

Explosion Proof Thermostat - C1D1/C2D1 - Mercury Free - 6FT 16/3 SOOW Cord w/ EXP Cord Cap

Part #: [EXP-TSTAT-120.240-86F-6C-EPP](#)



The Larson Electronics EXP-TSTAT-120.240-86F-6C-EPP explosion proof thermostat is designed for temperature control in industrial facilities where flammable gases, vapors or dust are or may be present. This device is adjustable using a set point knob system, which is powered by an SPDT snap action switch. Equipped with a 6-foot 16/3 SOOW cord and an explosion proof cord cap, the unit features a temperature limit range of -49°F to 176°F (-45°C to 80°C) and is rated at 120/240V AC (maximum).

The EXP-TSTAT-120.240-86F-6C-EPP offers accurate temperature control for heating, cooling and ventilation systems in hazardous locations. Featuring an SPDT snap action switch, this unit is rated at 120/240V AC (maximum). Operators may use an adjustable set point knob to configure the explosion proof thermostat, at a range of 36°F and 82°F (2°C to 28°C). The device is constructed of precision die-cast and corrosion resistant components for durability. To ensure safety, the unit does not contain any exposed copper or brass and mercury. When mounting the explosion proof thermostat inside the hazardous location, the unit must be positioned five feet above the floor. This improves the accuracy of temperature readings and reduces the possibility of false calculations due to the presence of nearby hot or cold elements. Operators may mount the device to walls or compatible surfaces using four cover bolts.

[Click Photos to Enlarge](#)



5-15 Straight Blade Plug



5-20 Straight Blade Plug



6-20 Straight Blade Plug

Wiring & Plug: This unit is equipped with 6 feet of 16/3 SOOW cord fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V explosion proof outlets, or a 6-20 20 amp straight blade plug for use with 220-240V explosion proof outlets. ****PLEASE NOTE**** voltage ratings on plugs and outlets are **MAXIMUM** voltage. For low voltage applications, proper voltage must be applied to the outlet or damage to the light fixture will occur.

Applications: Petroleum refineries, chemical and petrochemical plants, storage areas, agricultural sites, grain processing centers and other facilities where hazardous substances are handled or stored.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Specifications / Additional Information**EXP-TSTAT-120.240-86F-6C-EPP Explosion Proof Thermostat****Unit Type:** Explosion Proof Thermostat**Dimensions:** 5.9"- L, 4.3"- D**Weight:** 3 lbs**Voltage:** 120/240V AC (Maximum)**HP:** 1/2 HP @ 125V AC, 1 HP @ 120/240V AC**Switch Type:** SPDT Snap Action**Temperature Range:** -49°F to 176°F (-45°C to 80°C)**Adjustment Range:** 36°F to 82°F (2°C to 28°C)**Deadband:** 2.5°F (1.5°C)**Materials:** Precision Die-Cast Components**Mounting:** Wall or Surface**Conduit Connection:** 3/4" Female NPT**Cord:** 6 Feet of 16/3 SOOW Cord w/ EXP Cord Cap**Cord Cap Options:** 5-15P, 5-20P, 6-20P[Scroll Down to Purchase](#)

[This product does not qualify for free shipping.](#)

[Part #: EXP-TSTAT-120.240-86F-6C-EPP \(153049\)](#)

Features/Ratings

Class I, Divisions 1 & 2 Groups C & D

Class I, Zones 1 & 2 Groups IIA & IIB

Class II, Division 1 Groups E, F & G

Class II, Division 2 Groups F & G

Class III

NEMA 7, 9

CFC and Mercury Free

Corrosion Resistant

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671**Intl:** 1-903-498-3363**E-mail:** sales@larsonelectronics.com

Options:

EXP-TSTAT-120.240-86F-6C-EPP- CORD CAP

Example: EXP-TSTAT-120.240-86F-6C-EPP-1523

CORD CAP	
5-15P	-1523
5-20P	-2023.125V
6-20P	-2023.250V

Links (Click on the below items to view):

- [SpecSheet Spanish](#)

- [Hi-Res Image 1- Explosion Proof Thermostat](#)