



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for THOMSON MPC-ETN. You'll find the answers to all your questions on the THOMSON MPC-ETN in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual THOMSON MPC-ETN
User guide THOMSON MPC-ETN
Operating instructions THOMSON MPC-ETN
Instructions for use THOMSON MPC-ETN
Instruction manual THOMSON MPC-ETN



Quick Installation Guide for MPC-ETN

The Thomson Technology MPC-ETN is a multi-protocol converter and Serial-Ethernet media converter. This Quick Installation Guide will describe the method to interface a PC to either a MEC 20 or TSC 800 controller over an RS485/232 serial interface.

Check Components:

Unpack and ensure that all components are in good condition.

Qty	Description
1	MPC-ETN protocol converter
2	RJ45 to DB9M Converter
1	RJ45 to DB9F Converter
1	6ft Ethernet Cable (CAT5)
1	10ft Ethernet Cable (CAT5)
1	Software & Documentation CD-ROM

Gateway Utility Software – Download the latest from www.thomsontechnology.com

Customer Required Components:

Qty	Description
1	Ethernet Cable
1	24VDC power supply (min 12Vdc, max 30Vdc), 100mA max.

NOTES:

- Your IT SUPPORT GROUP must assign a 'Static IP Address' to the MPC-ETN. The 'Static IP Address' is required so that the MPC-ETN device will work correctly on your Ethernet Network.
- Modscan32 software is needed for Check/Verification of the MPC-ETN setup. Download Modscan32 from the following link - <http://www.win-tech.com/html/demos.htm> - [ModScan32.zip \(851K\)](#). Follow the Setup Wizard for the installation of the Modscan32 Software.

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Manual abstract:

The 'Static IP Address' is required so that the MPC-ETN device will work correctly on your Ethernet Network. 2. Modscan32 software is needed for Check/Verification of the MPC-ETN setup. Download Modscan32 from the following link - <http://www.win-tech.com/html/demos.htm> - ModScan32.zip (851K) . Follow the Setup Wizard for the installation of the Modscan32 Software. THOMSON TECHNOLOGY 9087A 198 STREET, LANGLEY, BC CANADA V1M 3B1 TELEPHONE: (604) 888-3381 EMAIL: info@thomsontechnology.com

www.thomsontechnology.com PM086 REV 1 08/08/28 th Quick Installation Guide for MPC-ETN Assemble Cables: Cable 1: Insert one end of the 10ft Ethernet cable into the connector labeled MPC-COM1 (RS485). Programming Cable: Insert one end of the 6ft Ethernet cable into the connector labeled MPC-COM2 (RS232). Insert the other end of the 6ft Ethernet cable into the connector labeled PC.

THOMSON TECHNOLOGY 9087A 198 STREET, LANGLEY, BC CANADA V1M 3B1 TELEPHONE: (604) 888-3381 EMAIL: info@thomsontechnology.com www.thomsontechnology.com PM086 REV 1 08/08/28 th Quick Installation Guide for MPC-ETN Start Up: . . . Connect 24VDC to the power input connector on the MPC-STD. Make sure that the Protective Earth of the power supply is connected to the Earth connection of the MPC-ETN Power up the MPC-ETN and start ModbusTM communications with the Thomson Technology device (i.

e. MEC20 or TSC800). Refer to the MPC-ETN default ModbusTM map for MEC20/TSC800 parameter addresses found on included CD-ROM. . Modbus map [mec20-R*.pdf](#) . Modbus map [tsc800-R*.pdf](#) NOTE: Only used for Programming MPC-ETN. @@@@ Power up the MPC-ETN. The green OK light will blink steadily for approximately 10s. This indicates that the MPCETN is in upload/download mode. @@Click the Select All button then Download.

(Cycle power to the MPC-ETN if necessary.) 6. Once download is complete a confirmation will appear. Click OK to re-start the Gateway. 7. @@@@ (i.e. MEC20 or TSC800) 2. @@@@ 2. Connect the other end of the customer supplied Ethernet cable to the desired Ethernet network.

NOTE: . The Ethernet LED will be LIT 'Green' if connection is good . The PC must reside in the same LAN subnet. I.E. 10.50.

1.100 THOMSON TECHNOLOGY 9087A 198 STREET, LANGLEY, BC CANADA V1M 3B1 TELEPHONE: (604) 888-3381 EMAIL: info@thomsontechnology.com www.thomsontechnology.com PM086 REV 1 08/08/28 th Quick Installation Guide for MPC-ETN Check/Verify Communication to MPC-ETN device: 1.

Connect PC to Ethernet port on the MPC-ETN and Thomson Technology controller (MEC20/TSC800) to COM1 on the MPC-ETN NOTE: Laptop connected directly to the MPC-ETN port will require a 'Cross Over' cable 2. IP Address PING Test Select Start found at the bottom left of your screen. Select Run.

Select Start found at the bottom left of your screen. Select Run. THOMSON TECHNOLOGY 9087A 198 STREET, LANGLEY, BC CANADA V1M 3B1 TELEPHONE: (604) 888-3381 EMAIL: info@thomsontechnology.com www.thomsontechnology.com PM086 REV 1 08/08/28 th Quick Installation Guide for MPC-ETN Type: the work 'ping' then leave a 'space', then type 'Static IP Address', then Press ENTER. (1.

E. ping 10.50.1.199) Your system should return something similar to the screen shot on the left if your connection and setup is correct. The test may need additional support from your IT SUPPORT GROUP. THOMSON TECHNOLOGY 9087A 198 STREET, LANGLEY, BC CANADA V1M 3B1 TELEPHONE: (604) 888-3381 EMAIL: info@thomsontechnology.com www.thomsontechnology.com PM086 REV 1 08/08/28 th Quick Installation Guide for MPC-ETN 3.

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