

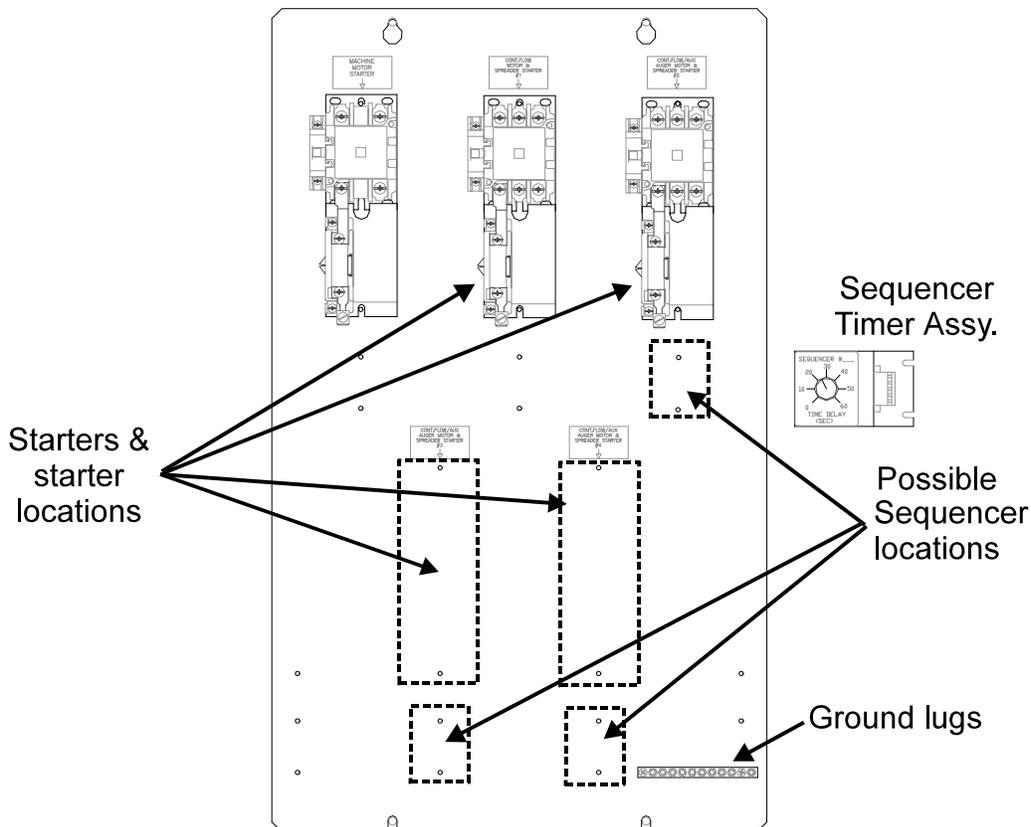
641H - 001A AUXILIARY AUGER SEQUENCE TIMER

The 641H - 001A Auxiliary Auger Sequence Timer is an adjustable delay timer which can be installed in the CompuDry Command Center to provide extended clean out for an auxiliary transfer auger. The Moisture Control Module will start all transfer augers which are in automatic. After the Moisture Control Module shuts off the machine, the augers that are plugged directly to the relay panel will run for a time delay set by the Moisture Control Module. The auger which is plugged into a Sequencer will run for an additional delay, up to 60 seconds, set by the Sequencer.



DISCONNECT AND LOCK OUT POWER TO THE ENTIRE DRYING SYSTEM BEFORE OPENING THE MAIN COVER ON THE CONTROL BOX.

To install the Sequencer make sure to disconnect and lock off all power. Using a screwdriver loosen the door holder catch and slide it away from the cover. Then undo the top and bottom latches to open the main cover. Install all motor starters before installing Sequencer. Determine which motor starter to put the Sequencer on. Below each starter location there are 2 holes where the Sequencer can be mounted. A Sequencer is normally not installed on continuous flow augers, (the first auger(s) out of the bin).

