

Modicon (984LL) Toggle Bit Circuit

The Toggle Bit logic circuit provides the ability to turn a bit ON (bit=1) with the first action and then turn the bit OFF (bit=0) with the next action. The state of the Output changes each time the Input is energized (bit=1)



Functional Description:

When the Toggle Button, switch, input or bit is turned ON (bit=1), the first time, the Toggled Output also turns ON (bit=1). The Toggle Button, switch, input or bit can then be turned OFF (bit=0) and the Toggled Output will stay ON (bit=1). The next time the Toggle Button, switch, input or bit is turned ON (bit=1) the Toggled Output will turn OFF (bit=0). Each time the Toggle Button, switch, input or bit is turned ON (bit=1) the Toggled Output will change state.

Address	Description	Function
100010	Toggle Push Button	Provides toggle action. Input can be maintained or momentary because of the use of the transitional contact.
000003	Toggled Output	Each time the Toggle Button input is turned ON (bit=1) the output will change state.
000103	Toggle Break Bit	Internal bit is used to break the sealin of the Toggled Output turning the Toggled Output OFF (bit=0) if it was ON (bit=1)..