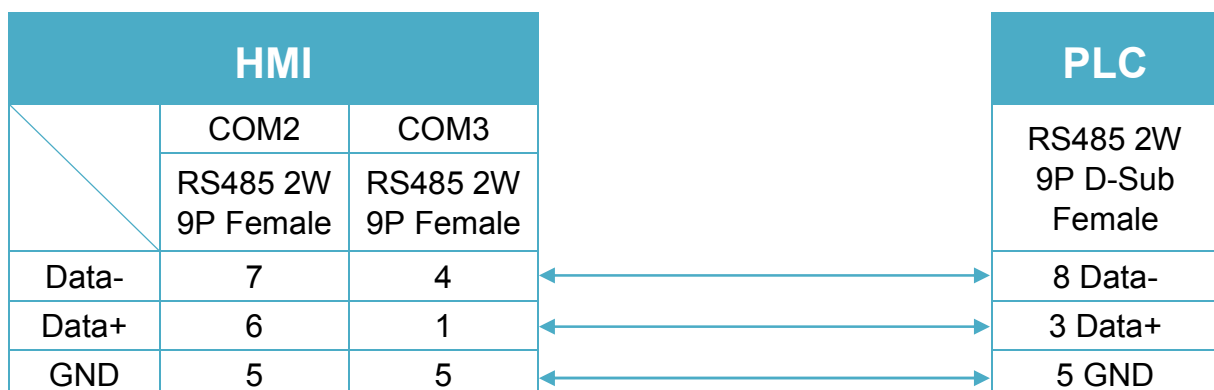
**eMT Series**                      *eMT3070 / eMT3105 / eMT3120 / eMT3150*



### Diagram 5

**cMT Series**                      *cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD*

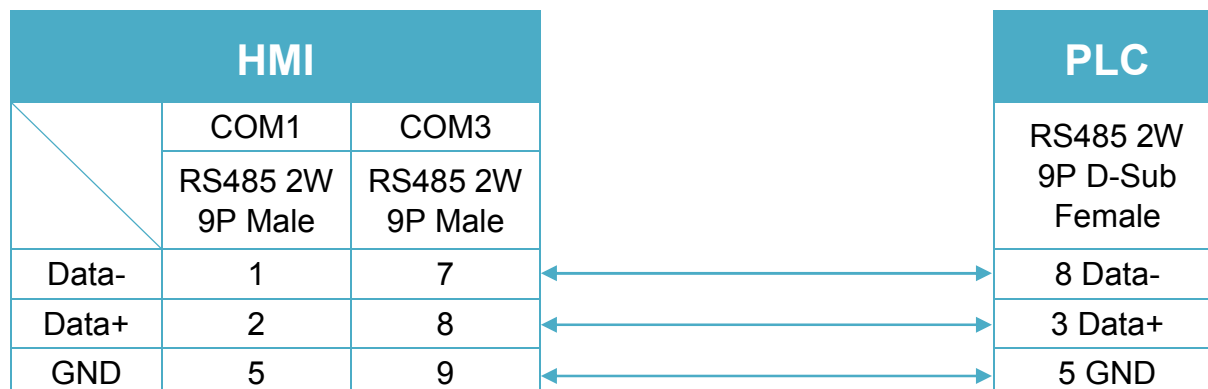
**mTV**                                      *mTV*



## Diagram 6

**MT-iE** *MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE*

**MT-XE** *MT8121XE / MT8150XE*



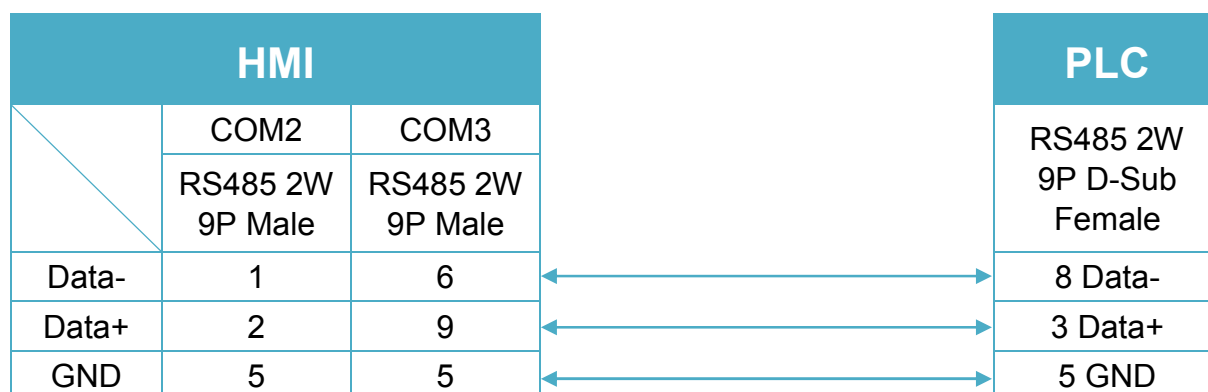
## Diagram 7

**cMT Series** *cMT3071 / cMT3072 / cMT3090 / cMT3103*

**MT-iE** *MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE /  
MT8101iE / MT8102iE / MT8103iE*

**MT-XE** *MT8090XE / MT8092XE*

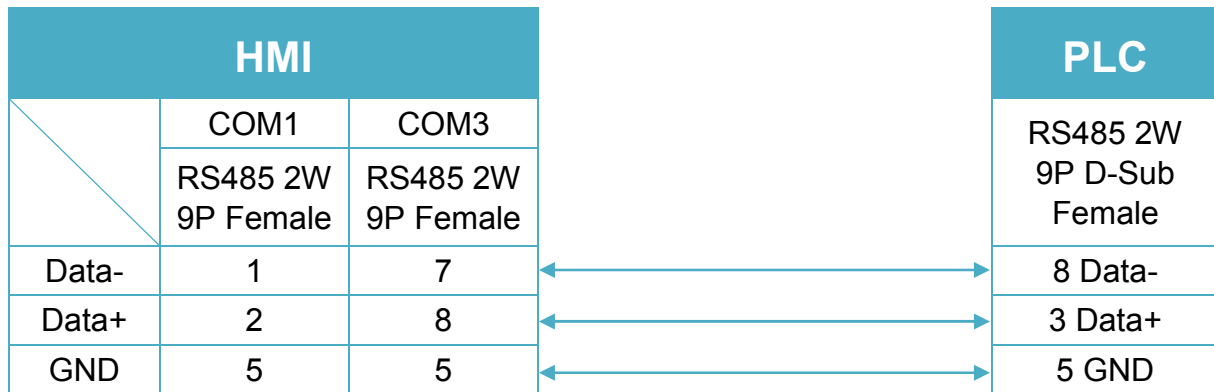
**MT-iP** *MT6103iP / MT8102iP*



## Diagram 8

**MT-iE** *MT8050iE / MT8053iE*

**MT-iP** *MT6051iP / MT8051iP*


**Diagram 9**
**MT-iP**
***MT6071iP / MT8071iP***

**Diagram 10**
**Ethernet cable:**
