



Model: EMI-400

Serial #: All

May. 10, 2019

Product Bulletin # TDS-198

Alert



VFD Safety Relay Wiring

It has come to Canrig's attention that the original equipment manufacturer may have wired some EMI 400 HP VFD houses incorrectly. Only VFDs with ABB ACS880 safety relays were affected. This has been corrected for new builds, but existing VFDs should be inspected and the problem corrected if discovered.



Warning!

This procedure involves working with electricity and should be performed only by qualified personnel.

Procedure

1. Inspect VFD house to verify if problem exists. **A visual inspection involves placing personnel in proximity to potentially hazardous energy, and should be performed only by qualified personnel.**
2. Lock Out/Tag Out VFD so that the VFD is no longer energized.
3. Locate two safety relays marked **A61** and **A65**, which are orange in color and are located side by side.



Figure 1: Locate Relays A61 and A65

4. Move the wire marked A61:33 on relay A61 to the relay A65 to terminal **A65:33**.
5. Move the wire marked A61:34 on relay A61 to the relay A65 to terminal **A65:34**.

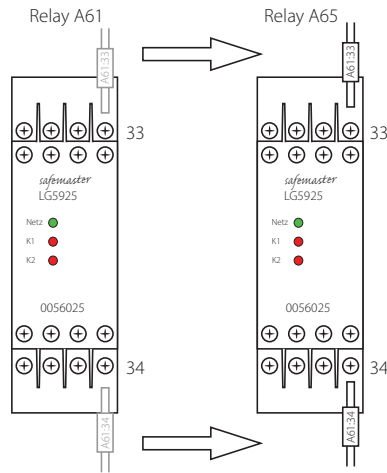
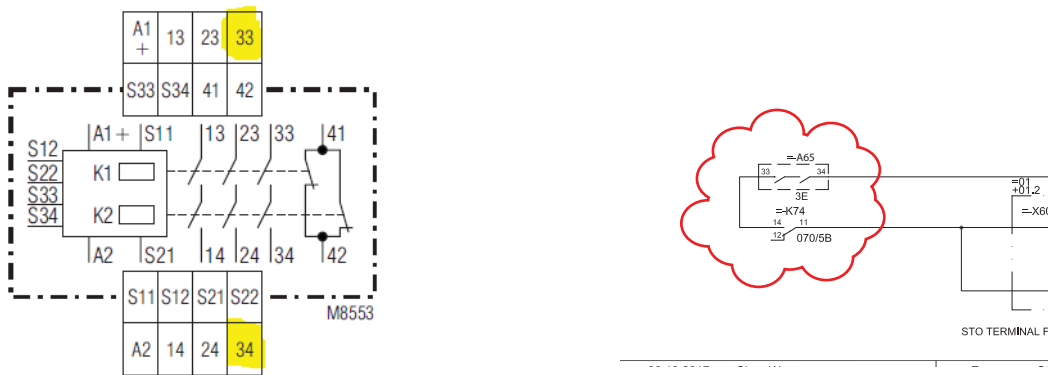


Figure 2: Move indicated wires from relay A61 to A65, plugging into same terminals



LG 5925.48

Figure 3: Relay Wiring