LTR15
77x35x77 mm

lae ELECTRONIC

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 �’O/I’

How to order examples:

LTR15C1RE-AS
(NTC10K input, 1 relay, 230Vac supply, TTL port, front label with �’O/I’ 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**.

LTR15T1RE-B