



& ASSOCIATES, INC.

TAD-A419 Thermostat

- Rain Tight
- Digital
- NEMA 4X
- Electronic Temperature Control



Description

The **TAD-A419** electronic temperature control is a single-stage, Single-Pole, Double-Throw (SPDT), electronic temperature control. The control features a lockable , three button touchpad for setup and adjustment and an LCD which displays the sensed temperature and other control functions. A front panel LED indicates the output relay status. The control has a temperature range of - 30°F to 212°F.

The **TAD-A419** control has both heating and cooling modes with adjustable setpoint and differential, an adjustable anti-short cycle delay, and a temperature offset function. The control provides remote sensing capability, and electronic accuracy in a NEMA 4X watertight and corrosion resistant enclosure.

Features

- Easy-to-read LCD displays the sensed temperature and control function status clearly and custom icons on the display indicate the control and system status at a glance.
- The temperature differential adjustment range allows precise (1°F or °C) temperature differential settings that are much tighter than electromechanical controls.
- The Adjustable Anti-Short Cycle Delay (0-12 minutes in 1-minute increments) ensures that the output relay remains off for a user-set time delay and helps avoid hard starts, nuisance overload outages, and unnecessary equipment wear.
- The Noryl® high-impact thermoplastic type NEMA 4X enclosures allow watertight surface mount.
- Lockable front-panel touchpad allows easy setup and adjustment of the TAD-A419 control setpoint, differential, and other functions; a concealed jumper locks the touchpad.



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TAD-A419 Thermostat

Characteristics

Type	Range	Differential	Shipping Weight
SPDT	-30°F - 212°F	1°F - 30°F	1.0 Lbs

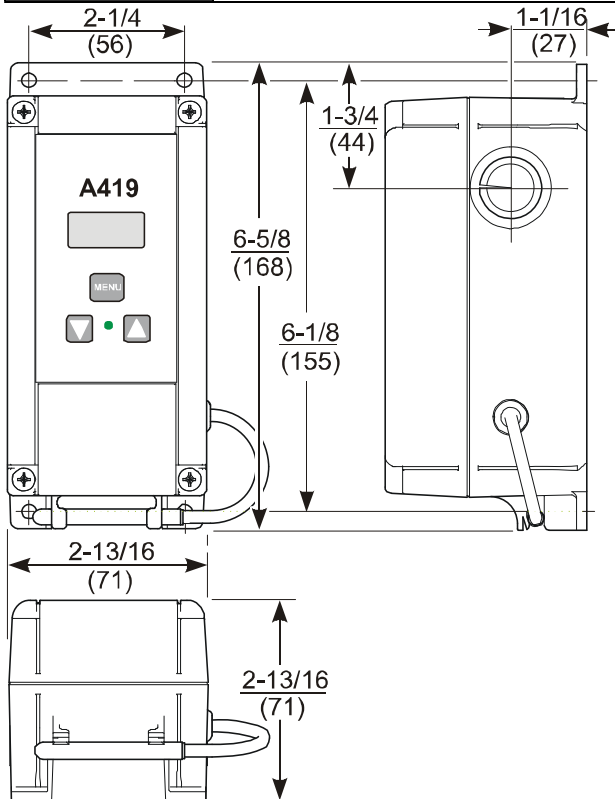
Mechanical Data

⚠ Electrical Ratings

	120VAC	208VAC	240VAC	277VAC
Full Load Amps	16.0	9.2	8.0	6.9
Locked Rotor Amps	96.0	55.2	48.0	41.6
Non-Inductive Resistive Load Amps	15.0	10.0	10.0	8.7

Ordering Information

TAD-A419A	Ambient Sensing (9 3/4" Sensor)
TAD-A419P	Line Sensing (6 1/2' Sensor)



Installation

- Multi-positional mounting meets new or existing wiring needs.
- All mounting holes are exterior to the enclosure.
- Easily removable knockouts in sides and top of enclosure.
- Large wiring compartment with watertight cover separated from thermostat compartment.
- May be connected to conduits.



6 1/2 ft. sensor wire for TAD-A419P

Applications

- Constant Wattage Heater Cable
- Self Limiting Heater Cable
- Mineral Insulated Heater Cable

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