Larson Electronics LLC
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EPS-TPS-16A-3PH

16A Explosion Proof Manual Starter Switch - Class I, II, III - 480V Rated - Thermal Overload Protect - 3-Pole

Product ID: 332158

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: EPS-TPS-16A-3PH

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.

The EPS-TPS-16A-FT-0.75IN-3PH from Larson Electronics is an Explosion Proof Manual Starter Switch that is suitable for Class I, II and III flammable environments. Equipped Class 10 thermal overload protection, this 16-amp unit is rated at 480V AC. The explosion proof switch is constructed of malleable aluminum and is offered in feed-through or dead-end configurations, with 1/2" NPT or 3/4" NPT hubs.

The EPS-TPS-16A-FT-0.75IN-3PH is an explosion proof switch designed for applications in combustible work environments. Capable of handling loads up to 16 amps, this 3-pole unit is rated at 480V AC. Thermal overload protection is provided by a Class 10 Ambient-Compensated Thermal Overload Relay. This feature enables temporary overload at startup, with a Class 10 rating providing up to 10 seconds of overload condition before tripping the circuit. Ambient compensation reduces the possibility of false tripping, by taking the ambient temperature into consideration.

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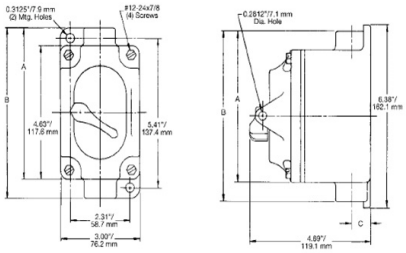

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The EPS-TPS-16A-FT-0.75IN-3PH explosion proof switch cover and housing box are constructed of malleable aluminum with all arcing devices contained within an explosion proof labyrinth switch for the highest protection possible. The entire unit is triple coated with zinc electroplate, chromate, and a final epoxy powder coat for maximum durability and corrosion resistance. A bushing seal at each conductor opening prevents damage to wiring insulation and a triple coat housing finish provides rugged protection against corrosion.

Hubs: This explosion proof unit is offered with 1/2" NPT or 3/4" NPT hubs. NPT tapped conduit openings are provided on the top and bottom of the unit in feed through versions, while dead end versions have a single conduit hub, providing easy and secure connection to main power line supplies. Each hub opening is fitted with an integral bushing to prevent fraying or damage to insulation.

Mounting: Two external mounting lugs provide simple and secure mounting of the unit to walls and flat surfaces. The unit box, switch and face plate are all included with the product.

Suggested Applications: Manufacturing, Industrial, Warehouse, Lighting, Lighting, Wet areas or Locations Where Combustible Dust is Present.

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

EPS-TPS-16A-FT-0.75IN-3PH Explosion Proof Manual Switch	**Ratings**
Listing: United States, Canada	Class I, Division 1&2 Groups C,D
Unit Dimensions: 3.00"-W X 4.69"-D X 6.13 "-L	Class II, Division 1&2 Groups E,F,G
Weight: -	Class III
Voltage Rating: 480V AC, 3PH	NEMA 7 (C,D) 9 (E,F,G)
Amps: 16A	
Poles: 3P	
HP: 1HP @ 230V AC, 1HP @ 120V AC; 3/4 HP @ 115V DC, 3/4 HP @	

230V DC

Operation: Toggle

Protection: Class 10 Ambient-Compensated Thermal Overload Relay

Insulation: Integral Bushings in Conductor Openings

Unit Materials: Box/Receptacle- Malleable Aluminum, Sealing Chamber- Aluminum

Finish: Triple-coat—Zinc Electroplate, Chromate, Epoxy Powder Coat

Mounting: External Mounting Lugs on Body

Grounding: Single Internal Housing Ground Screw

Configuration: Feed Through or Dead End

Hub Size Options: 1/2" NPT or 3/4" NPT

Special Orders- Requirements

Contact us for special requirements

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Frequently Asked Questions (FAQ)

