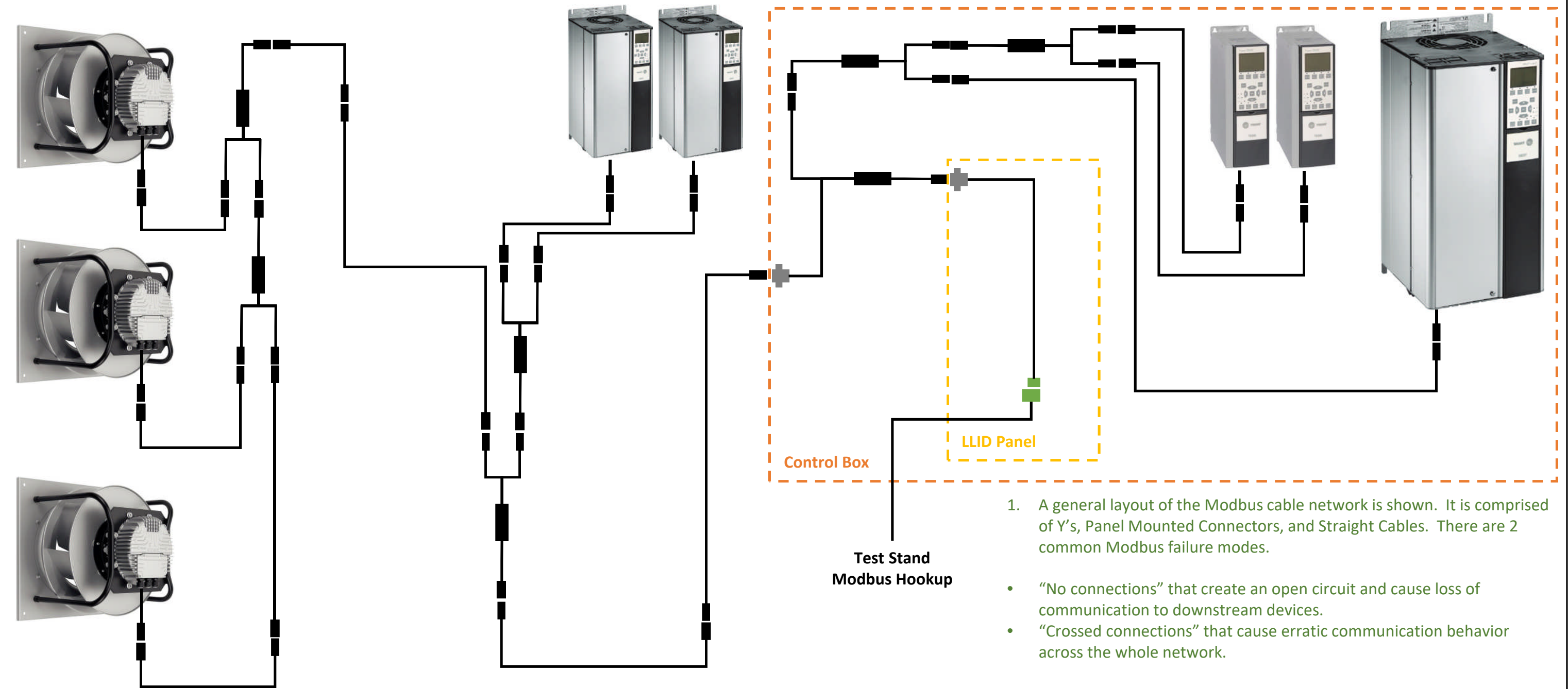
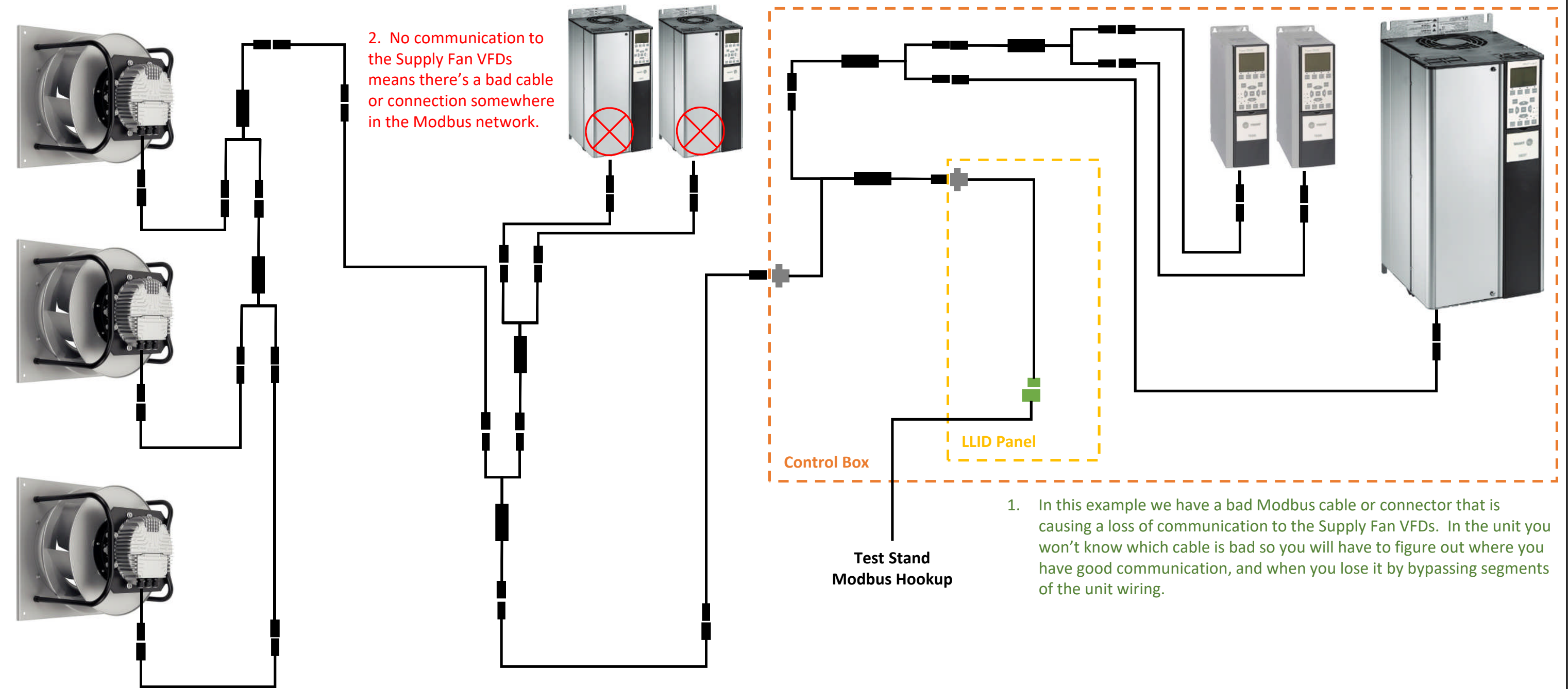


