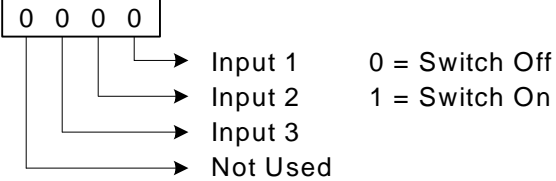
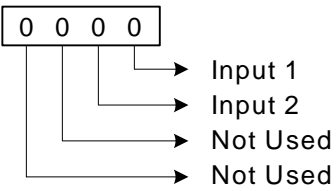


TR400 Modbus Variables

Modbus variables and descriptions

Var #	Variable Name	Description
20	*Modbus Node Address	The node address is the address where the TR400 resides on the Modbus network.
21	Modbus Baud Rate	The communication speed of the Modbus network. Valid settings are: 0 = 2400 1 = 4800 2 = 9600 3 = 19200 4 = 34800
22	Analog Output Cutoff Percentage	The cutoff percentage is the percent of full scale that the analog output is cut off. It prevents the analog output from tapering off too slowly. It can be set for "0" to "10" percent of full scale.

Modbus variables (read only)

25	Display Value	Shows the currently selected information that appears on the TR400 display.
26	Switch Input Status	Shows the status of switch inputs, either ON or OFF. 
27	Relay Output Status	Indicates relay status, either open or closed. 
28	Analog Output DAC Value	Digital Analog Conversion (DAC). The step range is from, 0–4095 steps, which is the numerical representation of the analog signal value.

Continued on next page

* Modbus is a trademark of Modicon, Inc.

Modbus variables and descriptions, continued

Modbus variables (read only) continued

Var #	Variable Name	Description
29	Shaft Direction	Indicates motion, either forward or reverse. <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">0 0 0 0</div> <ul style="list-style-type: none"> → 0 = Forward, 1 = Reverse → Not Used → Not Used → Not Used
32	Analog Output Direction	Direction of the 4 to 20mA output, either forward or reverse. <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-bottom: 5px;">0 0 0 0</div> <ul style="list-style-type: none"> → Var 16 (20mA SP) 0 = Forward → Var 15 (4mA SP) 1 = Reverse → Not Used → Not Used

Expansion board

Figure 1 shows the Modbus Expansion board terminal connections.

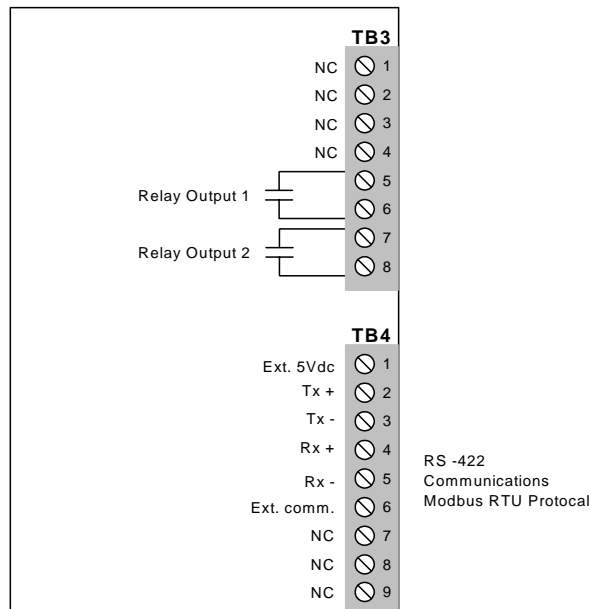


Figure 1: Expansion Board Terminal Connections