There are no Faqs

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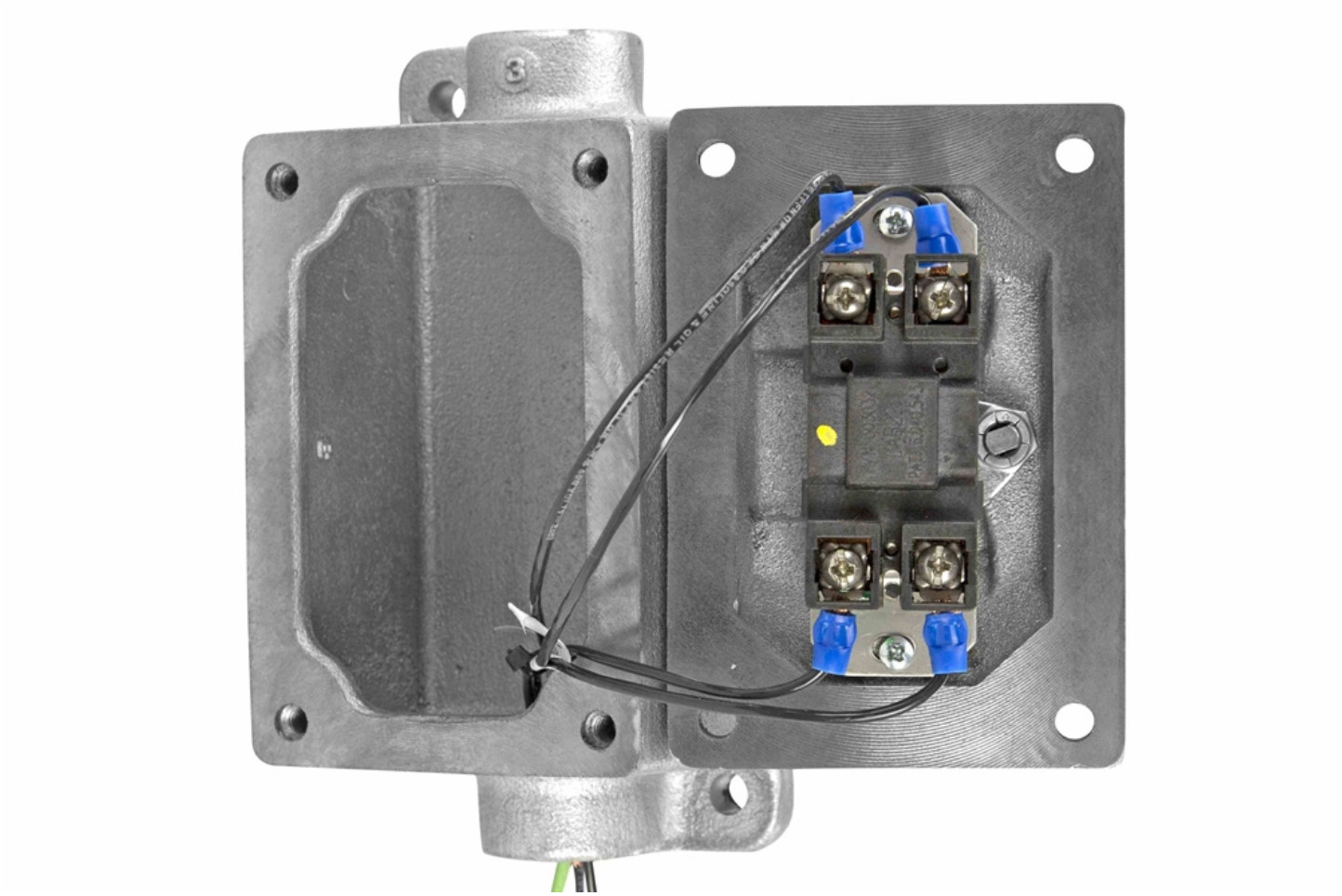

