

# RT16/2

## Analogue Room Thermostat

Designed for automatic regulation of heating and conditioning systems. Compact design, Operation by Gas Membrane. ORBIS Model: CLIMA ML

### Features:

- The operation by gas membrane makes them reliable and durable in accuracy
- No power supply needed
- Changeover output ac / heating
- Small, precision ambient thermostat with a compact design
- Functions using a gas membrane, making them reliable, hard-wearing and precise
- Allows blocking of temperature to avoid changes
- Without manual control
- MODEL: CLIMA ML



### TECHNICAL DATA

	RT16/2
Power supply	Not needed
Switching capacity	16 (2.5) A / 250 V~
Type of contact	NO NC
Sensitive element	Vapour expansion lung
Operating modes	Heating / Air conditioning
Measurement unit	°C
Regulation margin	$\Delta t = 1,5\text{ °C} \pm 0,5\text{ °C}$
Differential	$\Delta t = 1.5\text{ °C} \pm 0.5\text{ °C}$
Thermal gradient	1 °C / 15 min
Protection class	Class I in correct mounting conditions
IP Rating	IP20 according to EN 60529
Pollution degree	2
Action type	1B
Rated impulse voltage	4 kV
Ball pressure test temperature	90 °C (21.2.5)

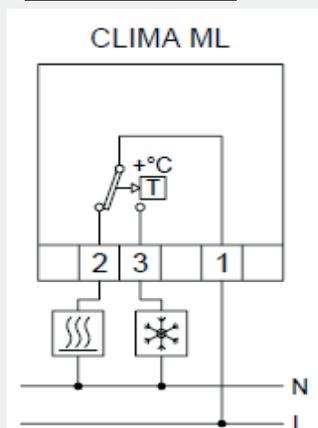
## RT16/2 Continued...

### TECHNICAL DATA

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Method of mounting control	Wall (surface or distribution box)
Installation height	Ideal 1.5 m
Wire cross section	Flexible: 1 mm <sup>2</sup> to 2.5 mm <sup>2</sup> Rigid: 1.5 mm <sup>2</sup> to 4 mm <sup>2</sup>
Operating temperature	0 °C to 50 °C
Transportation and storage temperature	-10 °C to 60 °C
Net weight	92 g

#### Wiring Diagram:



#### Dimensions:

