
How to change an External Numeric, Boolean or Pulse value in ION Setup?

Summary

The versions of ION Setup 2.1 and above allow External Numeric, Boolean or Pulse values to be changed in ION Setup itself.

Keywords

External Numeric, Boolean, Pulse, ION Setup, trigger

Symptoms

When using ION Setup, one may want to change the External Numeric, Boolean or Pulse values without using VISTA as an interface.

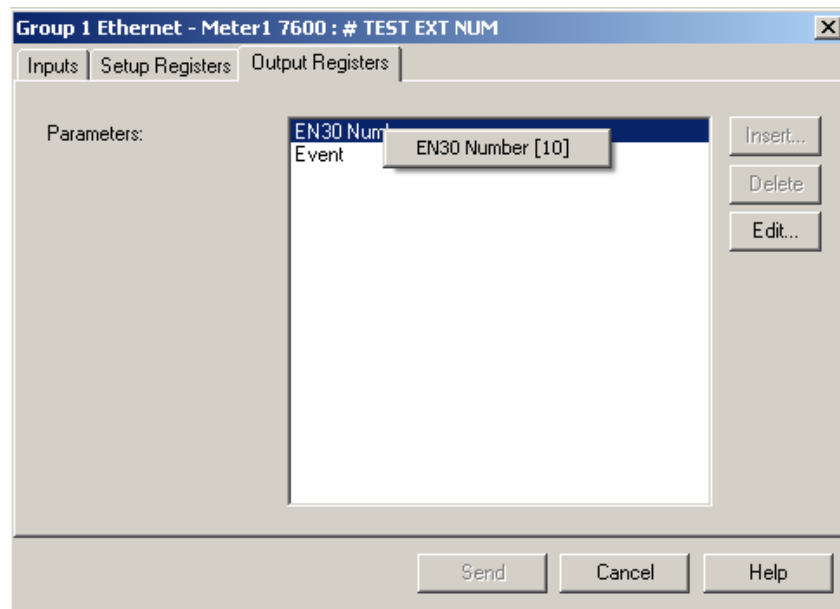
Resolution

In ION Setup:

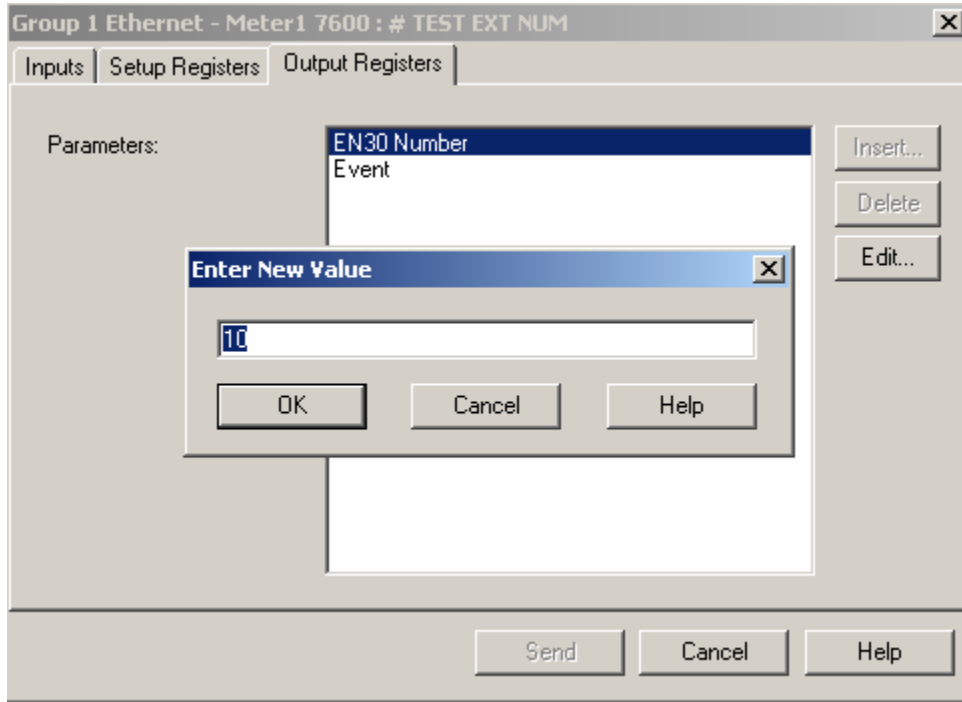
- Open the External Numerical, Boolean or Pulse module.
- Click the Output Registers tab.
- Hold Shift and click the module's output register.

