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Mitsubishi A/Q/FX Series TCP/IP Master Driver

Information Sheet for Crimson

Compatible Devices

Mitsubishi A, Q or FX series PLC fitted with appropriate Ethernet communications module.

Verified Device

Mitsubishi Q02H CPU via QJ71E71-100 Module
Mitsubishi Fx3u-32M CPU via FX3u-ENET Module

Supported Communication Modes

Only Binary Code communications are supported.

Accessible Data

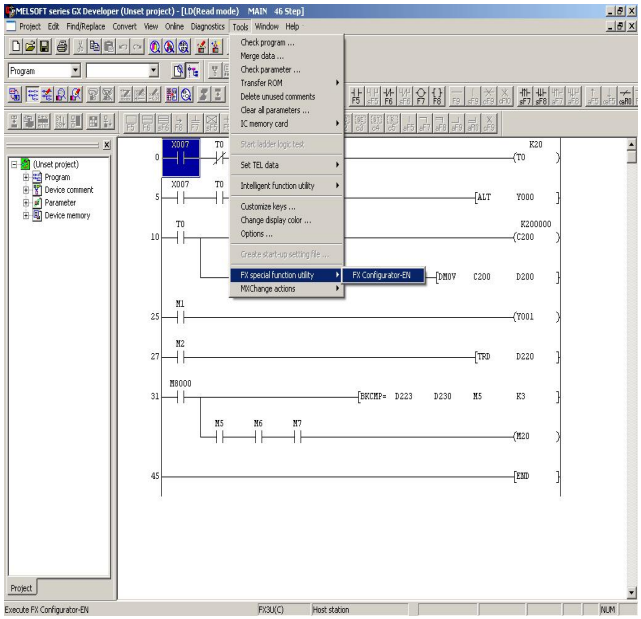
Prefix	Description	Access
X	Input	Read / Write
Y	Output	Read / Write
M	Internal Relay	Read / Write
F	Annunciator	Read / Write
B	Link Relay	Read / Write
D	Data Register	Read / Write
W	Link Register	Read / Write
T	Timer Current Value	Read / Write
C	Counter Current Value	Read / Write

