

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 ZOTAC1 key
- Connection to LAETAB 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					
1	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°F	-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.

