lae ELECTRONIC

AC1-2W

110x53x75mm

Two channel universal Controller, ON/OFF or PID

Main Features

- *Wall-mount controller*
- *Runs on mains power supply*
- *PID with autotuning or ON/OFF control*
- *Main output on relay or for SSR-piloting and auxiliary output on relay*
- *Input for 0÷1V, 0/4÷20mA, PTC/NTC10K, TC J/K or Pt100*
- *0.1 / 1°C or 1°F resolution*
- *Selectable Refrigerating/Heating (Dehumidifying/ Humidifying) control*
- *Absolute or relative temperature alarms*
- *ON/OFF button on front*
- *Load start limitation and safety operation in case of probe failure*
- *Quick programming through ZOT-AC1 key*
- *Connection to LAE TAB supervisory systems*

Applications

Temperature: control of small cold stores, heating systems, bains-marie, ovens, laboratory equipment.
Humidity: control of greenhouses, seasoning cells, cold rooms, air-conditioned rooms.

AC1-2W	T	S	1	R	E	-B
	1	2	3	4	5	6

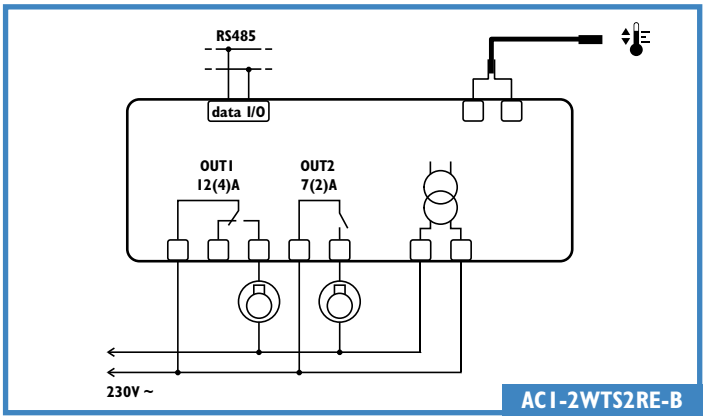
POS.	FUNCTION	DESCRIPTION
1	Input	**A** = 0÷1V; **I** = 0/4÷20mA; **J** = TC 'J' / 'K'; **P** = Pt100; **T** = PTC/ NTC10K
2	Connections	**Q** = detachable screw terminals
3	Output No.	**1** = one; **2** = two
4	Output type	**R** = relay; **M** = Out1 on SSR, Out2 on relay
5	Supply	**D** = 12Vac/dc; **E** = 230Vac 50/60Hz; **U**= 115Vac 50/60Hz 3 W
6	Serial comm.	**Nil** = no; **-A** = **TTL**; -B = RS485

AC1-2W Series

Functions	AC1-2WT..		AC1-2WP..	AC1-2WJ..		AC1-2WA.	AC1-2WI..
Input type	PTC	NTC10K	Pt100	TC "J"	TC "K"	0÷1V	0/4÷20mA
Range	-50÷150°C -60÷300°F	-40÷125°C -40÷260°C	-100÷850°C -150÷999°F	-50÷750°C -60÷999°F	-50÷999°C -60÷999°F	Configurable in setup	
Accuracy	±0.3°C	±0.3°C	±0.3°C[a]; ±1°C[b]	±3°C		±3mV	±0.2mA
Resolution	0.1 / 1 °C / 1 °F			1 °C / °F		0.1/1	

How to order:
AC1-2WPQ2RE-B (Pt100 input, detachable screw terminals, 2 relays, 230Vac supply voltage, RS485 port)
AC1-2WAQ2MD-A (0÷1V input, detachable screw terminals, output 1 on SSR drive, output 2 on relay, 12Vac/dc supply voltage, TTL port)

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



AC1-2WTS2RE-B