

LTR-5

77 x 35 x 77 mm

Single output ON/OFF
or PID controller



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
- ON/OFF button on front
- Connectivity LAE supervisory systems

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÷260°F	0÷99.9% r.H.
Accuracy	±0.3°C ^[a] ; ±1.0°C ^[c]	±0.3°C ^[b] ; ±1.0°C ^[c]	±0.7% r.H.
Resolution	0.1 / 1°C, °F		0.1 / 1 % r.H.
Front protection	IP55		
Panel cut-out	71 x 29 mm (W x H)		
Ambient temperature	-10÷50°C		

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

	LTR-5	C	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				
(4)	Output type	R = relay ; F = SSR drive				
(5)	Supply	D = 12Vac/dc ; E = 230Vac ; U = 115Vac, 2 W				
(6)	Serial comm.	- = no serial port; -A = TTL; -B = RS485				

** The standard NTC probe is the SN4B20P1

How to order examples:

- LTR-5CSFE-B (NTC10K input, 1 SSR drive output, screw terminals, 230Vac supply, RS485 port)
- LTR-5ASRE (0÷1V input, 1 relay, screw terminals, 230Vac supply, no serial port)

- 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.

