



Controllers
Temperature & Humidity



LTC15
77x35x77 mm

Universal Two Stage Controller

LTC15 Series

Functions	LTC15T..	LTC15P..	LTC15J..	LTC15A..	LTC15I..
Input type	PTC1000 NTC10K	PT100	TC "J" TC "K"	0÷1V	0/4÷20mA
Range	-50÷150°C -60÷300°C	-40÷125°C -40÷260°C	-100÷850°C -150÷999°C	-50÷750°C -60÷999°C	-50÷999°C -60÷999°C
Precision	±0.3°C	±0.2°C ^(a) ±0.5°C ^(b)	±0.2°C ^(a) ±1°C ^(b)	±3°C	±3mV ±0.1mA
Resolution	0.1/1; °C/°F		1°C/°F	0.1/1	
Front protection	IP55				
Panel cut-out	71x29 mm				
Ambient temp.	-10÷50°C				

^(a)-19.9÷99.9°C; ^(b)remaining range.

LTC	15	T	1	R	E	-B
	1	2	3	4	5	6

POS.	FUNCTIONS	DESCRIPTION
1	Series	15 =dim.35x77mm, front prot. IP55
2	Input	A=0÷1V; I=0/4÷20mA; J=T/C 'J'/'K'; P=Pt100; T=PTC1000/NTC10K
3	Output No.	1 =one; 2 =two
4	Output type	R =relay; M =Out1 on SSR, Out2 on relay
5	Power Supply	D =12Vac/dc, 2W; E =230Vac 50/60Hz; U =115Vac 50/60Hz 3W
6	Serial port	- = none-A =TTL; -B =RS485

** The standard PTC probe is the ST1K20P1

** The standard NTC probe is the SN4K20P1

On request, the LTC15 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.**

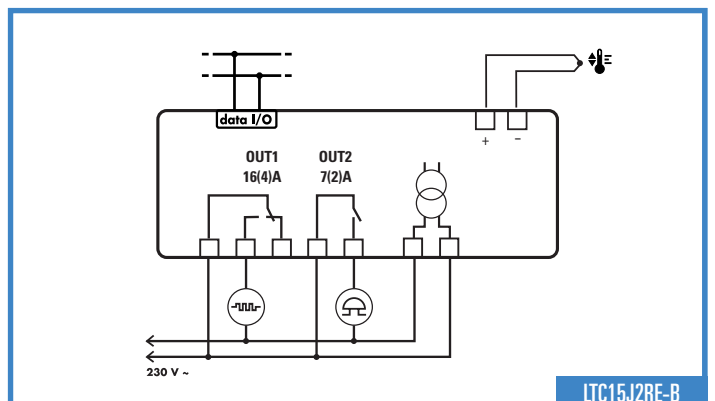
Main Features

- Ideal for wholesalers as one model fits several applications
- Runs on mains power supply
- PID with autotuning or ON/OFF control
- Powerful main output on relay (16A) and mixed outputs on relay and SSR drive piloting option
- Selectable Input: PTC/NTC, TC/J/K, Pt100, 0÷1V, 0/4÷20mA
- Truly user-friendly programming
- 0.1 / 1°C or 1°F resolution
- Refrigerating (dehumidifying) or heating (humidifying) mode selection
- Two Stage, Neutral Band, Alarm threshold control
- Standby button on front
- Quick setup through ZOT-LTC device
- Connection to LAE supervisory systems TAB.

Applications

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

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



LTC15J2RE-B