



## Description

Electronic thermostats are designed for accurate and reliable temperature control for domestic appliances and industrial equipments. **NOVA** Electronic thermostat (NTH02) is an economic and reliable instrument, widely used in relay & control panel, switchgear cubicle, main distribution board, control boxes, laboratory instruments and others. When it is in use, usually it should be combined with other products such as an electric fan or space heater.

The complete set of **NOVA** electronic thermostat (NTH02) is rugged and modern design. The thermostat is made of polycarbonate housing with a black polycarbonate knob, also marking scale is provided to set the desired temperature.

This instrument keeps constant within the differential temperature. It is intended to use for preventing of moisture content which may be occurred in the switchboard, control panel, switchgear cubicle, small control boxes etc. The setting ranges are started from -20°C to 60°C (error: +2 ~ 5°C) with one change over contact (breaking capacity : 16A at 220Vac  $\pm$ 10%) for controlling or command purpose.

## Specification

Temperature range adj.	-20 to + 60°C
Differential	2 - 5°C
Contact resistance	<50mΩ
Dielectric strength	AC 2,000V/1min
Insulation resistance	≥100MΩ
Life cycle	>100,000 cycles
Max. switching capacity	16A/220Vac ±10% 3A (24-125Vdc), 380W
Mounting	Clip for 35mm. DIN rail, EN50022
Casing	Plastic according to UL94 V-O, light grey
Degree of protection	IP20
Dimension	67 x 50 x 38 mm.
Weight	Approx. 60 g.

## Wiring Diagram

