

LTR15
77x35x77 mm



Single output 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, NTC or 0÷1V
- 0.1 / 1°C or 1°F resolution
- Refrigerating (dehumidifying) or heating (humidifying) control mode selection
- ON/OFF 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, cupboards, bains-marie, ovens, laboratory equipment.

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

LTR15 series

Functions	LTR15T..	LTR15C..	LTR15A..
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 ^(a) ; ±1.0°C ^(c)	±0.3°C ^(b) ; ±1°C ^(c)	±0.7% r.H.
Resolution	0.1/1°C; °F		0.1 % r.H.
Front protection	IP55		
Panel cut-out	71x29 mm		
Ambient temp.	-10÷50°C		

^(a)-50÷140°C; ^(b)-40÷110°C; ^(c)remaining range.

LTR	15	T	1	R	E	-B	G
	1	2	3	4	5	6	7

POS.	FUNCTION	DESCRIPTION
1	Series	15 = dim. 35x77mm, prot. IP55
2	Input	T= PTC*; C**= NTC10K; A= 0÷1V
3	Output nr.	1 = one
4	Output type	R = relay; F = SSR drive
5	Supply	D =12Vac/dc; E =230Vac; U =115Vac, 2W
6	Optional serial comm.	- = no serial port; -A = TTL; -B = RS485
7	Front label	G = button (←); S = button (0/1)

How to order examples:

LTR15C1RE-AS
(NTC10K input, 1 relay, 230Vac supply, TTL port, front label with (0/1) button)

LTR15A1RU-G
(0÷1V input, 1 relay, 115Vac supply, no serial port, front label with (←) button)

* The standard PTC probe is the ST1K20P1

** The standard NTC probe is the SN4K20P1

On request, the LTR15 is also available with gasket for a better protection between bezel and panel.

In order to know versions available, **please consult LAE or our local dealer.**