OPERATION: Modbus Cable Troubleshooting

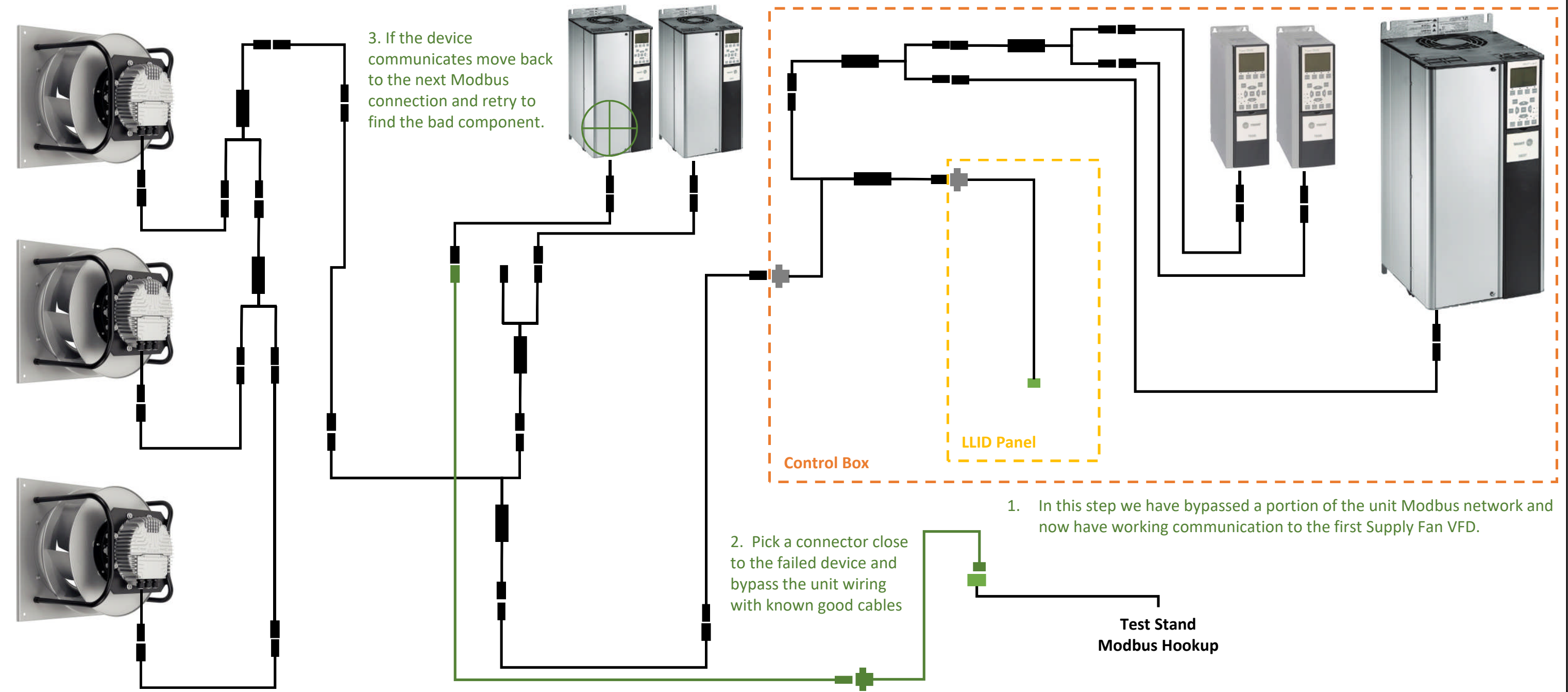


1. A general layout of the Modbus cable network is shown. It is comprised of Y's, Panel Mounted Connectors, and Straight Cables. There are 2 common Modbus failure modes.
