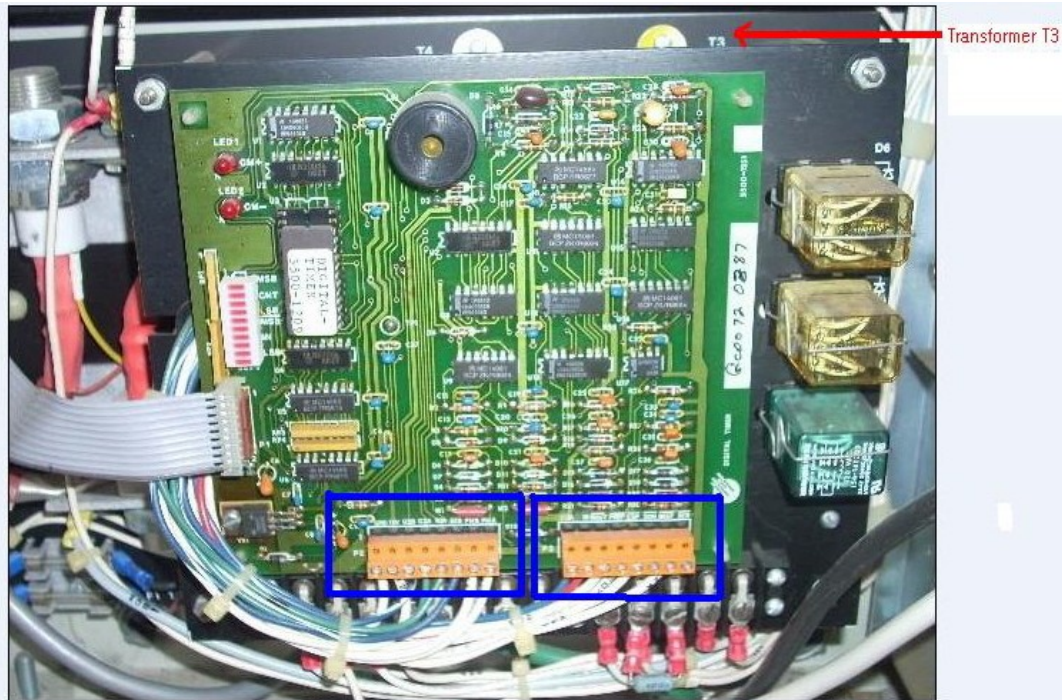


## Troubleshooting the Digital Timer of the 3487 Uni-Matic



Check all the wire connections at connectors P2 and P3. Check that the wire is bare going into each screw terminal connector of P2 & P3. Check that all the screw connections are tight on P2 & P3

Check the screw connections on connectors P2 and P3. They may be orange connectors or they may be green in color. The screw connectors can work loose over time. Also check that the screws tighten down on the strands of the wire and not on the insulation of the wire. I've seen both of these problems before.

Also, the three relays on the side of digital timer chassis, K1, K2 and K3, it is always a good idea to clean the contacts of these relays with a contact burnisher. See the location of relays in the above photo to the right of the digital timer p.c.b

Note the location of transformer T3 in the top of the photo. This is the supply for +15 vdc to the timer p.c.b. Loss of the +15 vdc can cause no exposure or intermittent no exposure if the +15 vdc is intermittent. P2-2 of the connector above is the +15 vdc output. It is supplied from the junction of diodes D3 & D4 as fed from transformer T3 (see the digital timer chassis schematic).

It is important to check all the above first before replacing the digital timer p.c.b.