Title: MultiFlex ETH 1000 Series Digital I/O Configuration Panel
Products(s): All MultiFlex ETH 1000 Series Ethernet motion controllers
Keywords: MultiFlex ETH, Digital I/O Configuration
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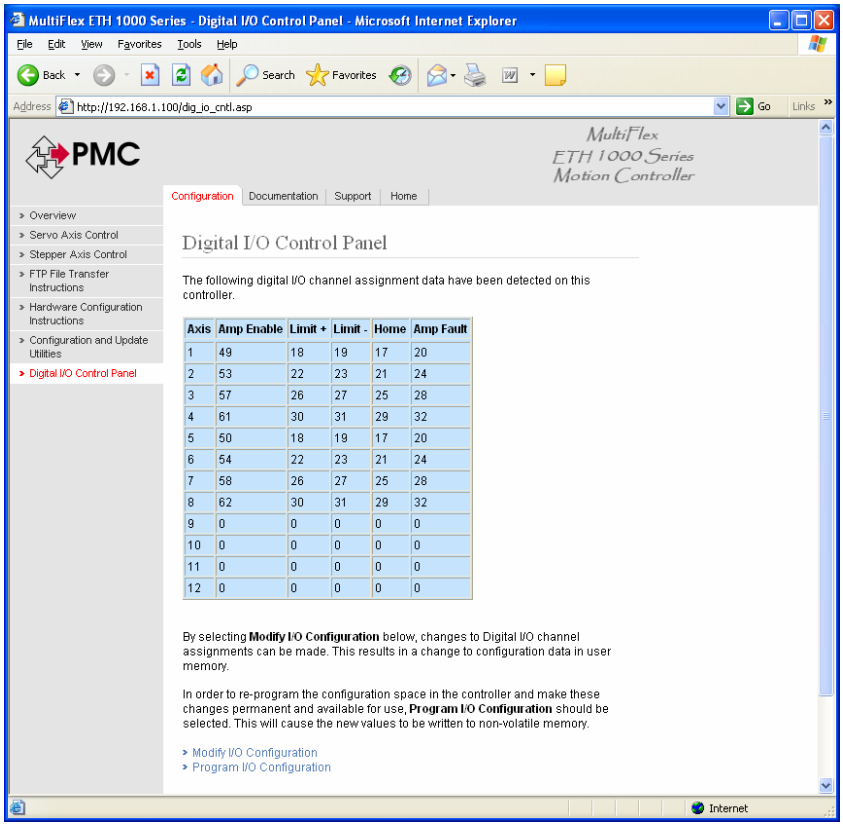
Summary

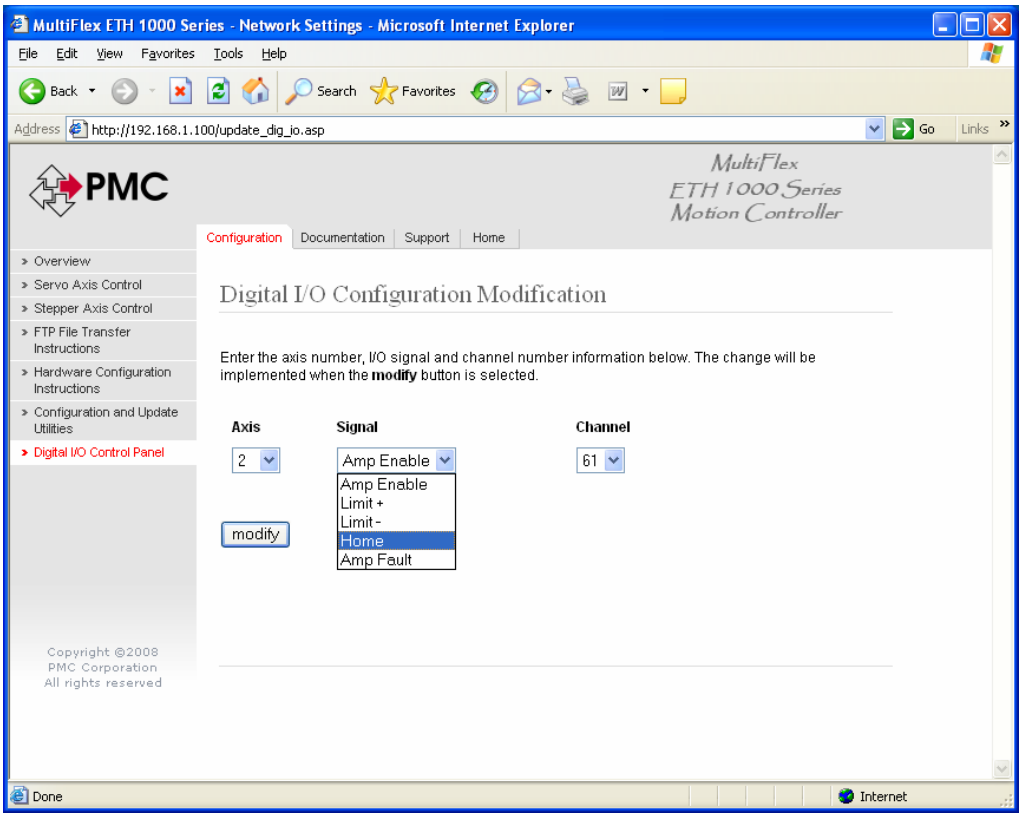
PMC's MultiFlex ETH 1000 Series motion controllers provide a web browser-based utility to allow the user to configure the digital I/O channels for dedicated axis functions such as limits and home sensor inputs and amplifier enable outputs.

More Information

The MultiFlex ETH 1000 Series controllers feature a web server with several configuration functions. It can be accessed by entering http://192.168.1.100 in the browser URL line. After selecting the Configuration tab, the Digital I/O Control Panel can be selected, as shown below.



The current channel mappings for the controller will be displayed, as well as two links, the first of which is **Modify I/O Configuration**. This link selects a page containing list boxes that allow selection of axis, input/output signal and channel number, as shown below.



The **Modify** button will record the selected I/O channel assignment in controller memory. This operation can be repeated until all assignments have been made.

The reconfigured I/O channel data will persist only as long as power is applied to the controller. If the user wishes to make the changes permanent, control should return to the Digital I/O Configuration Panel and the **Program I/O Configuration** link should be selected. Doing so will result in the configuration data being written to non-volatile flash memory in the controller. The controller will then apply this data on subsequent power-up cycles to configure the axis I/O.