

# LTR-5

77x35x77 mm

## Single output ON/OFF or PID thermostat or humidistat

### Main Features

- Runs on mains power supply
- PID with autotuning or ON/OFF control
- Output on relay (16A) or SSR piloting
- Input for PTC, NTC10K or 0÷1V
- 0.1 / 1°C or 1°F resolution
- Refrigerating (dehumidifying) or heating (humidifying) control mode selection
- Stand-by button on the front
- Load start limitation and safety function in the event of breakage of the sensor
- Quick setup through ZOT-LTR device
- Connection to LAE supervisory systems TAB.

### Applications

**Temperature:** Control of small cold stores, refrigerated cabinets and tables, heating systems, heated cupboards, bains-marie, ovens, laboratory equipment.

**Humidity:** Control of greenhouses, seasoning cells, cold rooms, air-conditioned rooms.



### Series LTR-5

Functions	LTR-5T..	LTR-5C..	LTR-5A..
Input type	PTC	NTC10K	0÷1V
Range	-50÷150°C -60÷300°F	-40÷125°C -40÷250°F	0÷99.9% r.H.
Accuracy	±0.3°C <sup>(a)</sup> , ±1.0°C <sup>(c)</sup>	±0.3°C <sup>(b)</sup> , ±1°C <sup>(c)</sup>	±0.7% r.H.
Resolution	0.1/1°C; °F		0.1/1 % r.H.
Front protection	IP55		
Panel cut-out	71x29		
Ambient temp.	-10÷50°C		

<sup>(a)</sup>-50÷140°C; <sup>(b)</sup>-40÷110°C; <sup>(c)</sup>remaining range.

LTR	T	S	R	E	-B
	1	2	3	4	5
POS.	FUNCTION	DESCRIPTION			
1	Input	T*= PTC; C**= NTC10K; A= 0÷1V			
2	Connectors	S= screw terminals; Q= male+female terminals			
3	Output type	R = relay; F = SSR drive			
4	Supply	D =12Vac/dc; E =230Vac; U =115Vac, 2W			
5	Serial comm.	- = no serial port; -A = TTL; -B = RS485			

How to order examples:

- LTR-5CSRE-A (NTC10K input, 1 relay, screw terminals, 230Vac supply, TTL port)
- LTR-5ASRU (0÷1V input, 1 relay, screw terminals, 115Vac supply, no serial port)

\* The standard PTC probe is the ST1K20P1

\*\* The standard NTC probe is the SN4K20P1

On request, the LTR-5 is also available with gasket for a better protection between bezel and panel.

**In order to know more options available for the models, please consult LAE or our local dealer.**

