

641O-001A

AUX. TIMER II KIT FOR COMMAND CENTER



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

This timer kit has changed during the summer of 2017. The new timer installs exactly the same as the prior version.

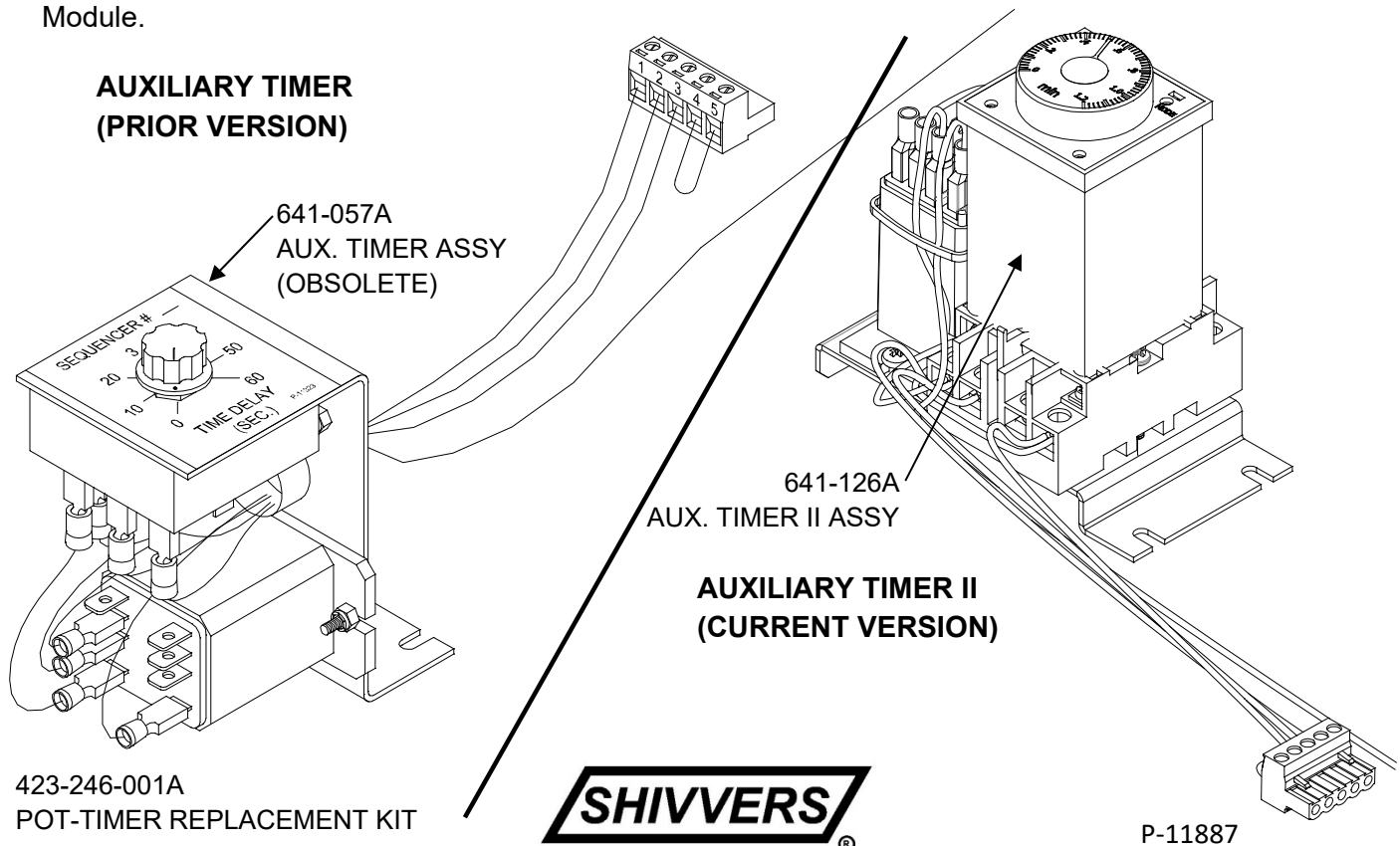
This timer kit controls all Continuous Flow and Auxiliary Augers connected to the CompuDry Command Center. When the Low Grain Shut-Off shuts the system down, the augers set to automatic will run for the time delay set by this timer.

On an auger shutdown by the Moisture Control Module (because the grain is too wet), the augers will run for the time delay set in the Moisture Control Module plus the time delay set by this timer. Therefore, it is best to set the Continuous Flow Delay in the Moisture Module to 10 seconds (the minimum), when this kit is used.

This timer plugs into the Expansion Box Connector on the Command Center Switch/Relay Panel. If the expansion box connector is already in use, a 641-053A Dual Motor Harness can be used to double the expansion box connector, or the Auxiliary Timer wires can be put in with the expansion box wires.

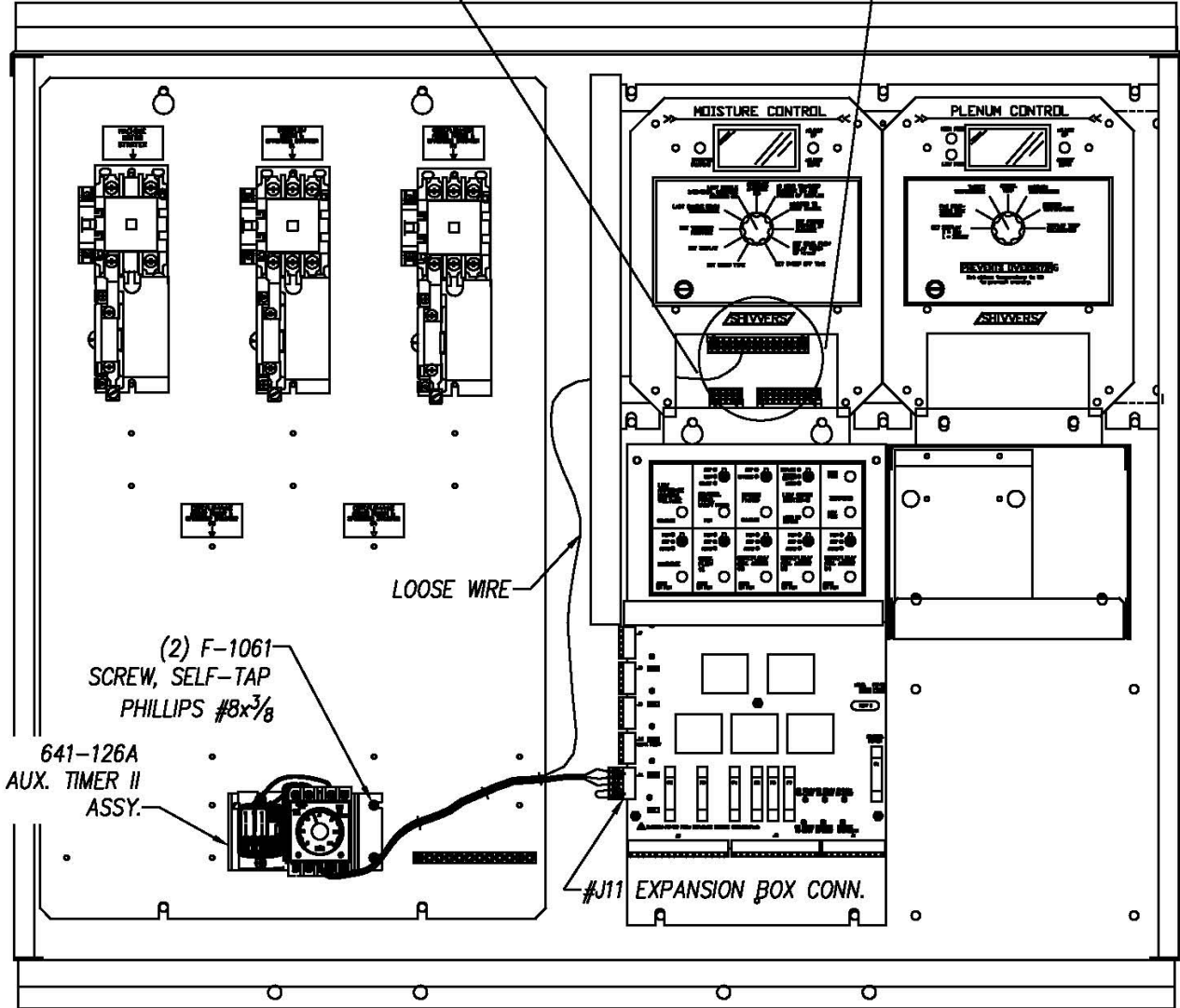
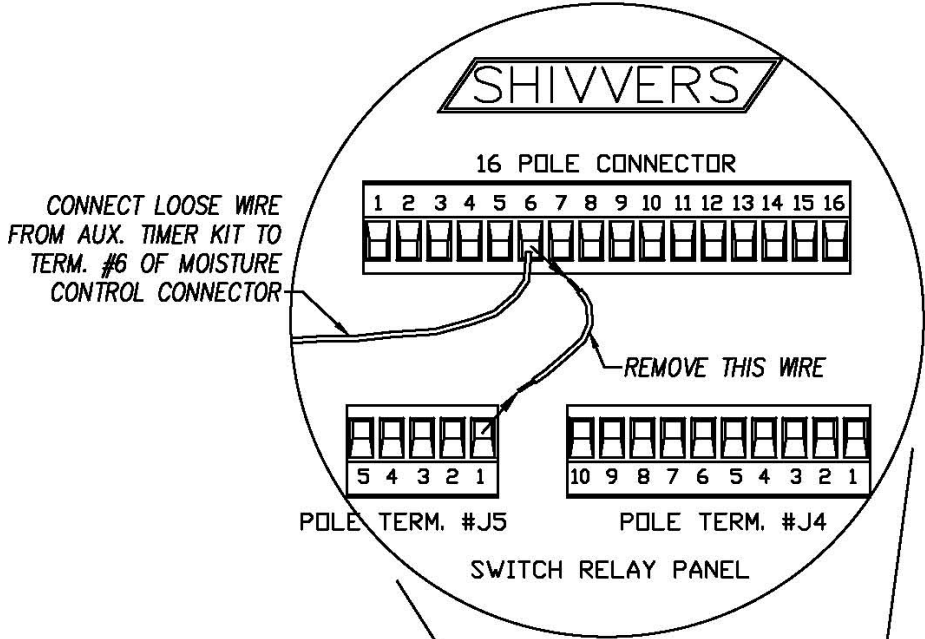
Remove the wire that goes from Terminal #6 on the bottom of the Moisture Control Module, to Terminal #J5-1 on top of the Switch Relay panel. (See the picture on the next page.)

