CROUZET M3 (LAD)

HMI Setting:

Parameters	Recommended	Options	Notes
PLC type	CROUZET M3 (LAD)		
PLC I/F	RS232		
Baud rate	115200		
Data bits	7		
Parity	Even		
Stop bits	1		
PLC sta. no.	1		

*Support communications between HMI and PLC in pass-through mode

*Set LW-9903 to 2 to enhance the speed of download/upload PLC program in pass-through mode

When using pass-through, the driver will stop communication between HMI and PLC.

Device Address:

Bit/Word	Device type	Format	Range	Memo
B	I	DD	1 ~ 99	Input (default: 1 ~ 4)
B	O	DD	1 ~ 99	Output (default: 1 ~ 4)
B	M	DD	1 ~ 28	Relay
B	SLI_Bit	DDh	10 ~ 24f	Serial link input
B	SLO_Bit	DDh	250 ~ 48f	Serial link output (read only)
B	State	D	1	State in PLC (read only)
W	T	DD	1 ~ 12	Timer
W	C	DD	1 ~ 16	Counter
W	AI	DD	1 ~ 99	Analogy input (default: 1 ~ 4)
W	SL_IN	DD	1 ~ 24	Serial link input
W	SL_OUT	DD	25 ~ 48	Serial link output (read only)
W	Time	D	1 ~ 6	Time & Day *
W	Order	D	1	Command (write only) **

* address 1: second, address 2 : minute, address 3 : hour , address 4 : day, address 5 : month, address 6 : year .The value range for “Year” is 0~99, entering “0” represents year 2000, entering “99” represents year 2099.

** run mode write 2, stop mode write 1.

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Wiring Diagram:

Diagram 1

RS-232 (CROUZET M3: 9P D-Sub)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI		PLC
Link		RS232 9P D-Sub (Extension cable)
Rx	⟷	2 TX
Tx	⟷	3 RX
GND	⟷	5 GND
RTS	⟷	4 DTR

★Suitable for HMI models with RTS communication pins

Diagram 2

RS-232 (CROUZET M3: 9P D-Sub)

The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI*		PLC
Link		RS232 9P D-Sub (Extension cable)
Rx	⟷	2 TX
Tx	⟷	3 RX
GND	⟷	5 GND
TX+ (RS485)	⟷	4 DTR

★Suitable for 4.3-inch HMI.

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Diagram 3

RS-232 (CROUZET M3: 9P D-Sub)

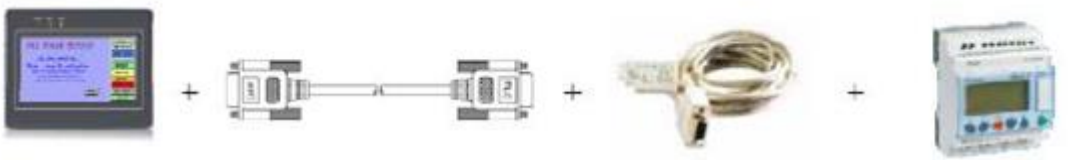
The serial port pin assignments may vary between HMI models, please click the following link for more information.

HMI*		PLC
Link		RS232 9P D-Sub (Extension cable)
Rx	⟷	2 TX
Tx	⟷	3 RX
GND	⟷	5 GND
0V External Power Supply	⟷	
+5V External Power supply	⟷	4 DTR

★Suitable for External Power Supply.

(3m serial link cable)

Note: Please use 3m serial link cable (Accessories from Millenium 3) and extension cable (as shown) to communicate with HMI series.



HMI + User's cable + 88970102 + Millenium 3

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