

Arcus DMX-K-SA Series

Supported Series: Arcus DMX-K-SA Series.

Website: <http://www.arcus-technology.com/>

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	Arcus DMX-K-SA Series		
PLC I/F	RS232	RS232 / RS485 2W	
Baud rate	9600	9600 ~ 115200	
Data bits	8		
Parity	None		
Stop bits	1		
PLC sta. no.	1		

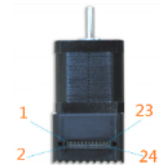
Device Address:

Bit/Word	Device Type	Format	Range	Memo
B	ABORT	D	0	
B	ABS	D	0	
B	CLR	D	0	
B	CLRS	D	0	
B	DI_Bit	D	1 ~ 6	
B	DO_Bit	D	1 ~ 3	
B	EDO	D	0	
B	EO	D	0	
B	H+	D	0	
B	H-	D	0	
B	J+	D	0	
B	J-	D	0	
B	L+	D	0	
B	L-	D	0	
B	LT	D	0	
B	MM	D	0	
B	MST	D	0 ~ 9	
B	POL	D	0 ~ 8	
B	RT	D	0	

Bit/Word	Device Type	Format	Range	Memo
B	SCV	D	0	
B	SL	D	0	
B	STORE	D	0	
B	SLOAD	D	0	
B	STOP	D	0	
B	Z+	D	0	
B	Z-	D	0	
B	ZH+	D	0	
B	ZH-	D	0	
W	ACC	D	0	
W	CUR	D	0	
W	CURI	D	0	
W	CURR	D	0	
W	DB	D	0	
W	DI	D	0	
W	DN	D	0 ~ 2	
W	DO	D	0	
W	DX	D	0	
W	EX	D	0	
W	HSPD	D	0	
W	ID	D	0 ~ 6	
W	LCA	D	0	
W	LSPD	D	0	
W	LTE	D	0	
W	LTP	D	0	
W	LTS	D	0	
W	PS	D	0	
W	PX	D	0	
W	SA	DDDD	0 ~ 1275	
W	SASTAT	D	0	
W	SLA	D	0	
W	SLE	D	0	
W	SLS	D	0	
W	SLT	D	0	
W	SR	D	0	
W	SPC	D	0	
W	SSPD	D	0	
W	SSPDM	D	0	

Bit/Word	Device Type	Format	Range	Memo
W	V	DD	0 ~ 99	
W	VER	D	0	
W	X	D	0	

Wiring Diagram:



