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

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Email: sales@LarsonElectronics.com
Fax: 903.765.7664

EPS-25A-3W

Explosion Proof Three Way Switch - Class I, Div. 1 & 2 - Class II, Div. 1 & 2 - 25 Amp Rated

Product ID: 71150



Image: EPS-25A-3W

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.

EPS-25A-3W Explosion Proof Tumbler Switch
Switch Voltage Rating: 120-277 VAC
Switch Current Rating: 25 Amps- 1 HP @120 Vac & 2 HP @ 240 Vac
Grounding: Single Internal Housing Ground Screw
Configuration: Feed Through, Front Switch
Hubs: (2) 1/2" Feed Through
Unit Materials: Box/Receptacle- Malleable Aluminum, Sealing Chamber-Aluminum
Finish: Triple-coat—Zinc Electroplate, Chromate, Epoxy powder coat
Insulation: Integral Bushings in Conductor Openings
Mounting: External Mounting Lugs on Body
Unit Dimensions: 3.00"-W X 4.69"-D X 6.13 "-L
Switch Type: 3-way

Certifications - Compliance
Class 1 Division 1 & 2 Groups C, D
Class 2 Division 1 & 2 Groups E, F, G
Class 3
NEMA7- C&D, 9- E, F, G

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

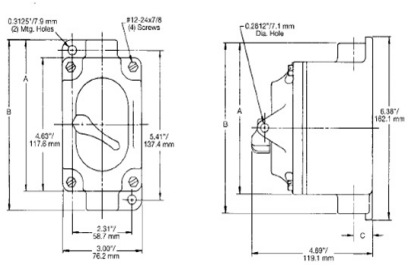
The Larson Electronics EPS-25A-3W Explosion Proof Feed Through Three Way Switch is UL Listed Class 1 Division 1 & 2 and Class 2 Division 1 & 2 and provides a safe and secure method for operators to interrupt power before connecting and disconnecting portable or stationary electrical devices and equipment in hazardous locations.

This explosion proof 3-way tumbler switch is ideal for operators seeking a high quality explosion proof switch rated for use in hazardous areas designated Class 1 Division 1 and Class 2 Division 1. This explosion proof switch is rated at 25 amps-120-277 Vac and 1 HP at 120 Vac and 2 HP at 240 Vac. The entire unit is constructed of malleable aluminum and contains an internal sealing chamber constructed of copper free aluminum. This unit is easily wall mounted via integral mounting tabs at two corners of the housing and provides two 1/2" hub openings located on the top and the bottom of the housing for running electrical conductors in a feed through configuration. A bushing seal at each conductor opening prevents damage to wiring insulation and a triple coat housing finish provides rugged protection against corrosion.

This unit is rated to handle electrical loads of 120-277 VAC up to 25 amps and is suitable for use in environments where combustible dusts and particulates may be present.



Click Photo to Enlarge



Click Photo to Enlarge

The EPS-25A-3W explosion proof switch cover and housing box is 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. Each 1/2` hub opening is fitted with an integral bushing to prevent fraying or damage to insulation. Two external mounting lugs provide simple and secure mounting of the unit to walls and flat surafces. The unit box, switch, and face plate are all included with the product.