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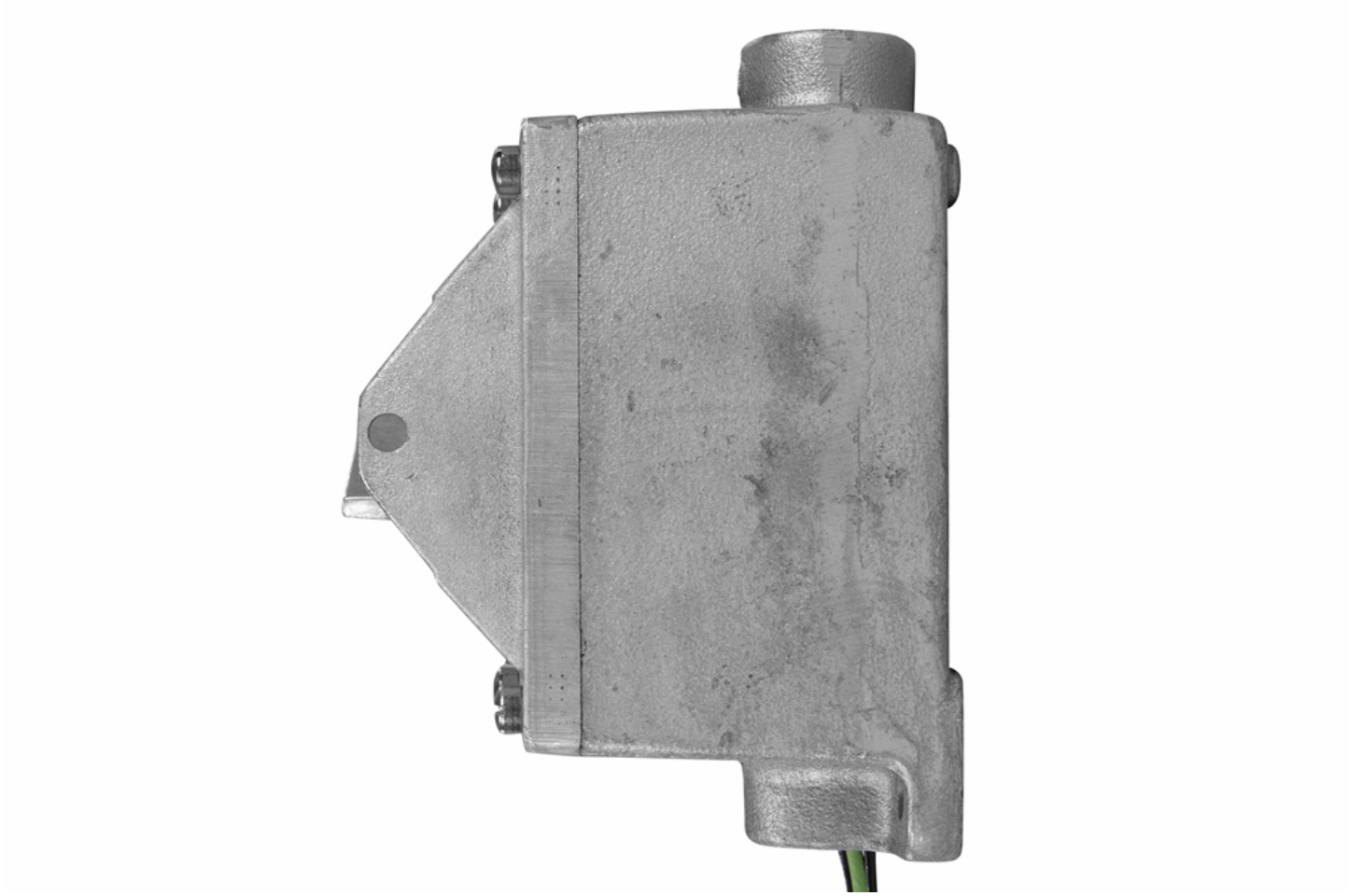

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EPS-TPS-16A-3PH

Product ID: 332158

Export Control Classification Number (ECCN): EAR99

Options:

EPS-TPS-16A-3PH-Configuration-Hub Size
Example: EPS-TPS-16A-3PH-FT-0.75IN

Configuration	
FEED THROUGH	-FT
DEAD END	-DE

Hub Size	
3/4	-0.75IN
1/2	-0.5IN

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/332158.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/332158.JPG)
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