



Description

- Analog Thermostat: CMA-001/CMA-001-E provides analog temperature control for filter fans inside electrical or 2 type of products
- control cabinets.
 - CMA-001 is an internal temperature sensor probe.
 - CMA-001-E is an external temperature sensor probe.
- 2 relay outputs (5A, 250VAC / 5A, 30VDC) to control 2 fans simultaneously.
- Hysteresis: 1-5°C to adjust the ON/OFF gap of the fan.
- Convenient and easy to install with DIN rail mounting.

Operation

CMA-001/CMA-001-E are ON/OFF temperature control devices

- CMA-001: Built-in temperature sensor. No external sensor required. Suitable for electrical and control cabinets.

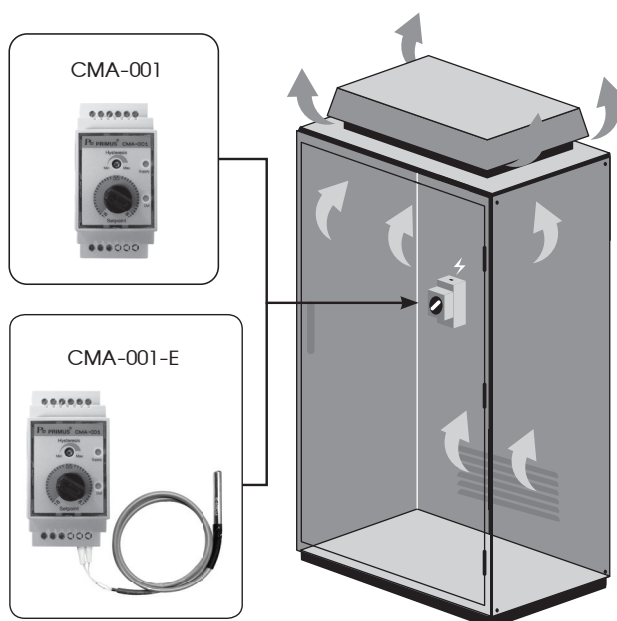
- CMA-001-E: External temperature sensor required. Suitable for capacitor banks, with probe monitoring temperature independently from the main unit.

Relay Output controls the fan for cabinet cooling. When the measured temperature exceeds the setpoint, the device activates the fan, reducing energy cost and extending fan service life.

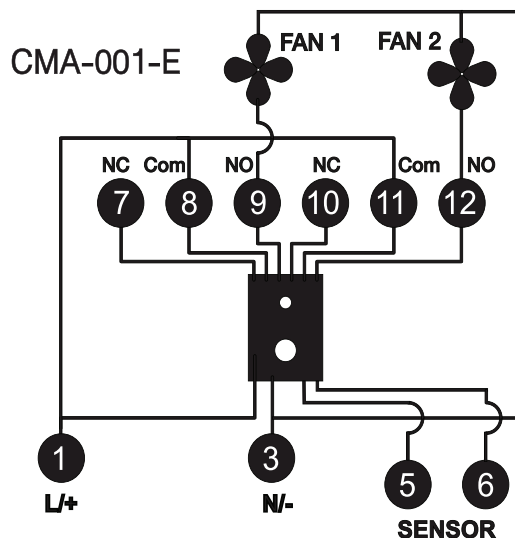
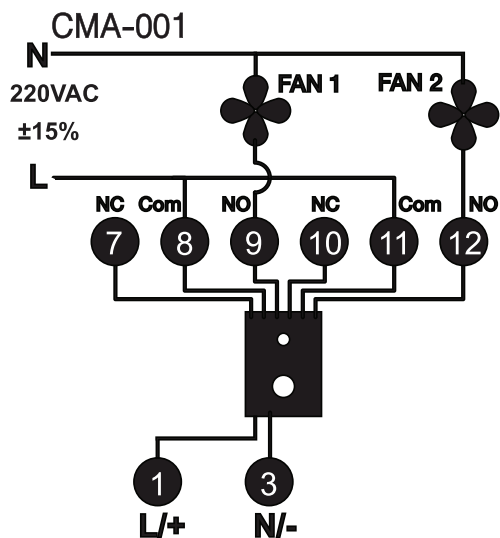
Specification

		CMA-001	CMA-001-E
Power Supply		220VAC ±15% 50/60Hz	
		110VAC ±15% 50/60Hz	
		24 VDC/VAC ±15%	
Sensor Type		PTC (2 kΩ) (Internal Sensor)	PTC (2 kΩ) (External Sensor) Model PTC-11 5 x 40 mm. (Wire 0.5 m.)
Measurement Range		18 to 87 °C	
Function Control		ON/OFF	
Hysteresis		1-5 °C	
Accuracy		10%	
Relay Output		2 Contact Relay Output	
		5A 250 VAC/ 5A 30 VDC	
Ambient Operation	Temperature	-10 °C to 60 °C	
	Humidity	<85% RH Non-Condensing	
Ambient Storage	Temperature	-20 °C to 80 °C	
	Humidity	<85% RH Non-Condensing	
Protection Degree		IP50	
Installation		DIN RAIL	
Material		ABS-V0	
Size (mm.)		40 x 90 x 62	
Weight (kg.)		173	

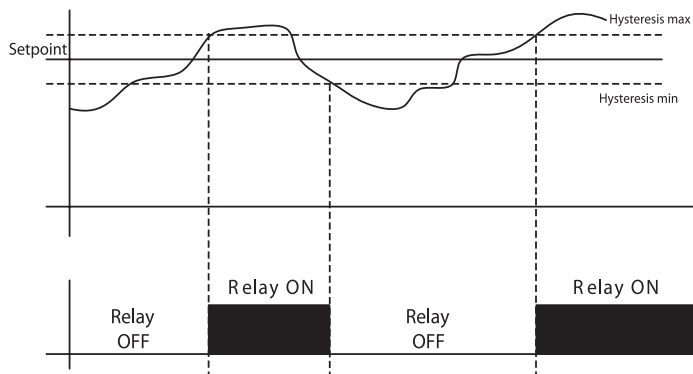
Installation



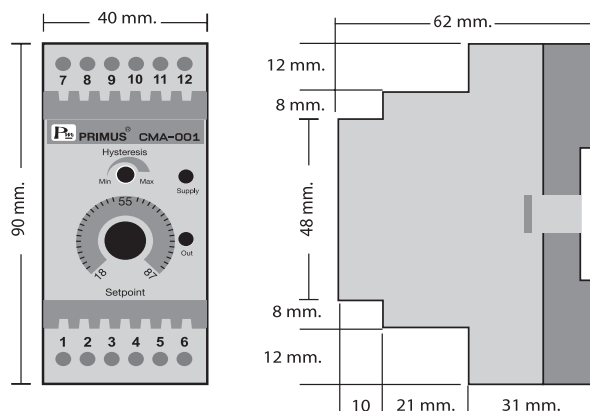
Wiring Diagram



Operation Graph



Dimension



Ordering Code

CMA-001- -

NONE	Internal Probe	NONE	220VAC ±15%
E	External Probe	110	110VAC ±15%
		24	24 VDC/VAC±15%