

SERVICE BULLETIN NO. 138 (UL)

Transition of transformer for CONMATIC Line UL – from 208 V to 240 V

The nominal output voltage of the transformers is 17 V and 24 V, respectively.

This applies to a nominal primary voltage of 208 V.

BUT -

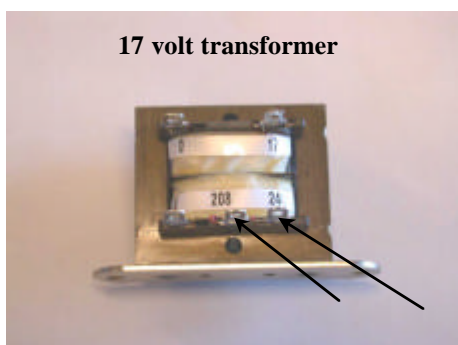
It has turned out that the discharge voltage of a 24 V output terminal is approx. 26.5 V at a normal primary voltage of 208 V, consequently, the coils in the contactors are overloaded.

The normal tolerances for output voltage is between -15 and + 10 % of the nominal voltage.

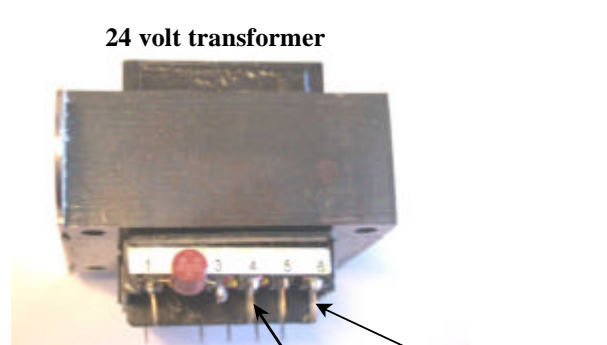
SOLUTION:

We therefore recommend that you move the wire for the primary voltage from the "208 V terminal" to the "240 V-terminal". This reduces the output voltage. See illustrations below.

- 1) The wire on the 17 V transformer which is connected to terminal "208" should be moved to terminal "240".
- 2) The wire on the 24 V transformer which is connected to terminal "4" (208 V) should be moved to terminal "6" (240V).



Move the wire from terminal 208 to terminal 240



Move the wire from terminal 4 (208V) to terminal 6 (240V)

Yours sincerely,

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