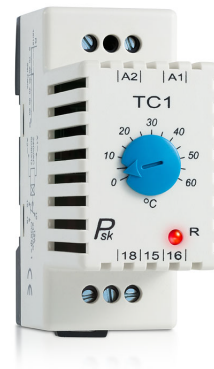


# TC1

## Fans compact electronic control thermostat

- Fans compact electronic control thermostat
- DIN rail fixing
- Degree of protection IP20
- Adjustable temperature from 0°C - 60°C
- Connection: 2.5mm<sup>2</sup> to 4mm<sup>2</sup> terminals



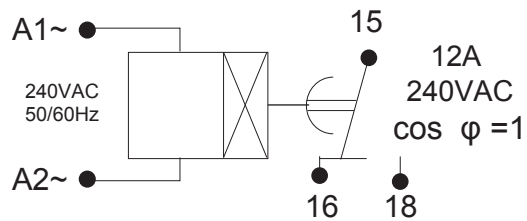
### Description of function:

This thermostat allows the regulation of temperature in the enclosure.

As a result, service life of the fan is increased and obtain clean filter of the unit.

When the temperature increases above preset value, relay energizes, contacts (15-18) is closed activating the fan to extract the heat. Supply to the unit between (A1) and (A2) must be continuous.

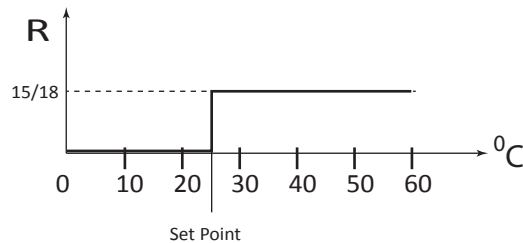
### Connections



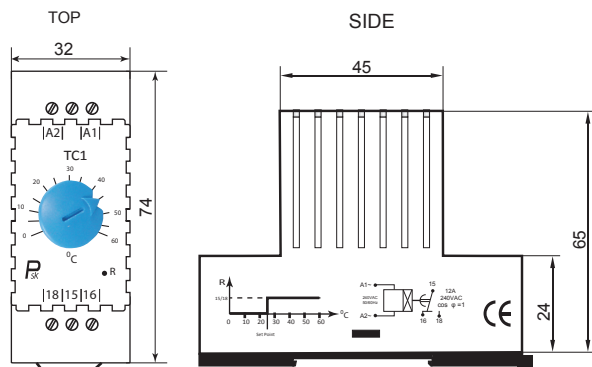
### General specifications

- Max. control current: 12A 250 V
- Sensor element: Electronics LM 35DZ
- Max. switching capacity: 12A 250 VAC ( cos φ=1)  
7A 240V (inductive load)  
DC 30W
- Operating temperature: -20 to +80°C (-4 to +176°F)
- Degree of protection: IP20
- Hysteresis: 3°C
- Adjustable temperature: From 0 to 60°C
- Self-extinguishing plastic housing UL V0 acc IEC 529
- Mounting position: on DIN-rail TS 35 according to EN 50022
- Mounting position: vertically.
- Terminal : acc IEC 60947-7-1, IEC 60998-1
- Terminal Capacity: 1x4mm<sup>2</sup> without multicore cable end.  
1x0.5 to 2.5mm<sup>2</sup> with/without multicore cable end.

### Function



### Dimensions



### Dimensions & weight

- Width: 32 mm
- Height: 74 mm
- Depth (excl. DIN-profile): 65 mm
- Weight: 66 gram

### Ordering information

TC1