



Manuale connessioni Weintek verso PLC Elsist

ELSIST S.r.l.
Sistemi in elettronica

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1 ELSIST MODBUS RTU/ASCII

Supported devices: SlimLine & Netsyst controllers RS232/485

Website: www.elsist.it

1.1 HMI SETTING

Parameters	Recommended	Options	Notes
PLC type	SlimLine/Netsyst III RTU	SlimLine/Netsyst III RTU/ASCII	
PLC I/F	RS232/RS485	RS232/RS485	
Baud rate	115200	9600/19200/38400/57600/115200	
Data bits	8	7,8	
Parity	Even	Even, Odd, None	
Stop bits	1	1, 2	
PLC sta. nr	1	0-254 (255 Broadcast)	

1.2 PLC SETTING

Communication mode	Modbus RTU (ASCII protocol option)
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1.3 DEVICE ADDRESS

Bit/Word	Device type	Format	Range	Memo
B	%MX	DDDDD	1 - 65535	0x01 Read coil 0x05 write single coil
B	%MW_Bit	DDDDDdd	100 - 6553515	0x03 Read holding register 0x06 write single register
W	%MW	DDDDD	1 - 65535	0x03 Read holding register 0x10 write multiple registers
DW	%MWD	DDDDD	1 - 65535	0x03 Read holding register 0x10 write multiple registers

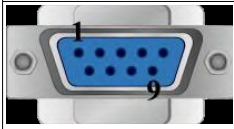

1.4 WIRING DIAGRAMS

Elsist SlimLine/Netsyst controllers Modbus RTU/ASCII

eMT3000 series

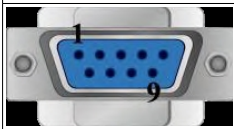

COM1 RS232 9P D-Sub Female	COM3 RS232 9P D-Sub Female	COMx RS232 RJ45 Male
2 RX	8 RX	6 TXD
3 TX	7 TX	5 RXD
5 GND	5 GND	4 GND
		

CMT/mTV series

COM1 RS232 9P D-Sub Female			COMx RS232 RJ45 Male
2 RX			6 TXD
3 TX			5 RXD
5 GND			4 GND
			



MT8000iE series (except MT8050iE)

MT6103iP

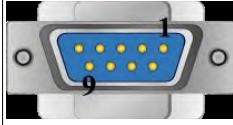
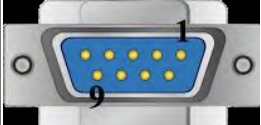
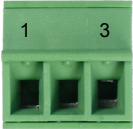
COM1 RS232 9P D-Sub Female			COMx RS232 RJ45 Male
2 RX			6 TXD
3 TX			5 RXD
5 GND			4 GND
			

MT6051iP MT8051iP MT8050iE

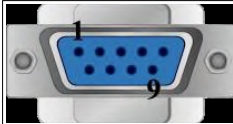
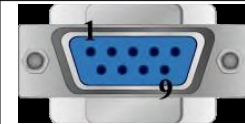
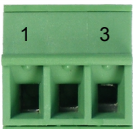
MT6071iP MT8071iP

COM1 RS232 9P D-Sub Female			COMx RS232 RJ45 Male
9 RX			6 TXD
6 TX			5 RXD
5 GND			4 GND
			

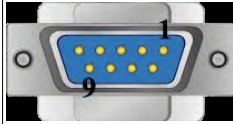
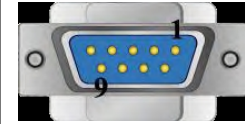
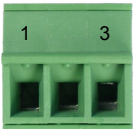
eMT3000 series

COM1 RS485 2W 9P D-Sub Male	COM3 RS485 2W 9P D-Sub Female		RS485 2W 3-Way TB
1 Data-	6 Data-		2 D-
2 Data+	9 Data+		1 D+
5 GND	5 GND		3 GND
			



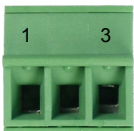
CMT/mTV series

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 3-Way TB
7 Data-	4 Data-		2 D-
6 Data+	1 Data+		1 D+
5 GND	5 GND		3 GND
			


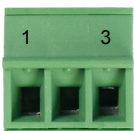
MT8000iE series

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 3-Way TB
1 Data-	7 Data-		2 D-
2 Data+	8 Data+		1 D+
5 GND	9 GND		3 GND
			

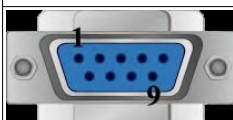

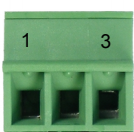
MT6051iP MT8051iP MT8050iE

COM1 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 3-Way TB
1 Data-	7 Data-		2 D-
2 Data+	8 Data+		1 D+
5 GND	5 GND		3 GND
			

MT6071iP MT8071iP

COM2 RS485 2W 9P D-Sub Female			RS485 2W 3-Way TB
1 Data-			2 D-
2 Data+			1 D+
5 GND			3 GND
			

MT6103iP

COM2 RS485 2W 9P D-Sub Female	COM3 RS485 2W 9P D-Sub Female		RS485 2W 3-Way TB
1 Data-	6 Data-		2 D-
2 Data+	9 Data+		1 D+
5 GND	5 GND		3 GND
			

2 ELSIST TCP/IP

Supported devices: SlimLine & Netsyst controllers Ethernet TCP/IP

Website: www.elsist.it

2.1 HMI SETTING

Parameters	Recommended	Options	Notes
PLC type	SlimLine/Netsyst III Eth		
PLC I/F	Ethernet		
Port no.	502		
PLC sta. nr	1	0-254 (255 Broadcast)	

2.2 PLC SETTING

Communication mode	Modbus TCP/IP
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2.3 DEVICE ADDRESS

Bit/Word	Device type	Format	Range	Memo
B	%MX	DDDDD	1 - 65535	0x01 Read coil 0x05 write single coil
B	%MW_Bit	DDDDDdd	100 - 6553515	0x03 Read holding register 0x06 write single register
W	%MW	DDDDD	1 - 65535	0x03 Read holding register 0x10 write multiple registers
DW	%MWD	DDDDD	1 - 65535	0x03 Read holding register 0x10 write multiple registers

2.4 WIRING DIAGRAMS

Direct connection (crossover cable)

HMI RJ45 Male	Wire color	PLC RJ45 Male
1 TX+	White/Orange	3 RX+
2 TX-	Orange	6 RX-
3 RX+	White/Green	1 TX+
4 BD4+	Blue	4 Not Used
5 BD4-	White/Blue	5 Not Used
6 RX-	Green	2 TX-
7 BD3+	White/Brown	7 Not Used
8 BD3-	Brown	8 Not Used



Through a hub/switch (pin-to-pin cable)

HMI RJ45 Male	Wire color (T568B)	PLC RJ45 Male
1 TX+	White/Orange	1 TX+
2 TX-	Orange	2 TX-
3 RX+	White/Green	3 RX+
4 BD4+	Blue	4 Not Used
5 BD4-	White/Blue	5 Not Used
6 RX-	Green	6 RX-
7 BD3+	White/Brown	7 Not Used
8 BD3-	Brown	8 Not Used
