

EZMarquee communications using Modbus TCP/IP Protocol

Open the EZMarquee Programming Software and select

Marquee Communications Setup.

The following Screen will be displayed.

essages PC Comn	nunication Setup Ma	rquee Communication Setup	Message Database	About
You can setup netw dialog box, OR you o end the code to the Network Type	orking parameters for f can generate ASCII str Marquee Ethernet	Marquees with Ethernet, Devi ings for the setup and use yo	ceNet or Profibus option fr ur own application of Hype Set to I	om this erterminal to Default Values
O DeviceNet	IP Address	192 . 168 . 0 . 2	Disal	ole Network
O Profibus - DP	Subnet Mask	255 . 255 . 255 . 0	(Program) paramete	nming new ers automatically
Protocol ○ None ○ Ethernet/IP Slave ③ Modbus TCP/IP Slave	Gateway Address Unit ID:	0.0.0.0	Marquee A Group Unit Use Com Generat	Address 0 V 0 V 1 V e String
Generated String You can copy and p	aste generated ASCII :	string in your application	Program	Marquee
			н	elp

Enter the following settings for the Marquee Display.

Select Ethernet.

Select Modbus TCP/IP Slave.

Set the IP Address, Subnet Mask, Gateway Adress of the Marquee. (Example: IP Address 192.168.0.2. Subnet: 255.255.255.000)

Select the Modbus Unit ID of the Marquee. (Example: Address 5)

Select Program Marquee.

The Marquee is now set up to communicate with f.i. a PLC over the Ethernet using the Modbus Protocol.

The Marquee is Slave and has to receive Data from a Modbus Master.

The Registers where the Messages are sent to starts with Register 40001. The Message String can be max. 256 Registers long.

Address 40001 is an output Register for the Marquee and counts the number of messages processed.

Address 40002 is the first input Register to send Data to.

When you program the PLC, set up the Slave Parameters in the PLC to communicate with the EZMarquee. (Ethernet address and Unit ID set in the EZMarquee).

When your send f.i. UTICOR to Register 40002 through 40004, the Message UTICOR will be displayed on the Marquee.

You can use the Marquee Commands described in the Marquee Manual to clear the display etc.



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