TC100 Series Electro-Mechanical Thermostat

Product Description

The TC100 Series of fan coil thermostats are optimised for office building, hotel and residential applications. The TC100 Series can be used for 2-pipe or 4-pipe applications. Their simple design makes them suitable for any contemporary building. They are both easy to operate and install.

Features

- Set-point, fan speed and mode control
- Easy to install and maintain
- Green set-point marking indicates ideal range for energy efficiency
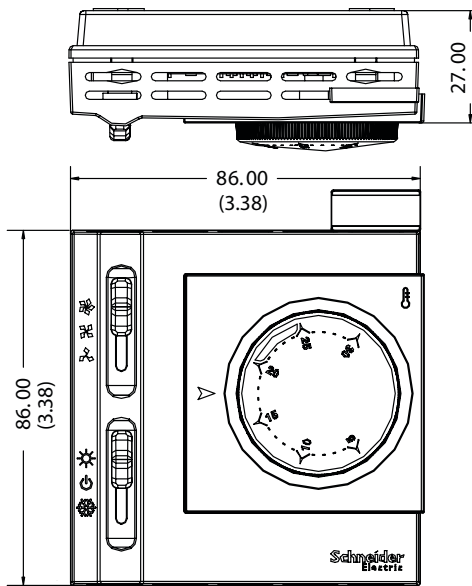
Available Products

Part Number	Description	Application
TC103-3A2	FCU thermostat for two-position on/off actuator (2-wire)	2-pipe
TC103-3A2C	FCU thermostat for two-position on/off actuator with fan stop (2-wire)	2-pipe
TC103-3B2	FCU thermostat for two-position on/off actuator (3-wire)*	2-pipe
TC103-3B2C	FCU thermostat for two-position on/off actuator with fan stop (3-wire)*	2-pipe
TC103-3A4	FCU thermostat for two-position on/off actuator (2-wire)	4-pipe

*Note: 3-wire actuator requires Form C/time-out functionality.

Specifications

Sensing element	10K NTC (3950)
Accuracy	±1.5 °C at 20 °C
Set-point range	5 … 30 °C
Operating temperature	0 … 45 °C
Storage humidity	5 … 90% RH
Storage temperature	-10 … 60 °C
Power supply	230 Vac ±10%, 50/60 Hz
Switch current rating	5 A resistive, 2 A inductive @ 230 Vac
Protection class	IP20
Housing	Flame-retardant PC
Dimensions	86 x 86 x 27 mm (3.38" x 3.38" x 1.06")
Hole pitch	60 mm (standard)

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Dimensions mm (in.)

27.00

86.00
(3.38)

86.00
(3.38)

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Functions

Set-point Adjustment – The set-point adjustment dial allows users to select a desired set-point for the space. The green set-point marking provides the user with the ideal range to optimise energy efficiency. The set-point range can also be limited by locking the set-point range.

Fan Speed – Users can select between High, Medium and Low fan speeds by adjusting the fan speed switch.

Mode Control – Users can switch modes from heating to cooling, or turn the thermostat off by adjusting the mode switch.