

Wiring Instructions

Inhibit Circuit

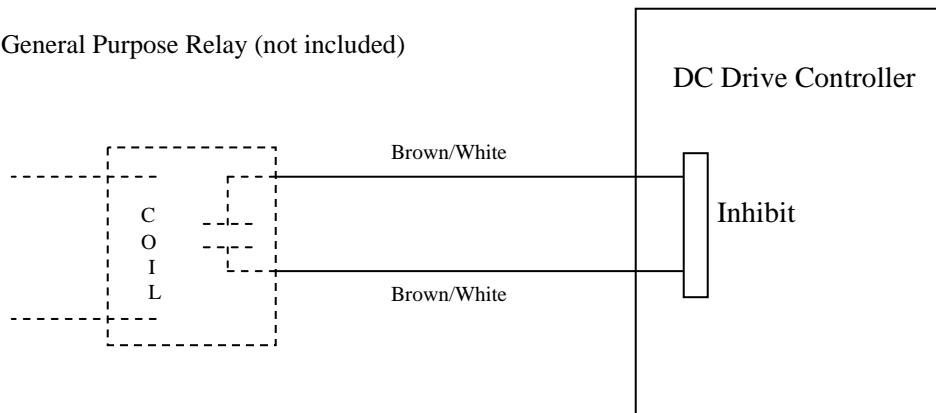
Champion Flighted Infeed-2 Conveyor

IMPORTANT – Do not apply voltage to the inhibit circuit...this will damage the drive controller!

Inside this enclosure is a 2-wire harness attached to the inhibit plug. Route the harness outside of the enclosure and tie the leads to a **dry contact** relay contact. For proper operation, the circuit must remain “open” for the conveyor to run. To inhibit the conveyor, the contacts must close. Depending on the machine this is being integrated to, select the appropriate normally open or normally closed contacts.

Sample

General Purpose Relay (not included)



In this example, with the coil not energized, the circuit is open. When the coil energizes (upon a fault) the N.O. contacts “close” and the circuit to the inhibit is completed, thus stopping the conveyor.