

CONTROLS & DRIVES LTD

The Industrial Automation Specialists



Technical Tip

Finding Device Registers in **GX Works 3**















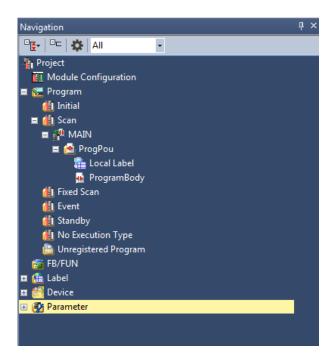


Technical Tip

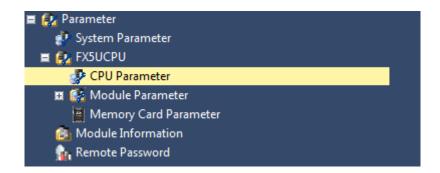
Finding Device Registers in GX Works 3 (IQ-F PLC)

This technical shows you how to find registers in parameters to change latch range in your PLC project using GX Works 3.

1) Please find the Navigation pane on the left hand side in GX works 3 and click on 'Parameter' to expand. (highlighted below)

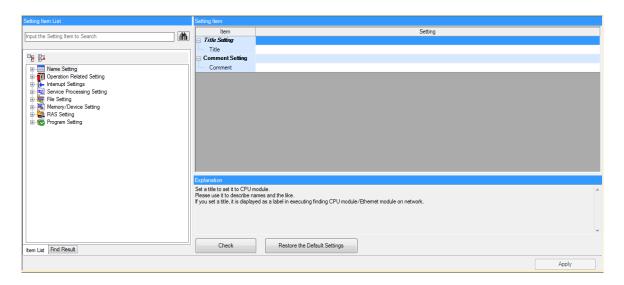


2) Click on 'FX5UCPU' to expand followed by 'CPU Parameter' (see below)

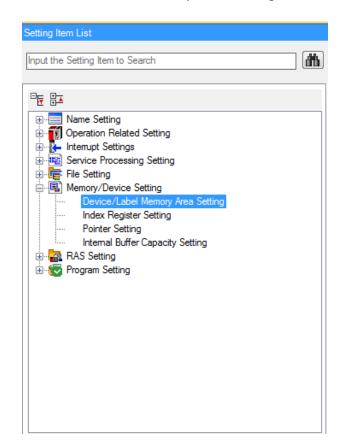




3) This screen will pop up on your main working area.



4) Click on to expand 'Memory/Device Setting' followed by 'Device/Label Memory Area Setting'





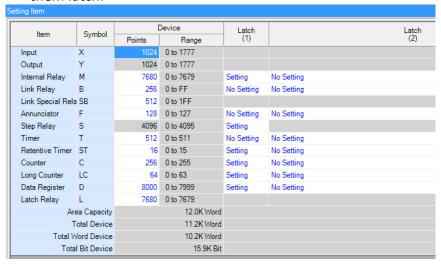
5) This screen will appear



6) Double Click on Device (high speed) Setting, < Detailed Setting>

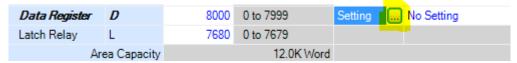


7) You have now found your devices, where you can change and alter ranges and make them latch.

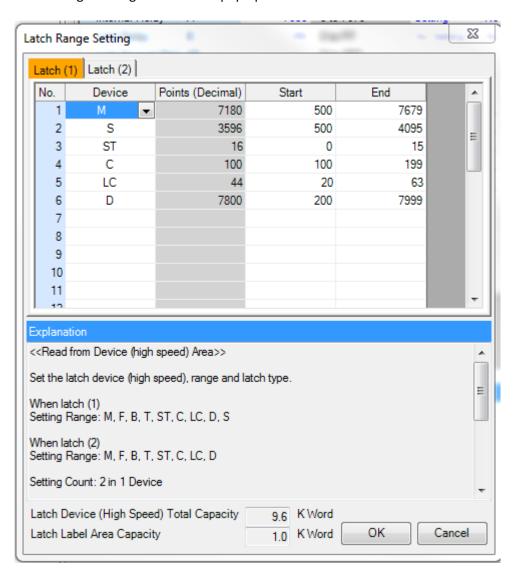




8) This example for D Registers f you click on Latch (1) 'Setting' and 3 dots button you will access the changeable area for Latch D Registers.



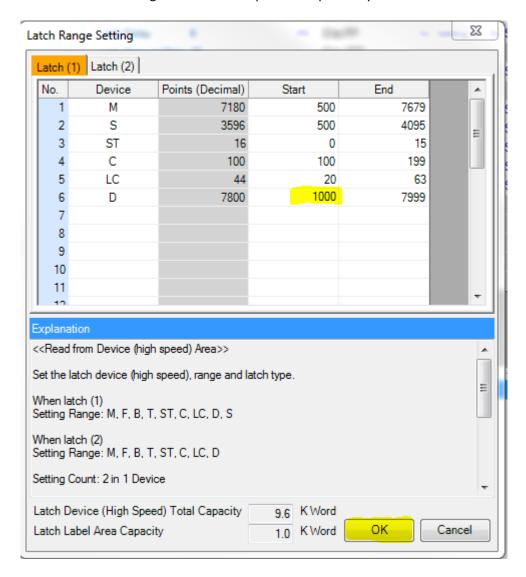
'Latch Range Setting' Window will pop up.



This Box Shows your default Latch ranges for your common Devices and where you can change them. You can clear see the Latch range for D registers is 200 to 7999. Therefore D200 to D7999 are all latched or in other words retentive.



9) If you change any of these setting, In this example 'Start 1000' you must click on 'ok' and write these settings to the PLC and perform a power cycle.



10) If you are using an IQ-R this is the same principle except you click on the following to access this area...

