

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component - Manual Reset Temperature Limiting Thermostat (thermal cut-out) type TY62-R.

GENERAL CHARACTER:

This device is a manual reset, bimetal actuated, DPST, thermal cut-out thermostat with normally closed (NC) contacts.

Function Description

The device is provided with a bimetal disc that directly switches the contact by means of the transfer pin, changing the position of the moveable contact support. The moveable contact support works in combination with the reset button in order to reset the contacts and to prevent the thermostat from resetting automatically when the bimetal cools below its switch temperature. A manual action is required to reset the movable contact support.

The opening set-point temperature may be selected from 75°C to 180°C with manufacturing deviation of ± 4 K, and ± 8 K of Drift. This device has been subjected to a 6000 cycles endurance test (1000 cycles with current and 5000 cycles with out current).

The Manual Reset Temperature Limiting Thermostat (thermal cut-out) has been declared by the manufacturer, and it has been evaluated for type 2.BH action. It means that thermostat is intended for limiting application (thermal cut-out), able to provide micro-disconnection and designed in order that the contacts cannot be prevented from opening and which may automatically reset to the closed position if the reset means is held in the reset position. In addition the thermostat doesn't reset automatically at -35°C with the reset mechanism in the normal position.

RATINGS: for more details about ratings see ILL. 1.

Electrical - 250 Vac, 16 resistive; 3 A Inductive non-motor (general purpose) Load, 6K cycles

Temperature - Maximum ambient temperature 180°C

Deviation ± 4 K /Drift ± 8 K

The trip temperature may be selected progressively each 5K and only multiples of 5K.