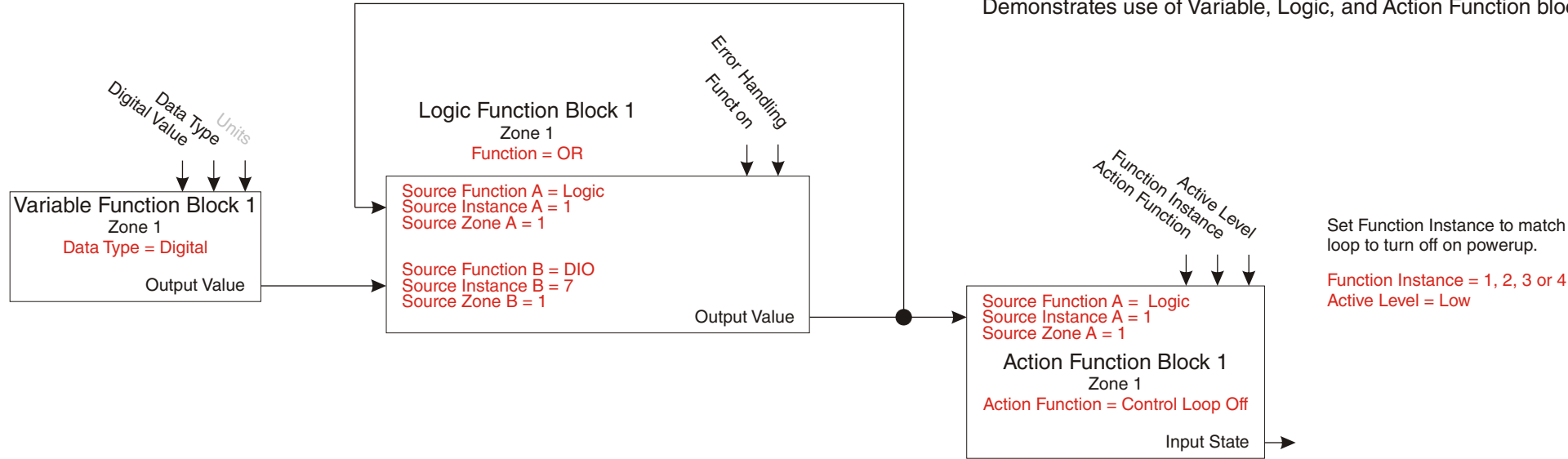


Typical control mode to off on power up diagram - 2 of 2

Example 41B - Automation of control mode set to 'Off' when controller powers up.

Real world example is where a customer does not want the controller to control until they write to variable ON then OFF with PLC/HMI to place the control mode to auto (closed loop). It remains in auto unless the power is removed and reapplied,.

Demonstrates use of Variable, Logic, and Action Function blocks.



On every power cycle, the output of the logic function will be Off, causing the action function to be On. The result is a control mode set to Off. Writing the variable to ON, then OFF causes the control mode to switch to Auto. The logic function is latched On and is reset only on a power cycle.



Information Flow