



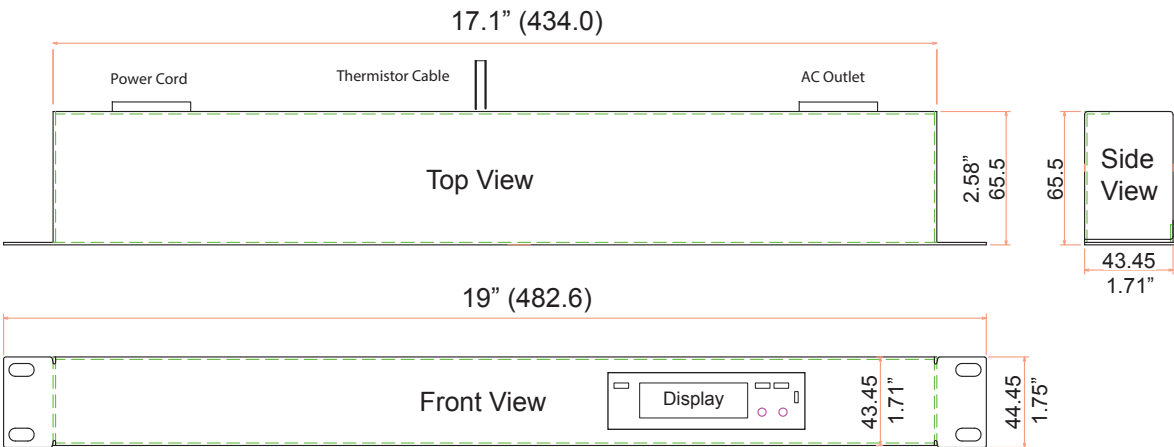
The TCAC001 low cost programmable thermal control unit enables the turning on and off of fan trays at a specific temperature. This reduces energy consumption by operating the fans only when needed. Additional energy savings are achieved by combining the TCAC001 with any Orion Fans thermally controlled fan tray which ramps fan speed up and down based on temperature in the cabinet.

Function Features

- Sensor temperature -20°C to +60°C
- Trigger set temperature and hysteresis 5°C
- Drive multiple units up to 10 Amps
- Fan control range 0°C to 60°C
- Input range 110VAC or 220VAC (use switch selection)
- User selectable for °C or °F



| Detail            | Description                                    |
|-------------------|------------------------------------------------|
| Height            | 1U                                             |
| Temperature Range | -20°C to +60°C (Fan control range 0°C to 60°C) |
| Voltage           | 120V & 230V (100mA) (Use selector switch)      |
| Output            | 10 Amps (any combination of fans)              |
| Input Power Cord  | 6 ft                                           |
| Thermocouple Cord | 6 ft                                           |
| Case Material     | Steel                                          |



Meets or exceeds:  
UL 60950-1  
CE, EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3

# Mouser Electronics

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Orion Fans:

TCAC001