

TB216 (Rev1) - Swing Arm Control Wire Change

Purpose:

To prevent unwanted movement of the swing arm during rare software anomalies.

Wiring Changes:

Instead of the swing arm control wire going directly to the swing arm contactor, it will pass through the E-Stop contactor. The schematic can be downloaded at

www.centroidcnc.com/dealersupport/downloads/tb216_wiring.pdf

1. Remove the Brown wire from the AUX2/CHILLER connector on the RTK3.
2. Move the Red wire from the AUX2/CHILLER connector on the RTK3 and place it where the Brown wire was that you just removed.
3. Connect the Brown wire that you just removed to the E-Stop contactor. Depending on where your system was wired the E-Stop contactor may be different.

For Type 1 E-Stop:

The Brown wire from the Transformer 24VAC will be connected to L4 on the E-Stop contactor. Connect your Brown wire that you removed to T4 on the E-Stop contactor.

For Type 2 E-Stop:

The Brown wire from the Transformer 24VAC is connected to 53 on the E-Stop contactor. Connect your Brown wire that you removed to 54 on the E-Stop contactor.

Note: The system should be upgraded to use external contactors for the carousel and flood motors. If the 3 phase is still running through the ice cube relay's on the RTK3, please change this as described in TB202.

Document History

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