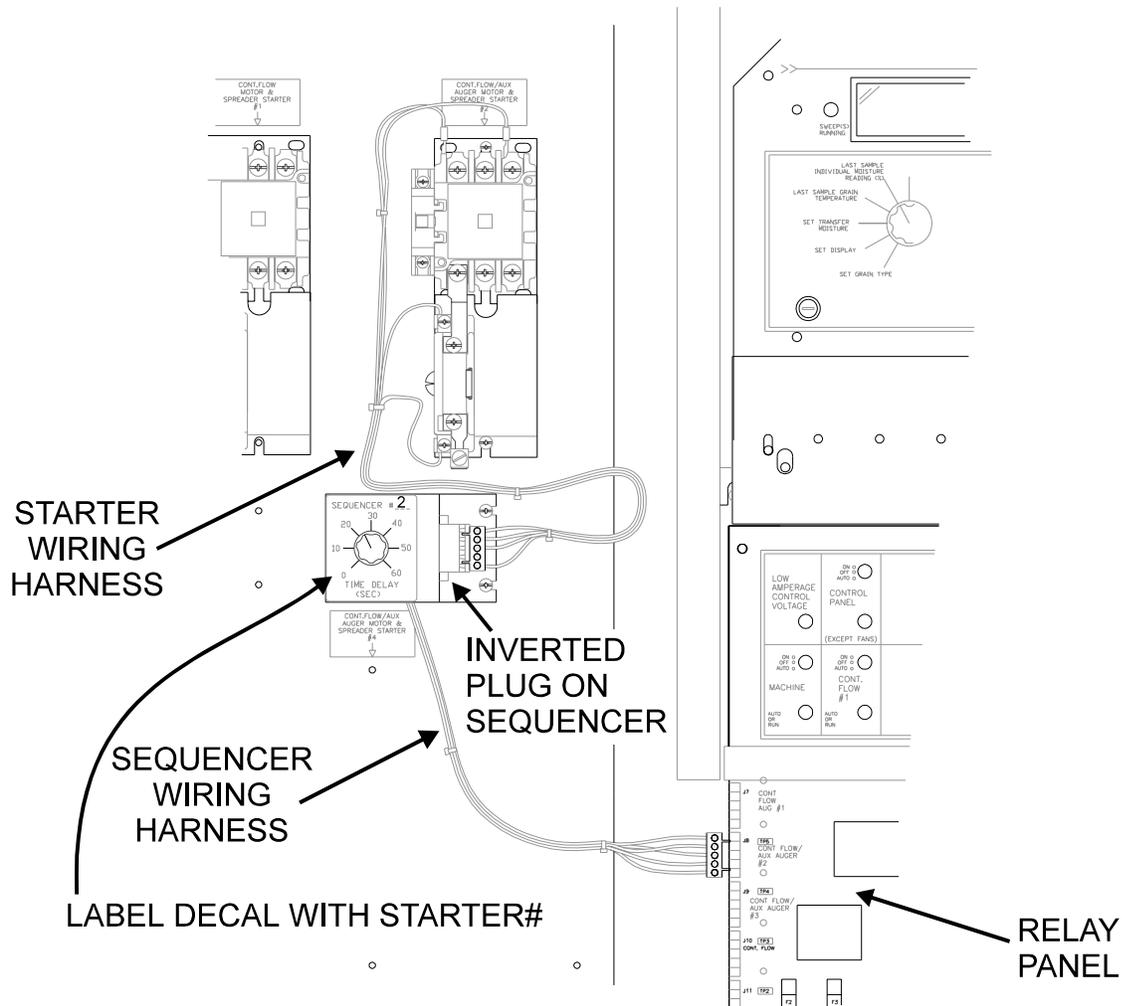


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Once the mounting location for the Sequencer has been found, take the two screws supplied with the Sequencer kit and start them in the holes below the appropriate motor starter. Do not tighten the screws down just get them started. Slide the Sequencer assembly on to the screws using the slots cut into the foot of the Sequencer mounting bracket, hold in place, and finish tightening down the mounting screws.

ELECTRICAL HOOKUP

After mounting the Sequencer assembly, locate the wiring harness for the motor starter and follow it down to the relay panel. The connector on the relay panel should be labeled on the board the same as the starter it is connected to. Unplug the starter wiring harness from the relay panel and connect it to the mounted inverted plug on the Sequencer assembly. Then connect the wiring harness from the Sequencer assembly to the connector on the relay panel which the starter harness was removed from. Use a pen to label the Sequencer with the number of the auger controlled.



