

TEMPORARY INSTRUCTION LEAFLET #3654  
(Attach IL-3641)

TYPE "TRC" THERMAL RELAY  
INSTRUCTIONS

The "TRC" thermal relay covered by Instruction Leaflet #3654 is exactly the same as that described in Instruction Leaflet #3641, except that the solenoid coil has been redesigned to permit the elimination of the thermal protecting reset switch described on Page 4 of I.L. 3641. An ordinary push button switch is used in place of this device.

The solenoid coil is now designed so that it may be continuously energized for several minutes without harm. There is no danger of burning out the coil. However, it is recommended that the reset switch be closed momentarily with a firm pressure. If the relay does not reset instantly, it will be necessary to wait a few minutes for the transformer to cool. The relay coil is designed for 125 volts, 60 cycles operation. It may be used on DC by the addition of a suitable resistor in series. Due to the size of the resistor required, it is necessary that this resistor be mounted on the customer's panel, or if a control panel is available on the transformer of sufficient size, it may be located on the transformer. The standard reset housing is not large enough to take the resistors required.

The minimum reset voltage for the solenoid coil is 88 volts, 60 cycles.

There is no change in the schematic diagram shown on Page #3 of I.L. 3641, except that the thermal element shown in the schematic diagram will be omitted.