- “No connections” that create an open circuit and cause loss of communication to downstream devices.
 - “Crossed connections” that cause erratic communication behavior across the whole network.

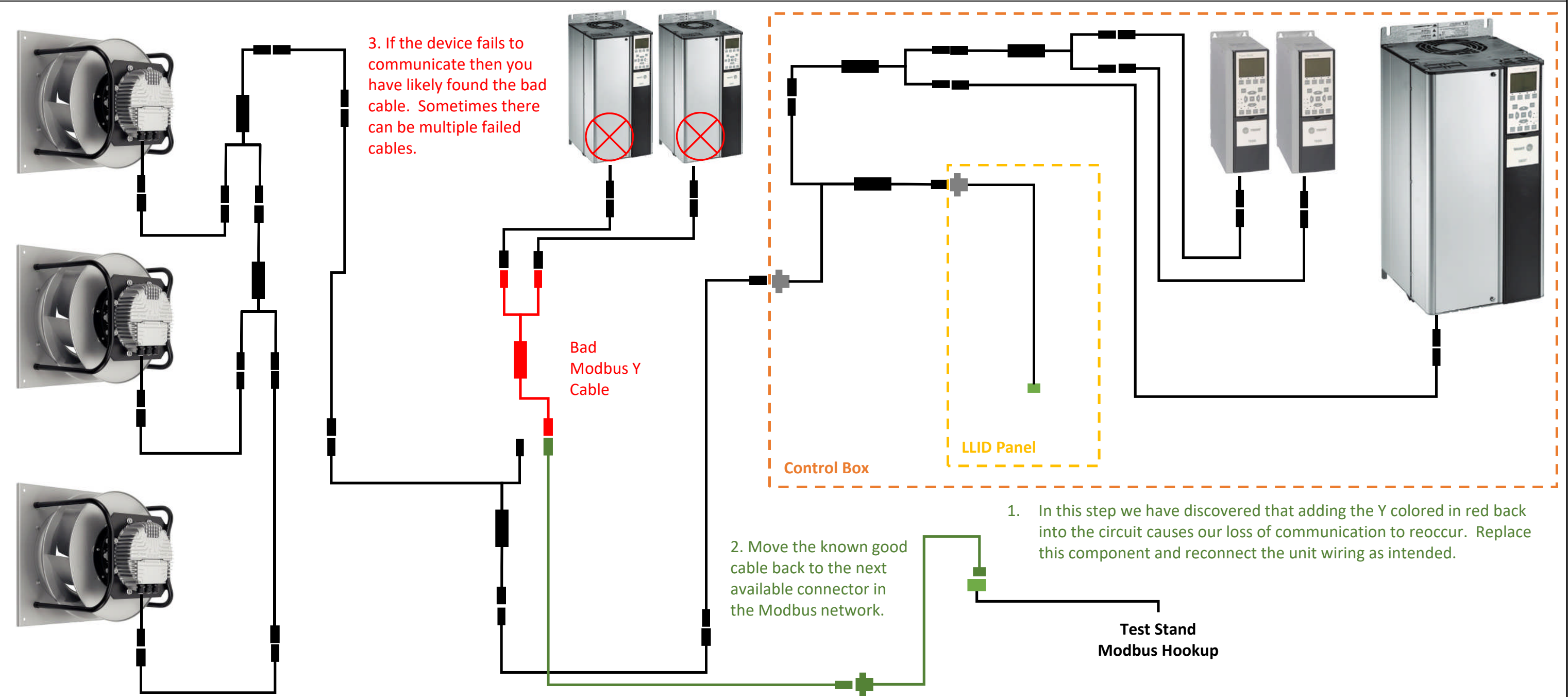
OPERATION: Modbus Cable Troubleshooting (Open Connections)



