

O.ht2 Trip Code

This document pertains to size 1,2, and 3 Unidrive SP drives



DO NOT ASSUME POWER IS OFF BECAUSE THE DRIVE DISPLAY APPEARS DEAD OR NO FANS ARE HEARD.

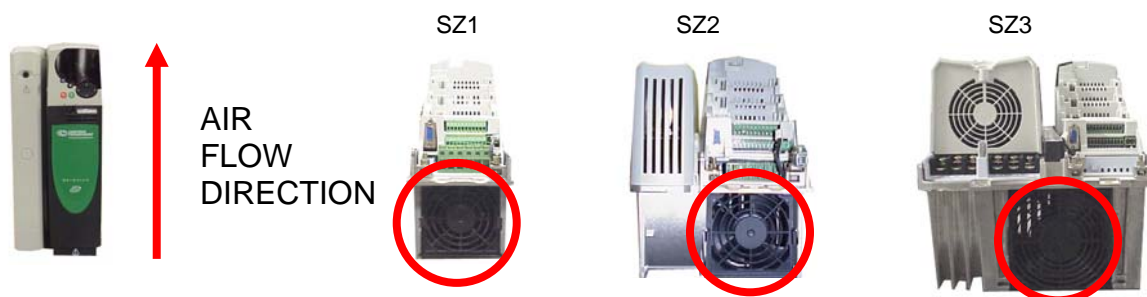


THE VOLTAGE APPLIED TO THIS DRIVE CAN BE LETHAL IF TOUCHED !

The **O.ht2** trip indicates that an internal temperature-sensing device has detected the heatsink temperature is above safe operating temperature. It is common to see the word **hot** flashing on the display prior to the **O.ht2** trip. The **hot** indicates the heatsink temperature in approaching unsafe temperature levels.

It is imperative to ensure there is good air movement through the drive heatsink. Check fan operation and airflow. Inspect the heatsink cooling fins on the drive. Excessive debris or an impasse due to environmental build up will cause the drive to over heat.

The fans for drive sizes 1, 2, and 3 are located on the bottom of the drive. Airflow should go towards the top of the drive. The pictures of the fans can be seen on the next page.



If you find a clogged or defective fan they can be replaced. **We only recommend experienced engineers or technicians attempt repairs on our drives due to safety concerns.** If you would like, a certified CT Technician can repair the drive for you. Contact 1-800-367-8067 and ask for Repairs or Technical Support.

The fan assembly replacement instructions for size 1, 2, and 3 drives can be downloaded from the links below.

SIZE 1 FAN REPLACEMENT

http://www.emersonct.com/download_usa/replacementInstructions/CTRI242.pdf

SIZE 2 FAN REPLACEMENT

http://www.emersonct.com/download_usa/replacementInstructions/CTRI242.pdf

SIZE 3 FAN REPLACEMENT

http://www.emersonct.com/download_usa/replacementInstructions/CTRI243.pdf



In addition to checking the drive cooling devices, the enclosure ventilation, filter, and fans should be checked as well. An excessively high ambient temperature can force an O.ht2 trip. #6.45 can be set to ON to force the cooling fans to run at full speed all of the time.

If the drive does not seem to be too hot and the **O.ht2** trip still occurs then it is possible that the actual temperature sensing circuitry on the drive power board is faulty. The only resolution in this case is to replace the power board. Parts and repairs are available at the Americas' Service Center 1-800-367-8067.

The last and most uncommon cause for an **O.ht2** trip is the UT90/96 control PCB assembly. If the problem has not been found while addressing the areas listed previously in the document then it would be advisable to contact the Americas Service Center. We can provide repair and replacement drives to correct this type of trip.

Americas Service Center 1-800-367-8067

