

Idle End Table Assembly

The idle end of the base unit comes pre-assembled from the factory. If the conveyor chain should need adjustment, [See Section 4.2](#) for information on the chain tensioning.

Electrical Installation



DANGER! Make sure all electrical installation, service and/or maintenance work is performed by a qualified electrician and is in accordance with applicable electrical codes.

DANGER! Hazardous voltage inside the electric disconnect box, starter box, and at the motor can cause shock, burns, or death. Disconnect and lock out power supply before servicing! Keep all electrical component covers closed and securely fastened during operation.

See Table 3-1. Install a fused disconnect switch within sight of the machine. Typical minimum switch, fuse, and wire sizes are shown. All electrical installation must meet local electrical codes. Fuses are sized for short-circuit protection only.

3-Phase Volts	Fuse Disconnect	Time Delay Fuse	Suggested Wire Size
460 VAC	30 Amps	5 Amps	16AWG up to 50'

TABLE 3-1

See Table 3-2. The electrical specifications are shown below.

Model	FLA of Largest Load	FLA	IR (AIC)	SCCR	Voltage	Hz	Phase
CC7-3.0C-3	2.7A	2.7A	15kA	25kA	460V	60	3

TABLE 3-2

See Figure 3-4.

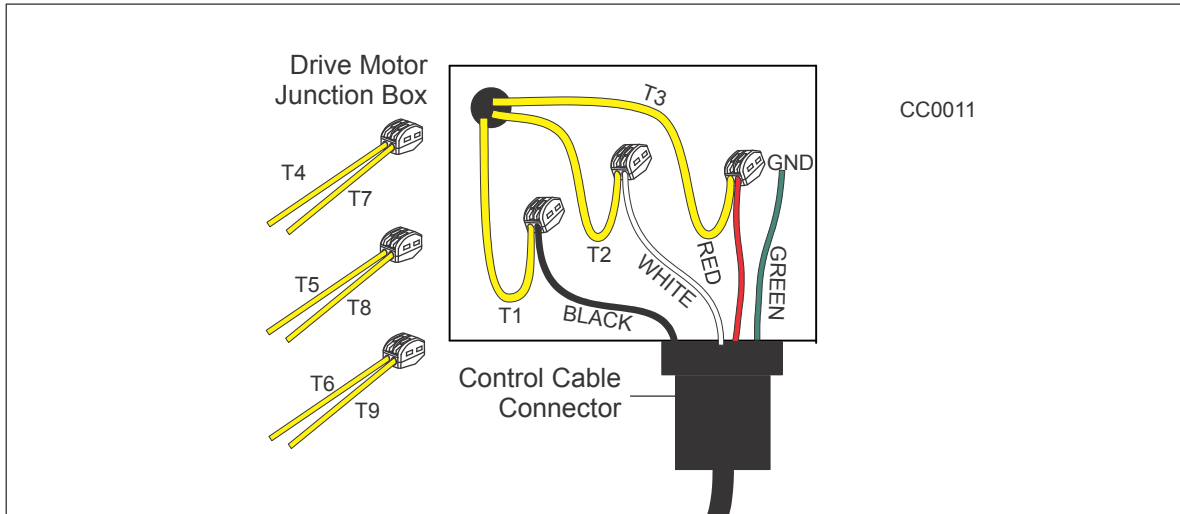


FIG. 3-4

The control box for the CC7 Chain Conveyor comes partially assembled from the factory. To install, perform the following steps:

1. Determine a mounting location convenient to your operation and secure the box to the frame. Use caution to ensure the control box and cable route are not subject to damage from moving parts or normal operation.
2. Open the enclosure of the box to mount the box. Retrieve the motor end cord grip connector, cord, wire connectors, and mounting clamp from inside the box. Replace the enclosure lid.
3. Open the conveyor motor junction box and remove a connector plug from the bottom of the motor junction box (if not previously removed). Install the cable cord grip connector to the motor junction box.
4. In the junction box, connect the green wire from the control cable to the ground motor wire or lug.
5. Connect the control cable's black wire to T1, the white wire to T2, and the red wire to T3 on the motor. (See fig. 3-4 .)
6. Connect the remaining motor wire located in the junction box as follows with the terminals provided: T4 to wire T7, wire T5 to wire T8, and wire T6 to wire T9.
7. Replace and secure the cover to the motor junction box. Secure the control cable to the conveyor frame with the P07584 cable clamp, as necessary.