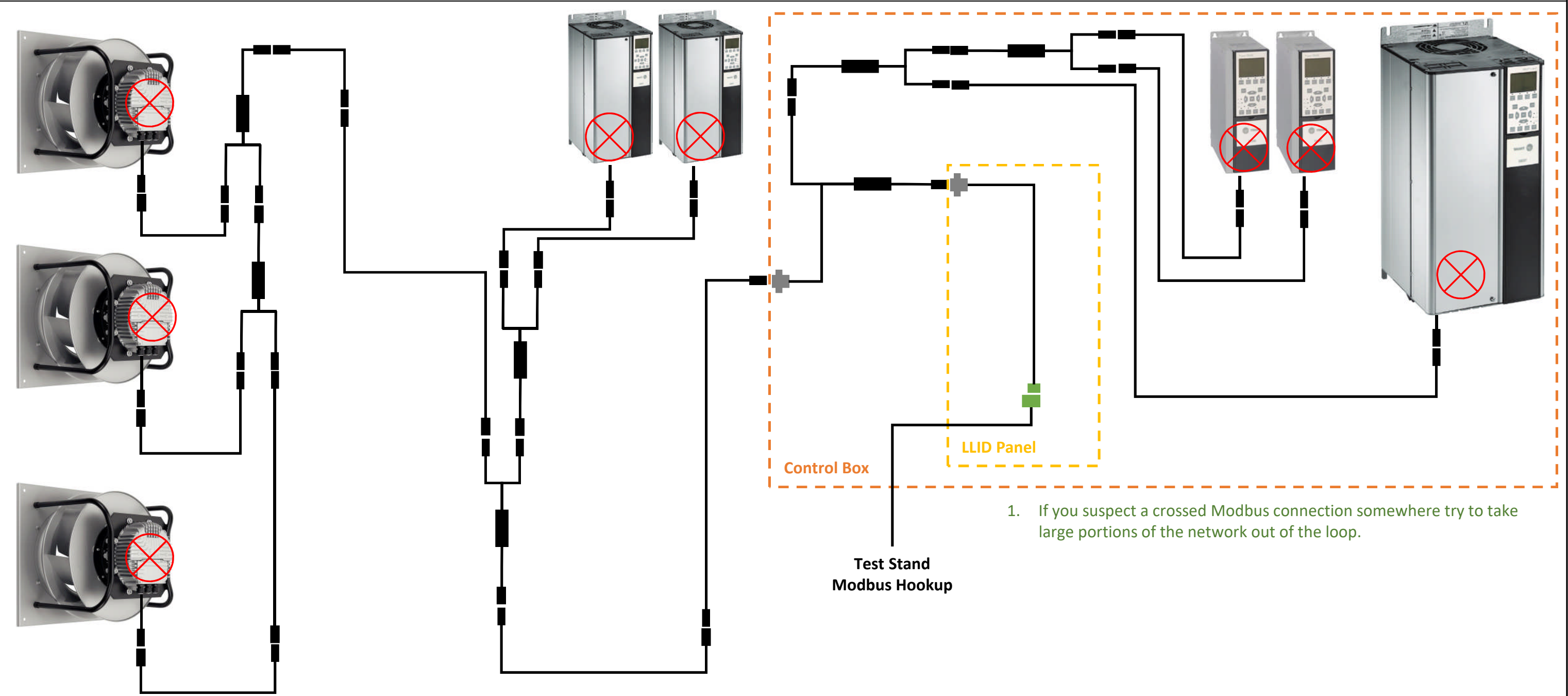
OPERATION: Modbus Cable Troubleshooting (Open Connections)



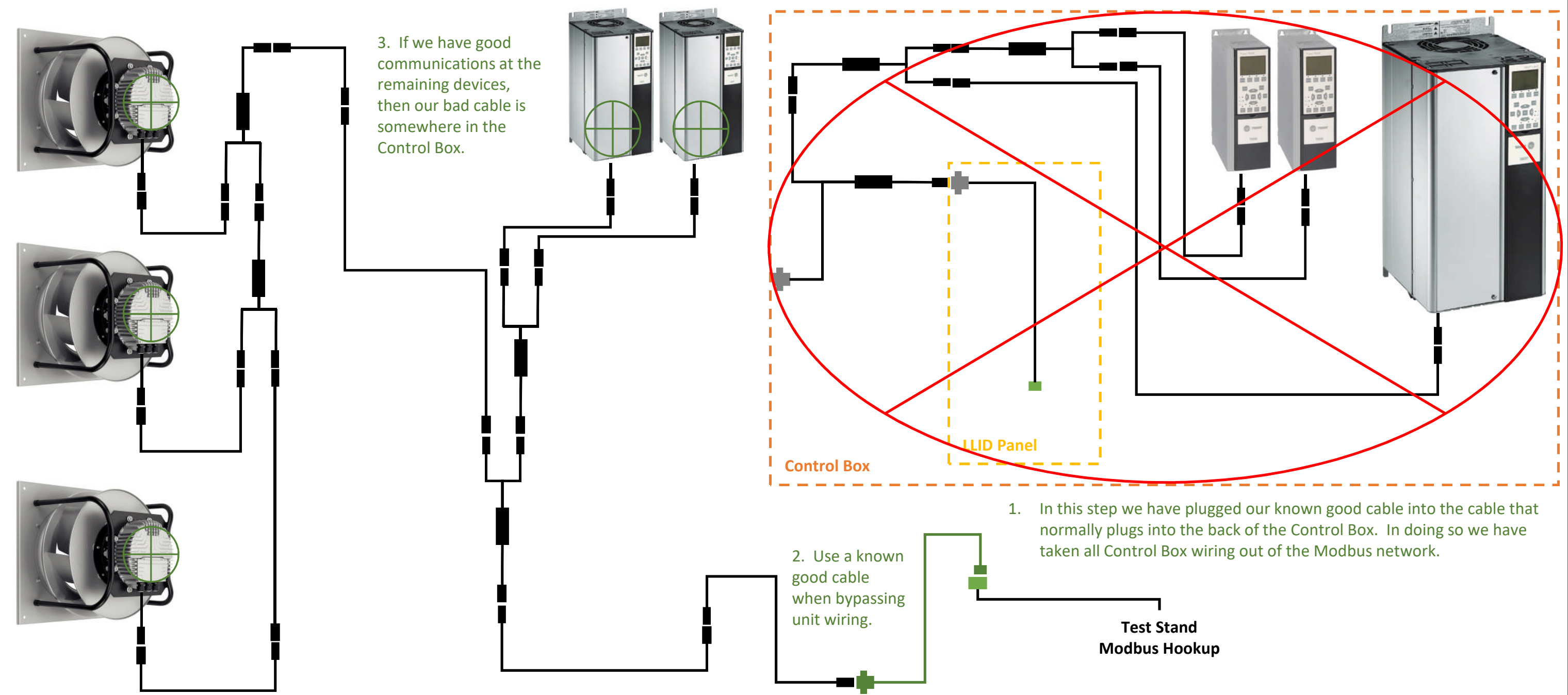
OPERATION: Modbus Cable Troubleshooting (Open Connections)



OPERATION: Modbus Cable Troubleshooting (Crossed Connections)



OPERATION: Modbus Cable Troubleshooting (Crossed Connections)



OPERATION: Modbus Cable Troubleshooting (Crossed Connections)