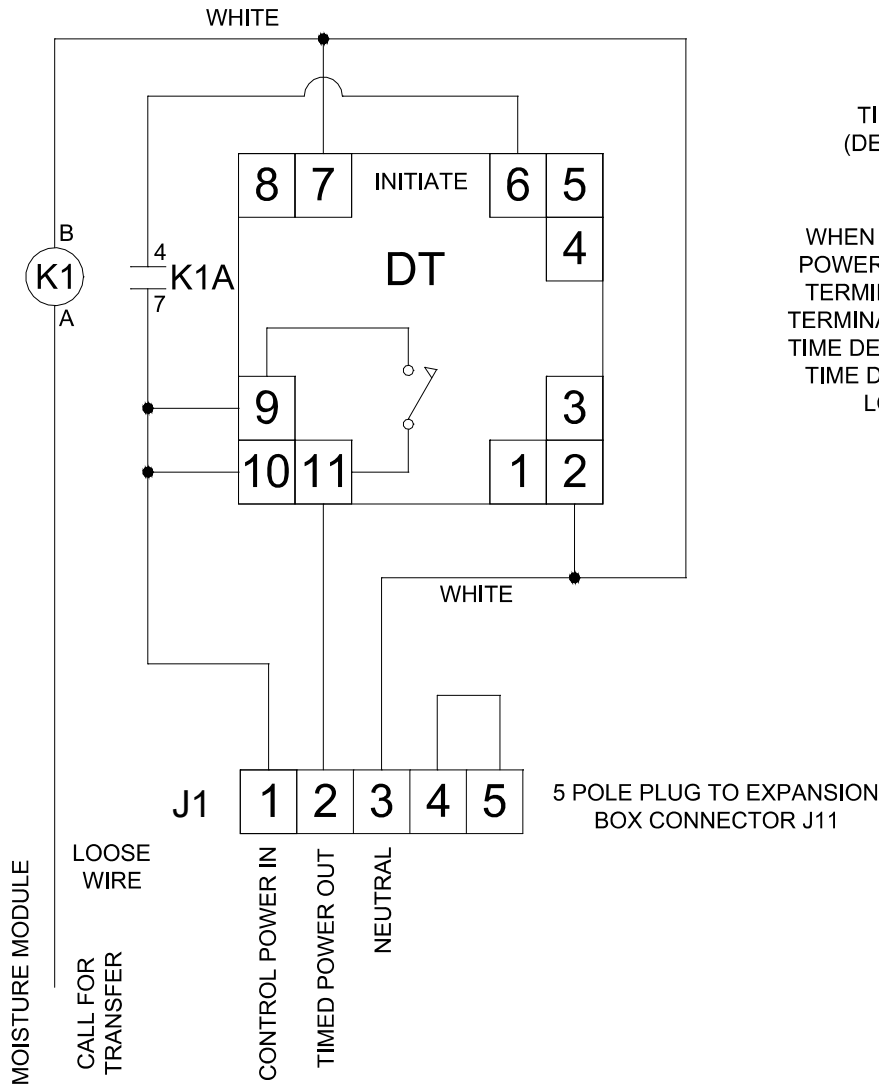
Connect the loose wire on the Auxiliary Timer Kit to Terminal #6 on the bottom of the Moisture Control Module.