1) For External Numerical Registers:

- 'ENxx Number [yy]' shows up.
(Where xx: module number and yy: current external numerical value)



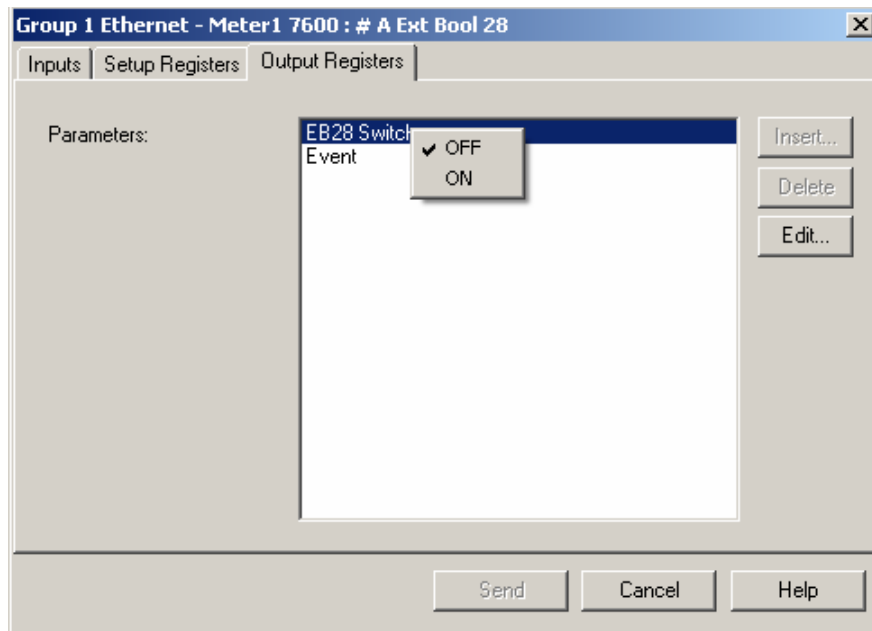
- Left-click on the 'Enxx Number [yy]' box. A dialog box shows up that prompts to enter a value (see figure below).



- Enter a new value and click OK to edit the external numerical value.

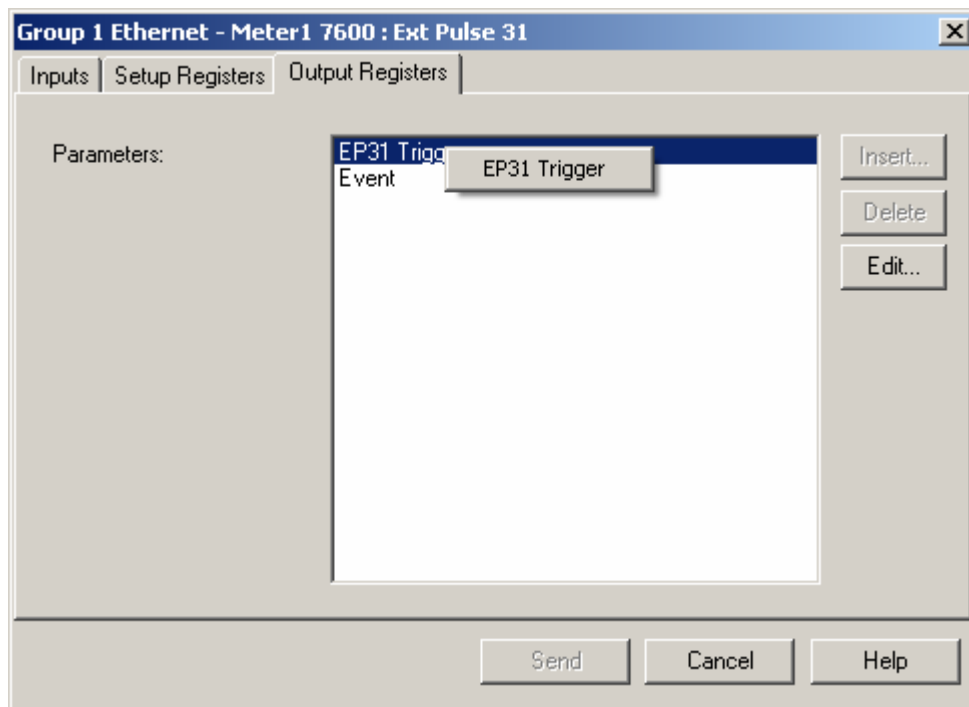
2) For External Boolean Registers:

- 'OFF/ ON' option shows up (see figure below).



- Choose 'ON' or 'OFF' to change Boolean to true or false respectively.

- 3) For External Pulse Registers:
- 'EPxx Trigger' shows up (see figure below).
(Where xx: module number)



- Click on the 'EPxx Trigger' dialog box to send a trigger pulse.