

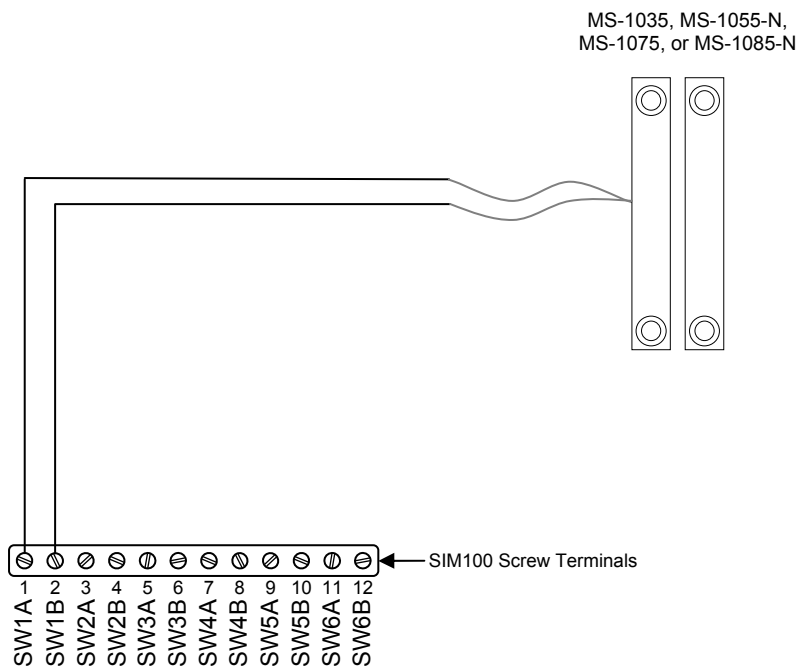
## Installation Instructions

### MS-1035, MS-1055-N, MS-1075, MS-1085-N Magnetic Switches

#### Instructions

Please follow these instructions to connect any of the MS-1035, MS-1055-N, MS-1075, or MS-1085-N to the NMEA 2000 network via a Maretron SIM100 Switch Indicator Module. The wiring diagram appears in Figure 1 below.

1. Connect the two alarm contact terminals of the magnetic switch to the appropriate SWxA and SWxB terminals on the SIM100 as shown in Figure 1 below.
2. Use a DSM250 (firmware 1.3.5 or higher) or other Maretron display product capable of configuring the SIM100 to set the "Channel #x Mode" for the appropriate channel to "No End of Line Resistor".
3. Supply Power to the NMEA 2000 network and verify that the switch channel indicates an "off" (alarm) state using N2KView or N2KAnalyzer.
4. Place the magnetic portion of the switch close to the magnetic portion of the switch and verify that the switch channel indicates an "on" (normal) state during of the test using N2KView, N2KAnalyzer, or other product capable of displaying switch indicator state.
5. Disconnect one of the two alarm wires from the SIM100 and verify that the switch channel indicates an "on" (alarm) state. Reconnect the alarm wire after the test.



**Figure 1 - Wiring Diagram**

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