423-246-001A
POT-TIMER REPLACEMENT KIT

P-11887
4/17/2017





TIMER MODE = D
(DELAY ON BREAK)

WHEN TERMINAL #6 GETS POWER, TIMER CONNECTS TERMINAL 9 TO 11. WHEN TERMINAL #6 LOSES POWER, TIME DELAY STARTS. AFTER TIME DELAY, TERMINAL 11 LOSES POWER.

J1 5 POLE PLUG TO EXPANSION BOX CONNECTOR J11

- K1 Relay, 20A, DPDT
- K1A Relay contacts
- DT Delay timer terminals
 - 1 Not Used
 - 2 Neutral
 - 3 Not Used
 - 4 Not Used
 - 5 Not Used
 - 6 Initiate
 - 7 Initiate Neutral
 - 8 Not Used
 - 9 N.O. Contact
 - 10 Input Power
 - 11 COM Contact

REPLACEMENT PARTS

Ref	Part #	Description
K1	E-6143	Relay, 20A DPDT
J1	E-6278	5 Pole Plug
DT	E-6647	Time Delay Relay, 11 Pin, OMRON
	E-6646	Relay Socket, 11 Pin, OMRON

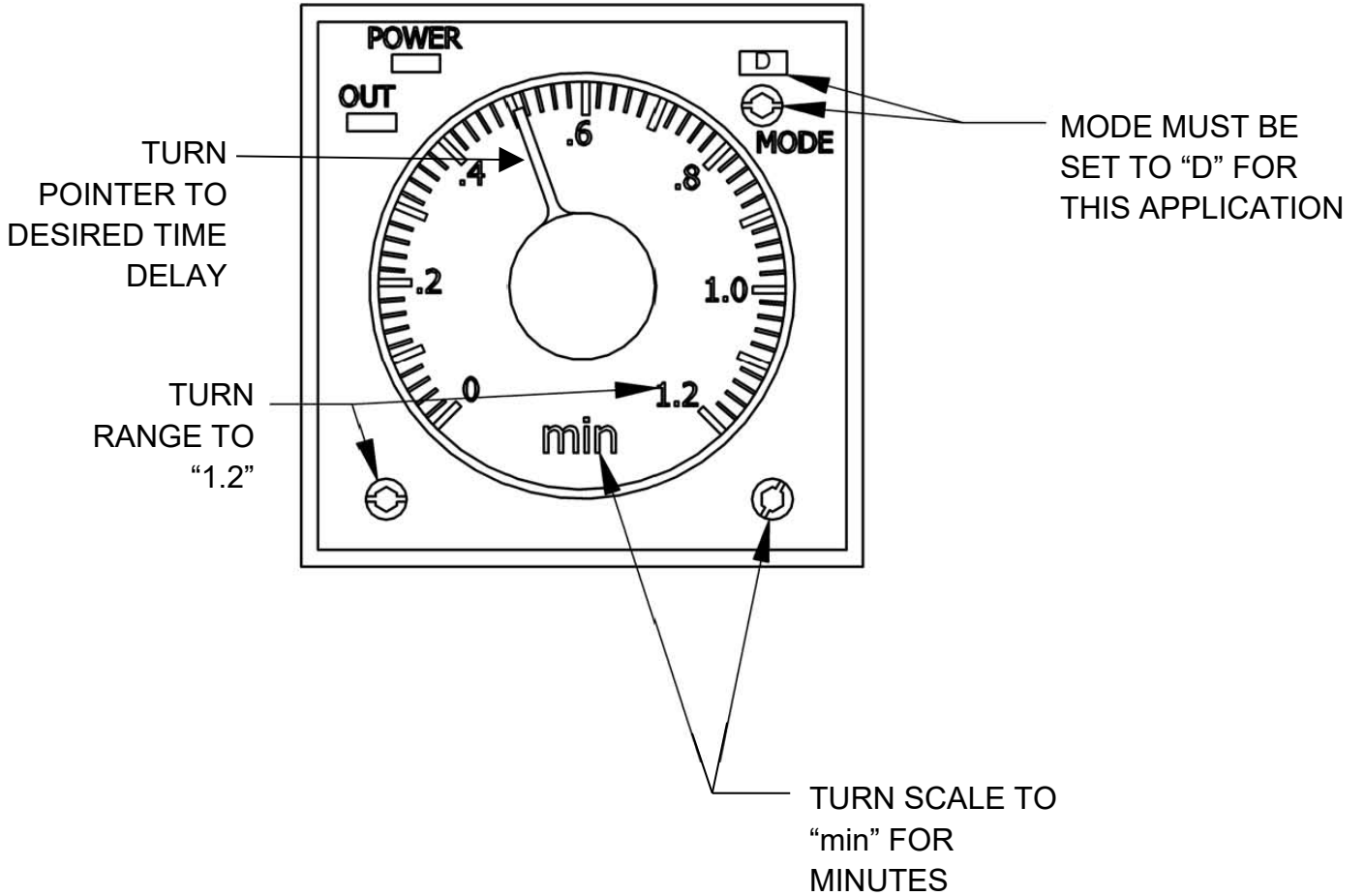
Power is applied to the Expansion Box Connector J11, terminal 1 (J11-1), when the Command Center Control Power is ON. The green POWER light on the timer will be on solid. When the Moisture Module wants to transfer grain, it will energize the loose wire of the Auxiliary Timer. This activates relay K1, closing its contacts, K1A. This puts power on timer terminal 6, which initiates the timer. The timer orange OUT light will be ON. The timer closes its contacts, connecting timer terminal 9 to 11. Timer terminal 11 is wired to J11-2, which will power any Cont. Flow/Auxiliary Augers which are in the AUTO position. When the Moisture Module wants to shut off the transfer augers (should be about 10 seconds after sweeps turn off), or the system runs out of grain, the loose wire is de-energized and the time delay starts. The green POWER light will start flashing about once per second. When the time delay gets close to finishing, the POWER light will flash rapidly. After the time delay, J11-2 loses power and the transfer augers, which are in AUTO, shut off. The timer OUT light turns off.



DANGER

DISCONNECT AND LOCK OUT POWER TO THE ENTIRE DRYING SYSTEM, INCLUDING THE FANS, BEFORE OPENING THE MAIN COVER ON THE CONTROL BOX TO SET OR ADJUST THE TIMER.

TIMER TOP VIEW



TIMER TERMINALS