Cable Information

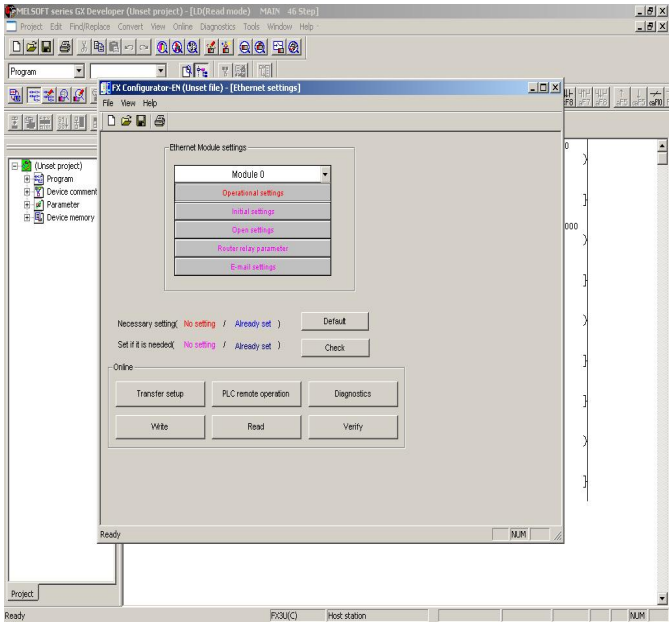
Standard 10-Base-T Ethernet Cable

Mitsubishi FX Quick Configuration Guide via FX Configurator-EN

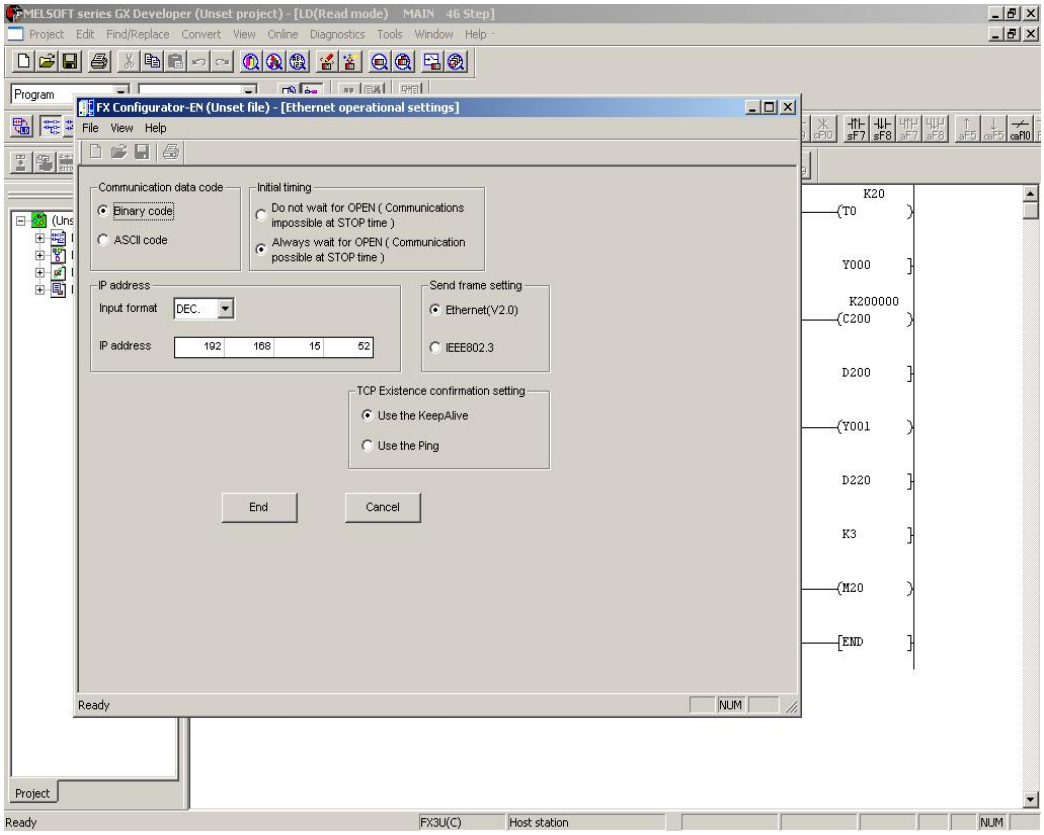
FX Configurator-EN, an ethernet configuration tool offered by Mitsubishi is accessed through Mitsubishi's MELSOFT Series GX Developer. In GX Developer, select Tools->FX special function utility.



In FX Configurator-EN select the Module number that coincides with the position of the ENET module.

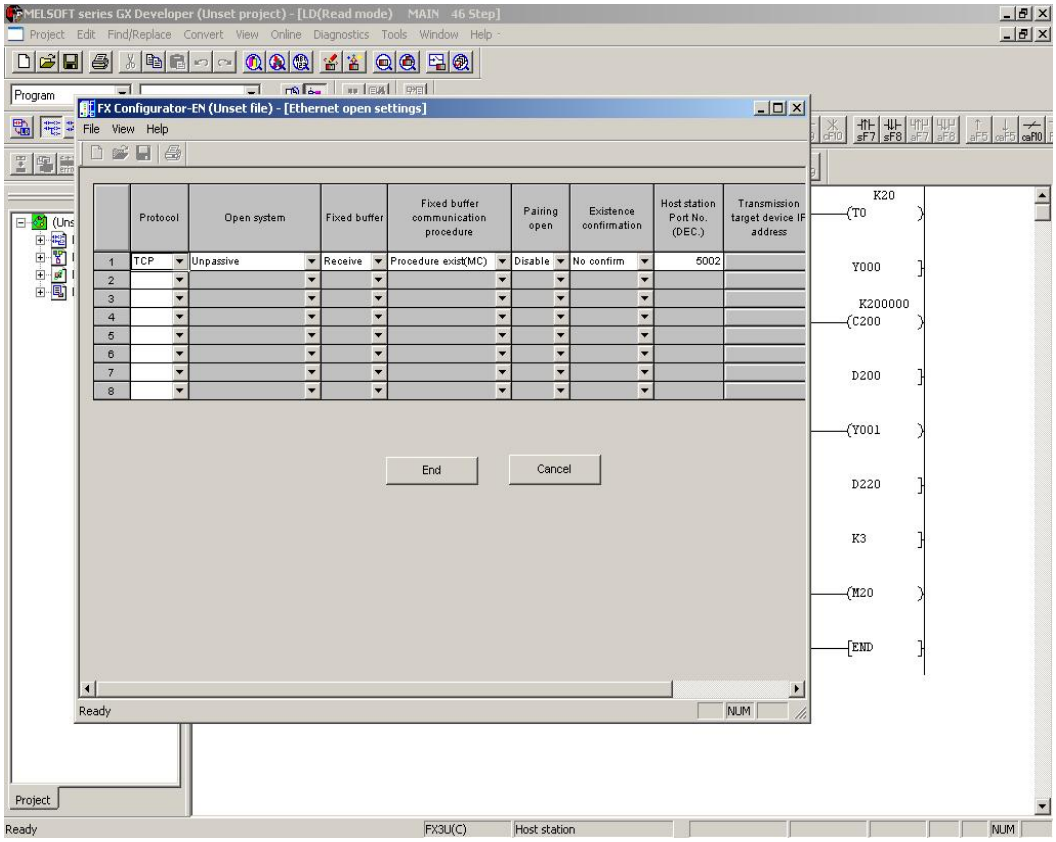


Click on the “Operation settings” button.



Set the IP Address according to the network application. Set all other settings as indicated above.

Next, Click on the “Open settings” button.



Configure a TCP setting as shown above. Please note that the Host Station Port Number should be set equivalent to the Port Number set for the FX’s TCP connection in Crimson 2.0.

Select the “Write” button within FX Configurator-EN to send the configuration to the FX ethernet module. Please note, the FX ethernet module will need to be re-initialized before new settings will be in effect.