Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

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

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

Product ID: 153049



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

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

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: 1-214-616-6180
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

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

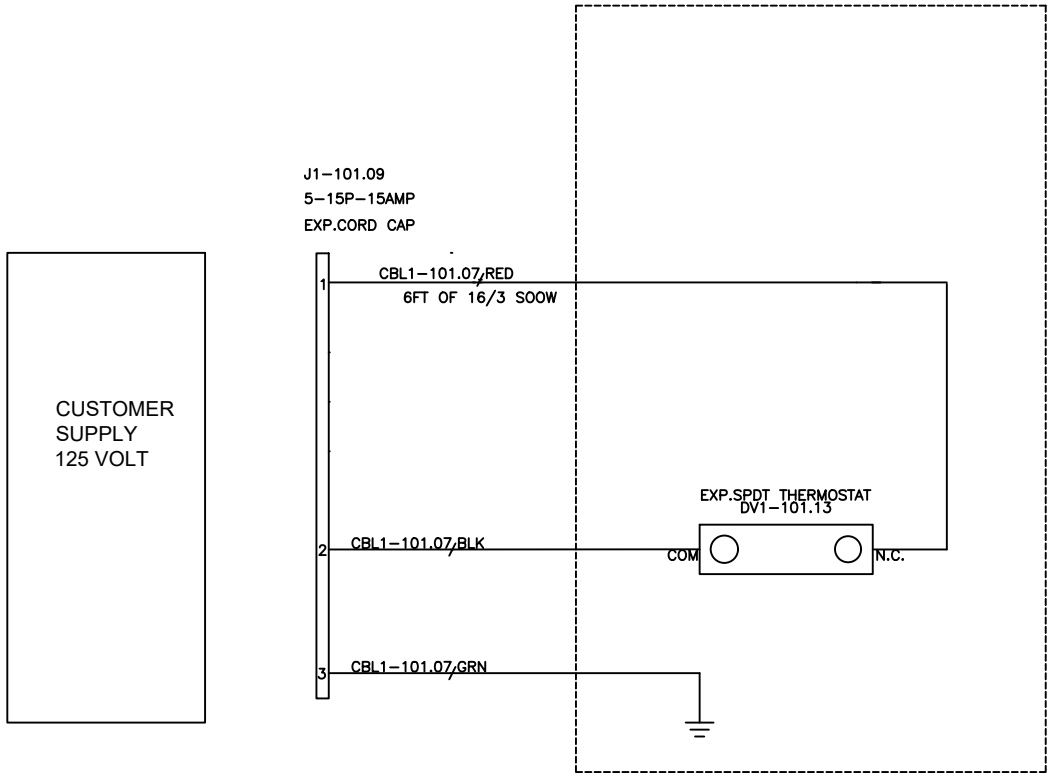
Wiring & Plug: This unit is equipped with 6 feet of 16/3 SOOW cord fitted with an explosion proof cord cap for easy connection to explosion proof outlets. Plug options include a 5-15 15 amp straight blade plug for use with 120V explosion proof outlets, a 5-20 20 amp straight blade plug for use with 120V 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.

REV	DESCRIPTION	DATE
A	Production Release	03/12/2024

EXP-TSTAT-120-240-86F-6C-EPP-1523

LARSON ELECTRONICS®

EXP.PROOF ENCLOSURE



TAGS	QTY	CATALOG	DESCRIPTION
J1-101.09	1	UNV00005389	EXPLOSION PROOF PLUG 125V 20A 5-20P
DV1-101.13	1	UNV00011976	EXPLOSION PROOF THERMOSTAT
CBL1-101.07	6FT	UNV00009083	16/3 SOOW MASTER BLK 3C -16AWG

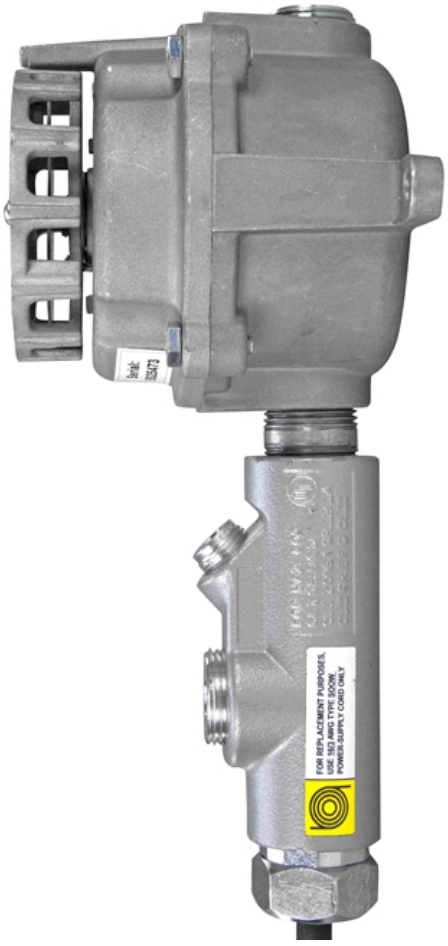
N.O.CONTACT IS NOT IN USE ,DONOT CONNECT IT.

LARSON ELECTRONICS
9419 E US HWY 175,
KEMP, TX 75143

TITLE			
EXP-TSTAT-120-240-86F-6C-EPP-1523			
DRAWN BY	DATE	REV	
A.HIRSH	03/12/2024	A	
CHECKED BY	SHEET #	DRAWING #	
A.Maldonado	1 OF 1	101	


15
60
10
50
20
70
25
80
5°C
40°F
LARSON
ELECTRONICS
THERMOSTAT FOR USE IN HAZARDOUS LOCATION.
22 Amps Res., 480 VAC Max., 1/2 HP 125 VAC, 1 HP 250 VAC
Class I, Divisions 1 & 2, Groups C & D;
Class II, Division 1, Groups E, F, & G;
Class II, Division 2, Groups F & G; Class III;
Class I, Zones 1 & 2, Groups IIA & IIB
CAUTION: To reduce the risk of ignition of hazardous atmospheres,
disconnect equipment from the supply circuits before opening.
Keep assembly tightly closed when in operation.
ATTENTION: Afin de réduire le risque d'inflammation des
atmosphères dangereuses, couper d'alimentation électrique
avant d'ouvrir l'équipement. S'assurer que l'équipement est
bien fermé avant de le mettre en service.
LISTED
7N42


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FOR REPLACEMENT PURPOSES,
USE SJO AWG TYPE SOOW
POWER SUPPLY CORD ONLY


MISTER
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Frequently Asked Questions (FAQ)