

# CD5

77 x 35 x 90 mm



## Indestructible, Totally Adaptable, Incredibly User-Friendly Controller

### Main Features

- Up to four powerful outputs, all configurable for a perfect adaptation to the specific requirements, such as: direct control of a highly rated compressor, LED light control, ECM ON/OFF fan control, regulation of heaters for heating/catering equipment, control of switched loads, defrost, alarms.
- Suitable for R290 natural refrigerant gas.
- Immediate configuration of the specific control mode (HT, LT, heating etc.).
- Excellent measurement accuracy  $\pm 0.1^\circ\text{C}$ .
- Universal power supply.
- TTL or RS485 serial port; IoT connectivity option via an external LAE Gateway.
- Selectable ASCII/RTU communication protocol.
- Several display colour options: blue, white, red.

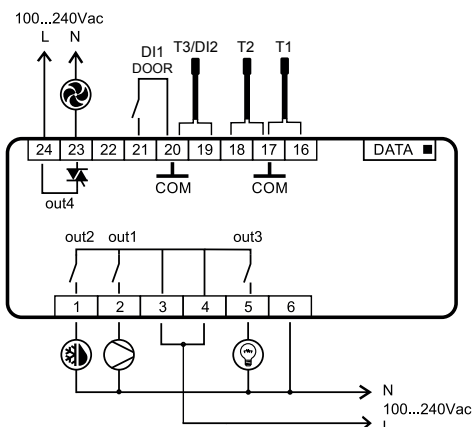
### Applications

Fridges and freezers, cold stores, control panels, food warmers, bain-maries.

### Series CD5

Functions		-01WHRB	-01WHRW	-02WHTB
Inputs/Outputs	01	Standard 4 inputs, 4 outputs	•	•
	02	4 inputs, 3 outputs		•
Power Supply	W	100...240Vac	•	•
	N	Standard		
Relays	H	For inflammable gas	•	•
	R	RS485	•	•
Serial port	T	TTL		•
	N	None		
	B	Blue	•	•
Display	R	Red		
	W	White		•
	-	None		
Aesthetical options and F/W	-xxx	Extras		

- › Standard Model: CD5-01WHRB
- › All versions are fitted with alarm buzzer



### Technical Data

Range	-50÷110°C, -58÷180°F
Resolution	0.1 / 1 °C; °F
Precision	$\pm 0.1^\circ\text{C}$ within the measurement range
Sensor Type	NTC10K $\Omega$ @25°C
Maximum loads of outputs:	
OUT1	15 FLA; 90 LRA; 15A resistive
OUT2	10A resistive @ 120Vac; 7A resistive @ 240Vac
OUT3	10A resistive @ 120Vac; 7A resistive @ 240Vac
OUT4	SSR 1A (30A inrush)
Power Supply	100÷240Vac $\pm 10\%$ 50÷60Hz 3W
Ambiente Temperature	-10÷50°C