

Connection of SIM100 Isolation Monitors

Proper connection to the target system

Connection to the IT power system

Connector J3 should connect to the higher potential conductor in the system. J4 should connect to the lower.

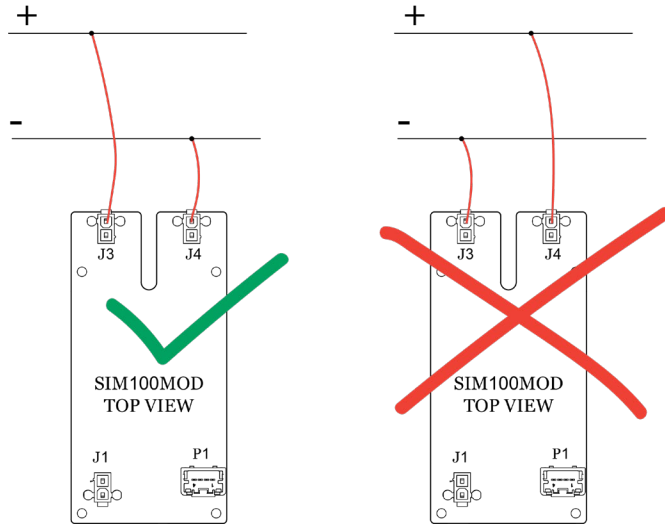


Figure 1: Proper connection to IT power system terminals

Connection to chassis

The SIM100 is designed to connect to the chassis at two *separate* chassis points. The terminals of connector J1 should therefore be considered independent. The SIM100 relies on this configuration to detect its proper connection to the chassis. Connecting both leads to the same point bypasses this detection and as a result the SIM100 cannot detect a missing chassis connection, jeopardizing system safety.

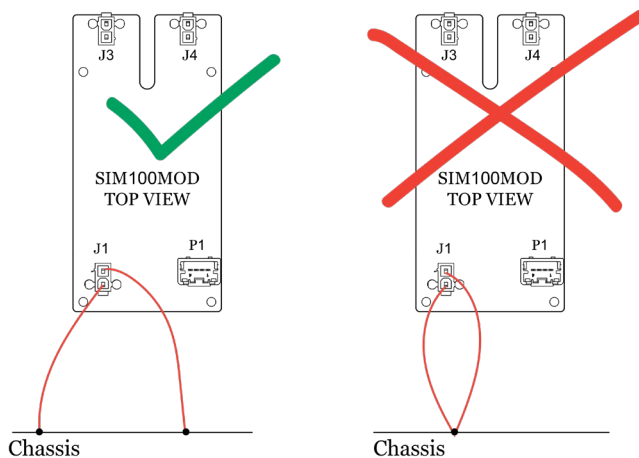


Figure 2: Proper connection at two distinct point to the chassis

