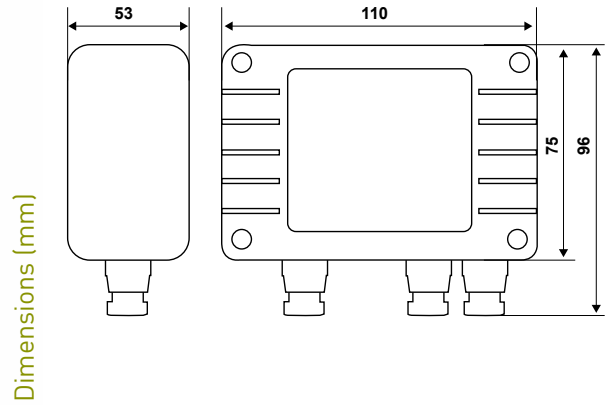


L04BM2A

2-output ON/OFF thermostats, wall mounting

For heating or refrigeration systems with 2 outlets and 1 probe.



Sensor	Power supply	Num Out-puts	Measuring range °C	Resolution °C	Probe accuracy K	Degree of protection	
L04BM2A	1 probe NTC 10K LS130 including	230Vac	2	-40 - 105	0.1 [-19.9-99.9], 1	$\pm 0.3^{\circ}\text{C}$[-40-100], $\pm 1^{\circ}\text{C}</math>$	IP55
LT312U	Power transformer, primary 230Vac, secondary 12Vac						

* On this model it is also possible to connect a PTC1000 (LS120, not included) instead of the NTC10K.

ELECTRICAL CHARACTERISTICS

Output on single-pole relay in deviation.
Contact rating 8(3)A 240Vac per output.
Power consumption 2W.

REGULATIONS AND APPROVALS

Compliant with EN60730-2-9, EN60730-1, EN55022 (CLASS B), EN50082-1.

INSTALLATION

Wall mounting.

OPERATION

Type of control: can operate in ON/OFF or PID mode.

Temperature alarm management for output 2.

ON/OFF control: in ON/OFF mode, the output is ON or OFF depending on the input temperature, setpoint (1SP) and hysteresis value (1HY).

Hysteresis indicates the magnitude of the setpoint temperature deviation to reactivate the output.

PID control: in PID mode the output is ON for a fraction of cycle time 1CT.

The cycle time characterises the dynamics of the system to be controlled and influences the accuracy of the control.

Proportional control.

Integrative proportional control.

FEATURES

NTC10k inputs.

Configurable parameters:

- cooling or heating function by assigning positive or negative sign to the differential or proportional band respectively;
- minimum or maximum setpoint limits;
- ON or OFF status of the output in the event of a defective probe;
- minimum ON/ OFF time of the output independent of the temperature value
- absolute or relative temperature alarms of output 2 (models with two outputs only).

Operating temperature -10 to 50°C.

IP55 degree of protection.

ON/OFF button on the front.

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ACCESSORIES



LS130
NTC10k probe,
scale range from -40 to 105°C,
2 wires.