RS-232 24P Connector (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*

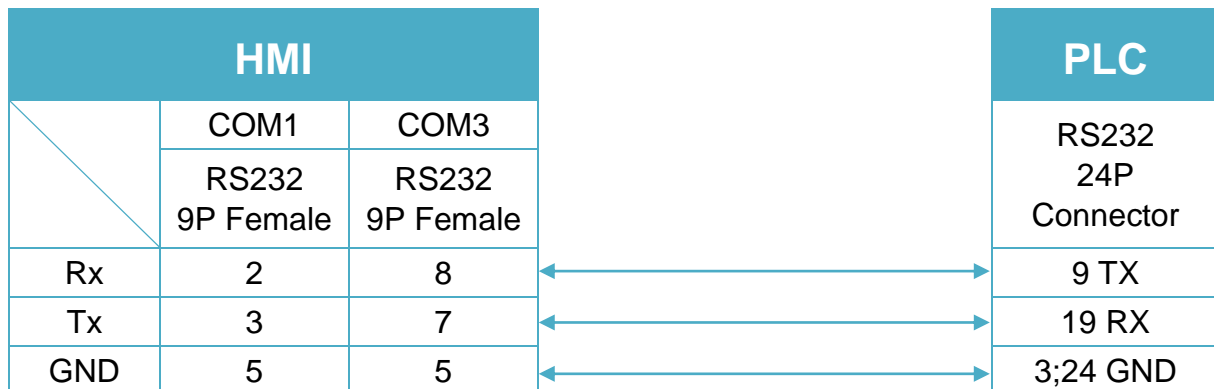


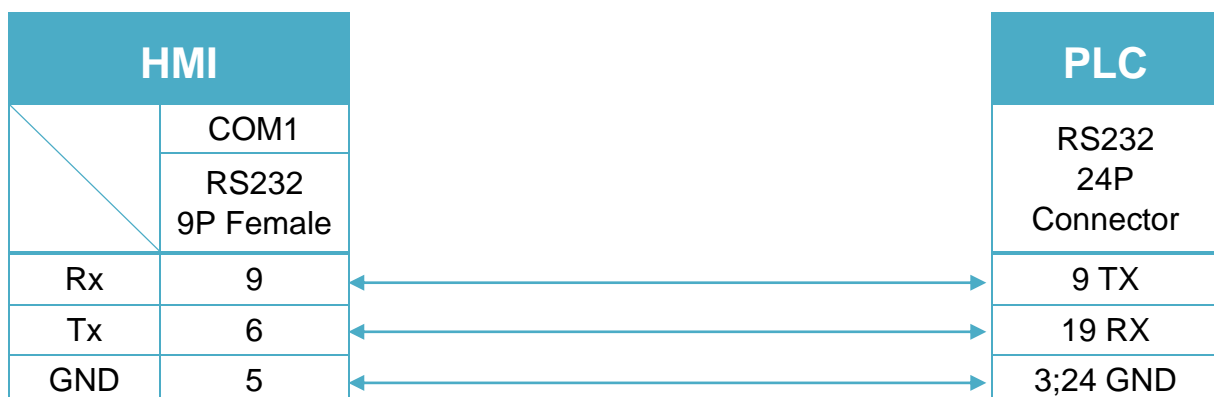
Diagram 2

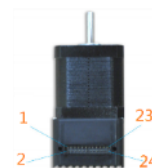
cMT Series	<i>cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD</i>
mTV	<i>mTV</i>
MT-iE	<i>MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE / MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE</i>
MT-XE	<i>MT8121XE / MT8150XE / MT8090XE</i>



Diagram 3

MT-iE	<i>MT8050iE / MT8053iE</i>
MT-iP	<i>MT6051iP / MT8051iP / MT6071iP / MT8071iP</i>





RS-485 2W 24P Connector (Diagram 4 ~ Diagram 9)

Diagram 4

cMT Series	<i>cMT3151</i>
eMT Series	<i>eMT3070 / eMT3105 / eMT3120 / eMT3150</i>

HMI					PLC
	COM1	COM3			RS485 2W 24P Connector
	RS485 2W 9P Male	RS485 2W 9P Male			
Data-	1	6	←	→	6 Data-
Data+	2	9	←	→	4 Data+
GND	5	5	←	→	3;24 GND

Diagram 5

cMT Series	<i>cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD</i>
mTV	<i>mTV</i>

HMI					PLC
	COM2	COM3			RS485 2W 24P Connector
	RS485 2W 9P Female	RS485 2W 9P Female			
Data-	7	4	←	→	6 Data-
Data+	6	1	←	→	4 Data+
GND	5	5	←	→	3;24 GND

Diagram 6

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

MT-XE *MT8121XE / MT8150XE*

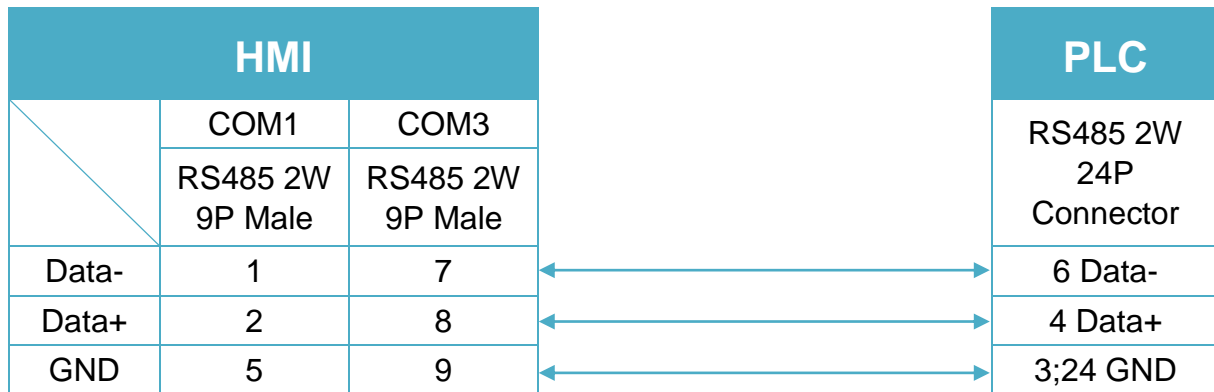


Diagram 7

cMT Series *cMT3071 / cMT3072 / cMT3090 / cMT3103*

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

MT-XE *MT8090XE / MT8092XE*

MT-iP *MT6103iP / MT8102iP*

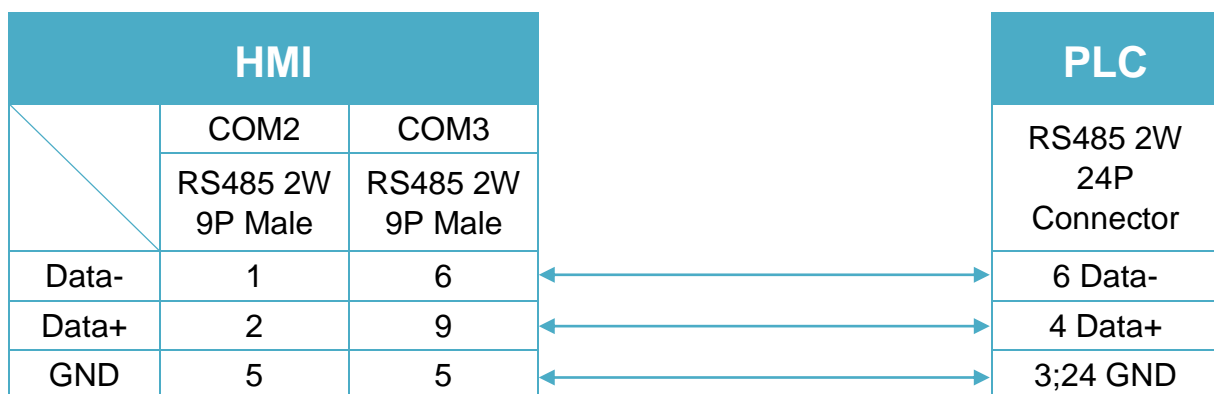


Diagram 8

MT-iE *MT8050iE / MT8053iE*

MT-iP *MT6051iP / MT8051iP*

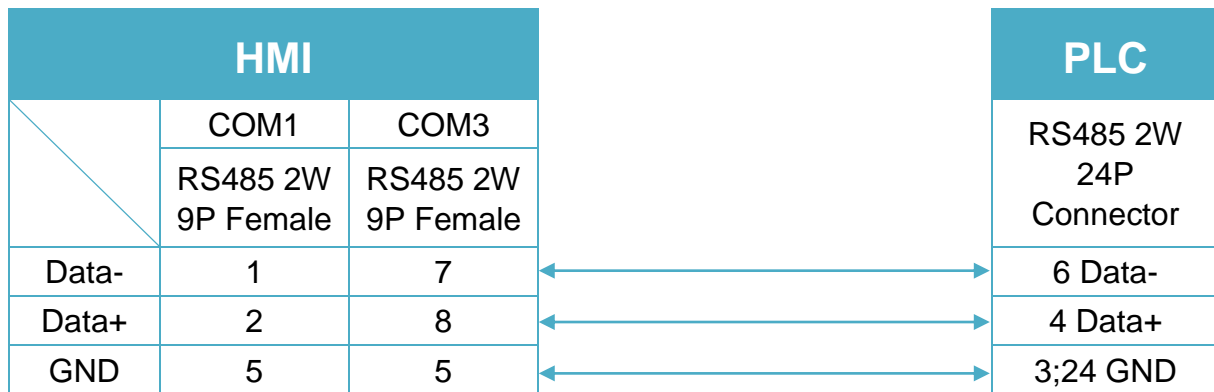


Diagram 9

MT-iP *MT6071iP / MT8071iP*

