

# ΩDBK TBT Mechanical Thermostat

## Specifications:

**Rated Voltage:** 100 to 240VAC, 50/60Hz

**Switching Capacity:** 16A @ 240VAC resist.  
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### Operating Specification:

Type : Adjustable  
Sensing : Bimetal type  
Tolerance :  $C \pm 4K$   
Differential:  $8 \pm 2K$   
Operation : Heating or Cooling

**Service Life** : > 100,000 cycles

**Storage Temperature:** -45°C to 140°C

**Knob** : red or blue

**Dimensions:** 61mm / 65mm / 45mm

**Mounting:** EN 50022 DIN Rail (35mm)  
**Termination:** AWG 20-14 (0.5 – 2.5mm<sup>2</sup>)  
with wire protector

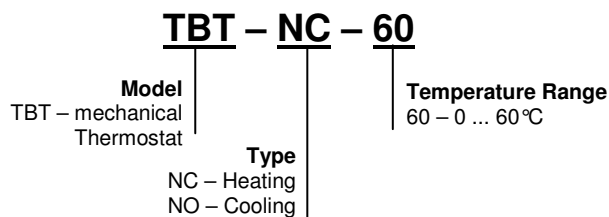
**Housing:** plastic UL94-V0

**Protection:** IP20

**Weight:** approx. 60g

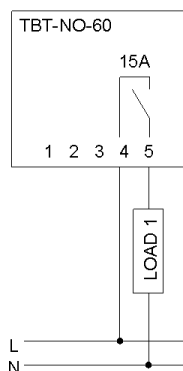


## Ordering Information

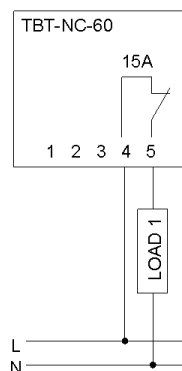


- Low Cost mechanical Thermostat
- High switching capacity
- Bimetal type Thermostat with low switching difference (hysteresis)
- Wide sensing Range of 0..60°C

## Connection Options:



Cooling



Heating

## Applications:

Heating Application with  
ΩDBK Typhoon 300  
Fan Heater



Heating Application with  
ΩDBK Blizzard 50  
Natural Convection Heater

