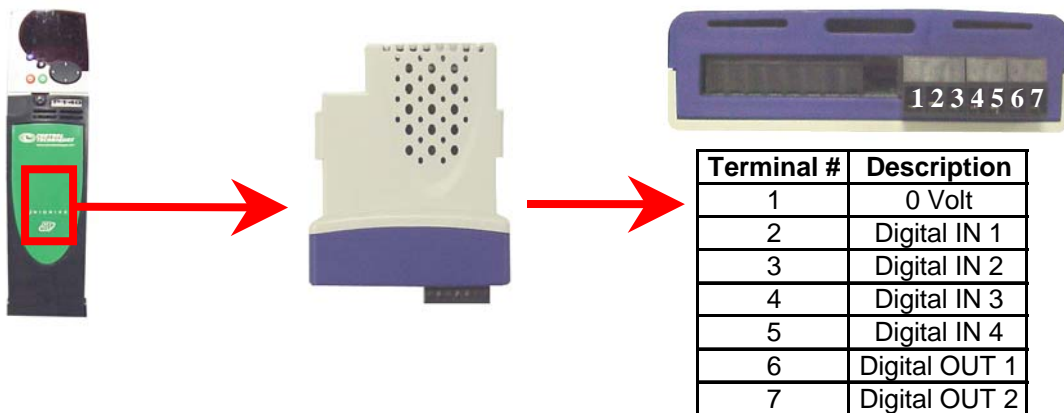


and SM-EZ Motion “HF” trips

This document pertains to all Unidrive SP models using an SM-EZMotion Module



⚠ WARNING

DO NOT ASSUME POWER IS OFF BECAUSE THE DRIVE DISPLAY APPEARS DEAD OR NO FANS ARE HEARD. THE VOLTAGE APPLIED TO THIS DRIVE CAN BE LETHAL IF TOUCHED !

The SM-EZ motion module is used with SP drives and is programmed using Power Tools Pro. It allows users to create specific motion profiles such as indexing, home routines, electronic gearing, and many others.

An **HF** (hardware fault) can be generated by the drive if there is a problem with the solutions module. The drive will display the trip as SLX.HF. It is sometimes possible to correct this trip without replacing the module. The EZ Motion program in the module may become corrupt which can cause this type of trip. Clearing the program and setting the module back to factory settings may resolve the trip.

Before clearing the module a drive reset and power cycle should be performed. They could correct the trip as well.

Module Clearing Procedure

1. Ensure the module is installed in any slot
2. Enter 19237 at #18.01
3. Cycle power to the drive
4. The drive will trip SLX.ER on power up. This is a 107 “No Program” trip
5. Press the red reset button to clear the SLX.ER trip
6. Reload your EZ Motion program back into the drive.

The HF trip could be resolved at this point. If you would like to confirm basic operation of the module prior to loading your EZ Motion program you can use the instructions in [CTTG 127](#). The link is shown below.

http://www.emersonct.com/download_usa/troubleshooting_guide/CTTG127.pdf

If the module has been determined as bad then you can use [CTRI 244](#) to assist in replacing the module. The link is shown below.

http://www.emersonct.com/download_usa/replacementInstructions/CTRI244.pdf

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