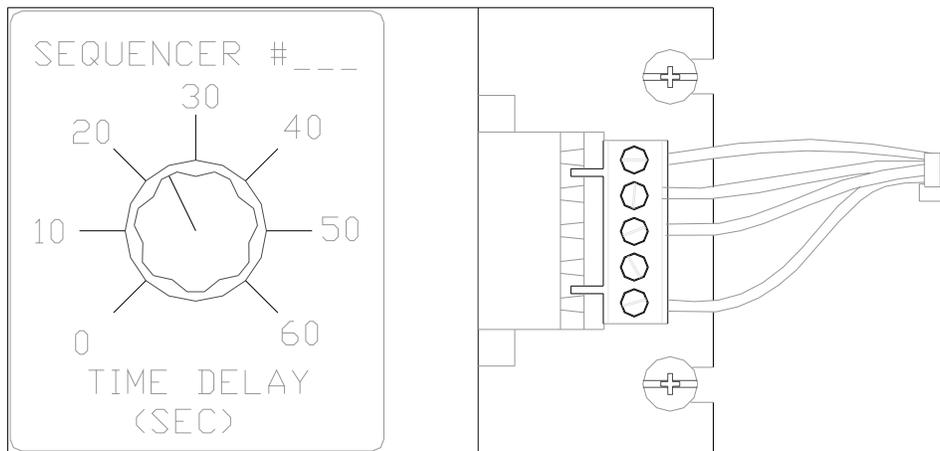
OPERATION



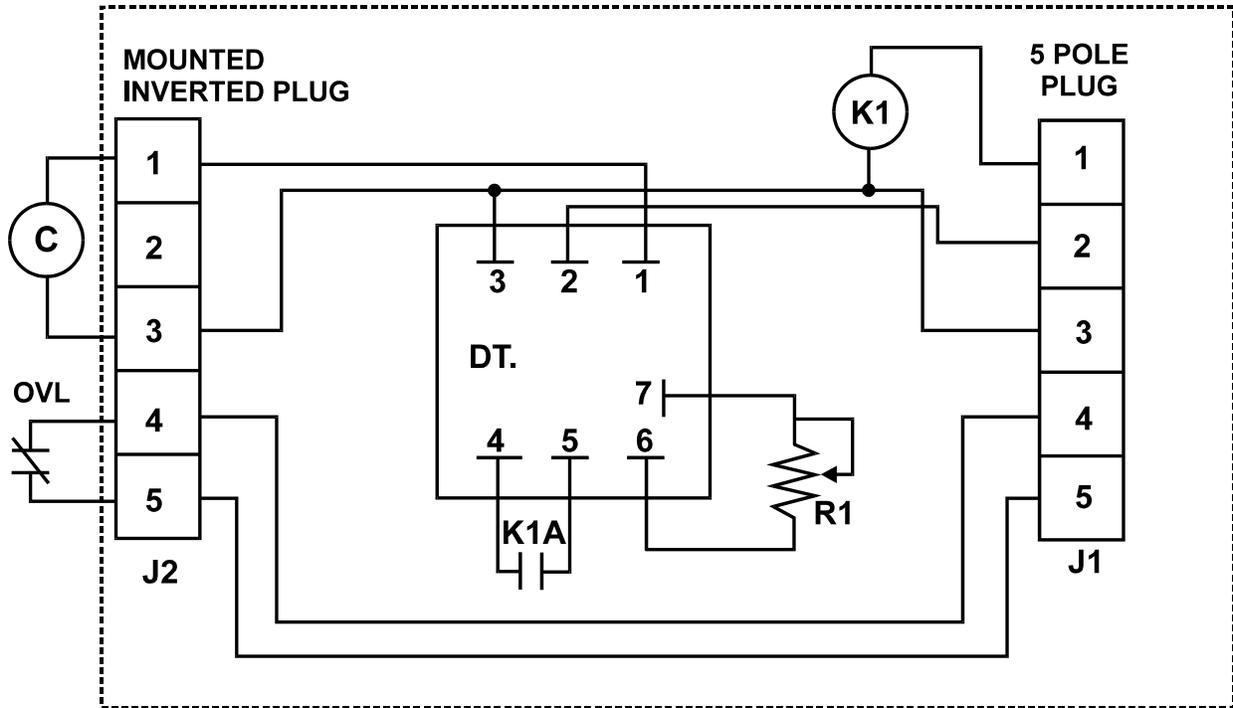
DISCONNECT AND LOCK OUT POWER TO THE ENTIRE DRYING SYSTEM BEFORE OPENING THE MAIN COVER ON THE CONTROL BOX.

Once the Sequencer is installed, determine the approximate clean out time needed for the auger it is connected to. The numbers on the Sequencer decal range from 0 - 60 seconds. Position the pointer on the knob to the amount of time required for clean out. Close the main cover on the Compudry Command Center, latch it, and re-install the door holder catch.

Restore power and observe the clean out to see if enough time has been allowed to completely clean out the auger. Disconnect and lockout power then adjust time period up or down accordingly.



SEQUENCER SCHEMATIC



C Cont. Flow contactor coil
OVL Overload relay

K1 Relay
K1A Relay contacts
R1 External adjust for delay time
DT Delay timer
1 Load
2 Input
3 Neutral
4 Initiate
5 Initiate
6 Ext. Adjust
7 Ext. Adjust

Replacement Parts

Ref	Part #	Description
K1	E-6143	Relay, 20A, DPDT
DT	423-246-001A	Delay Timer Kit
J1	E-6278	5 Pole Plug
J2	E-6279	Mounted Inverted Plug

Power is applied to J1-2 when Cont. Flow switch is in ON or AUTO. Power is applied to J1-1 to start Cont. Flow. When K1 is energized (K1A closes), timer transfers power from DT-2 to DT-1. When power is removed from J1-1, K1 de-energizes and DT-2 stays connected to DT-1 for delay period.