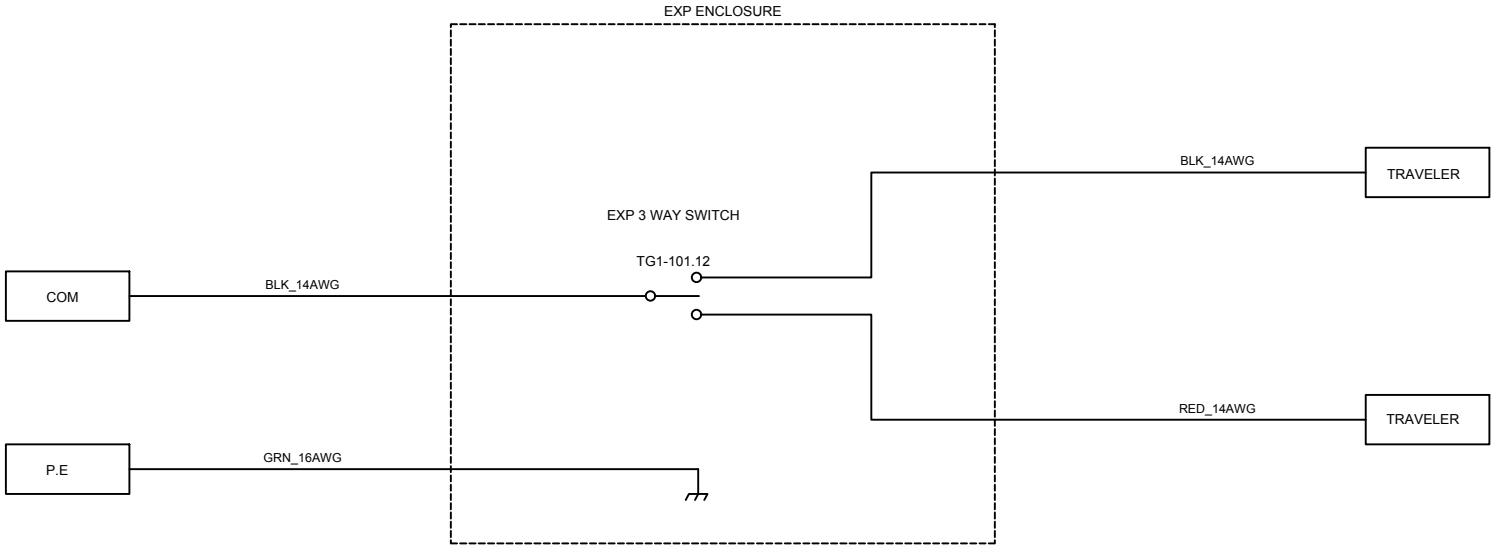
1/2" NPT tapped conduit openings are provided on the top and bottom of the unit in feed through versions while dead end versions have a single conduit hub, providing easy and secure connection to main power line supplies.

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

REV	DESCRIPTION	DATE
A	PRODUCTION RELEASE	8-7-2020

EPS-25A-3W-XX-XX

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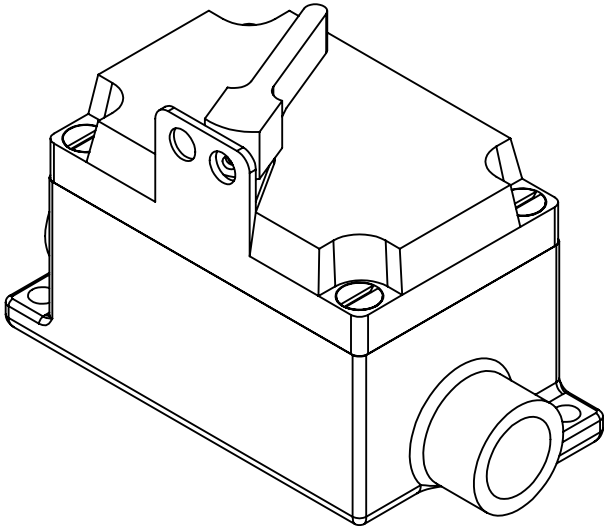
TAGS	QTY	CATALOG	DESCRIPTION
TG1-101.12	1	UNV00002406	EXPLOSION PROOF 3 WAY SWITCH - 20A

LARSON ELECTRONICS

9419 E US HWY 175,
KEMP, TX 75143

TITLE: EPS-25A-3W-XX-XX

DRAWN BY	DATE	REV
P.CRYER	08-07-2020	A
CHECKED BY	SHEET #	DRAWING #
K.NGUYEN	1 OF 1	101



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TITLE:

EPS-25A-3W

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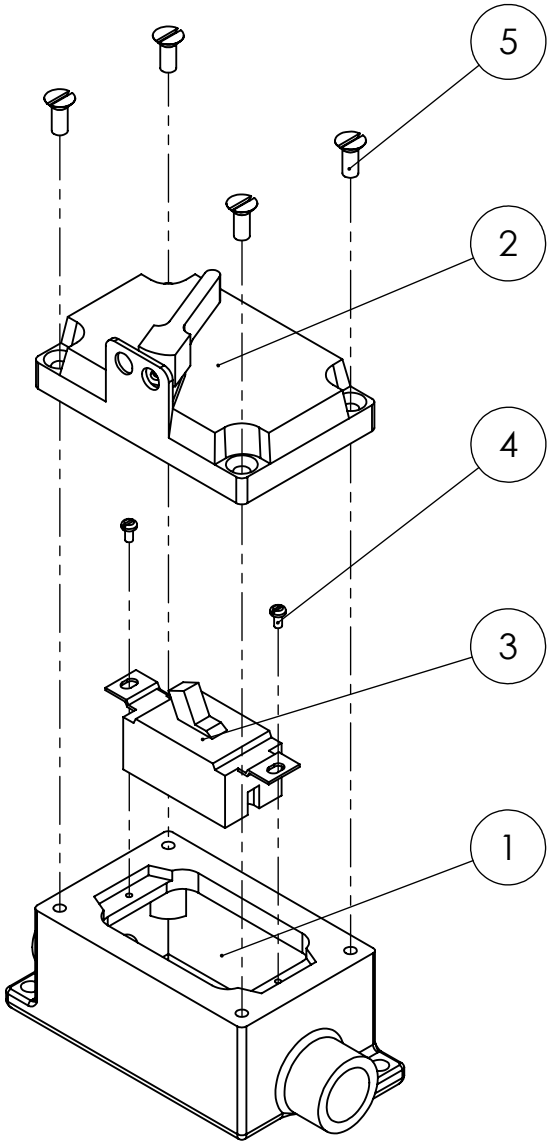
UNLESS OTHERWISE NOTED:
ANGLE: +/- .5
.X +/- .02
.XX +/- .01
.XXX +/- .005

DIMENSIONS ARE IN INCHES				NAME
Quantity	1		DRAWN	Luis Martinez
MATERIAL			CHECKED	N/A
DO NOT SCALE DRAWING			DATE	03/23/2017

SIZE	DWG. NO.	REV
A		00

SCALE: NTS

5 4 3 2 1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	EPS-25A-BASE BODY	Base body for the EPS-25A Assembly	1
2	EPS-25A-COVER	Cover with handle that moves switch	1
3	Switch	Electrical switch, on/off function	1
4	FS-PHS-5-40-L.025	Pan Head slotted #5-40 screw, .25 length	2
5	FS-CSSD0.25-20-L0.625	1/4-20x5/8 Countersunk screw, Slotted Drive	4

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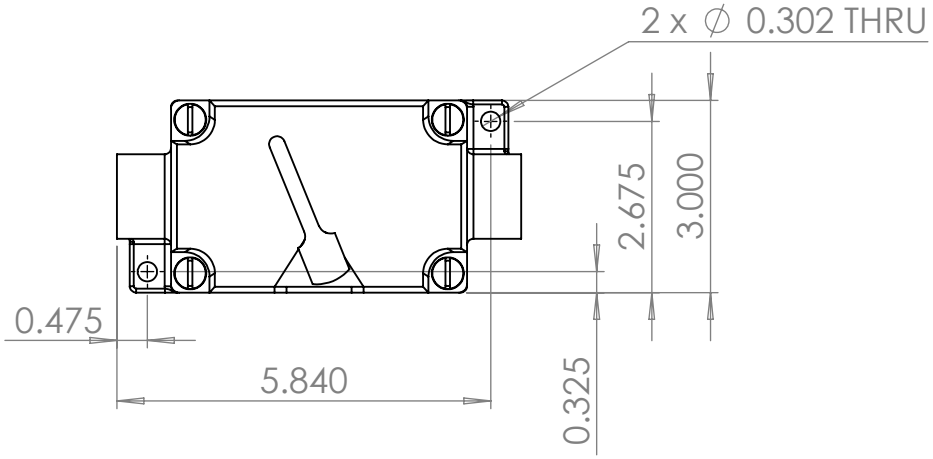
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MATERIAL			CHECKED	N/A
DO NOT SCALE DRAWING			DATE	03/23/2017

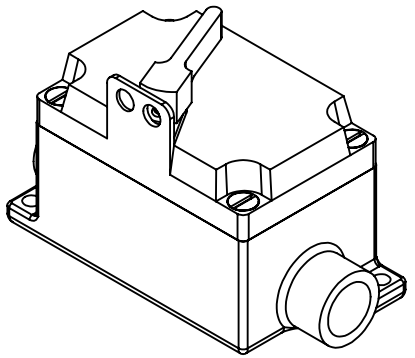
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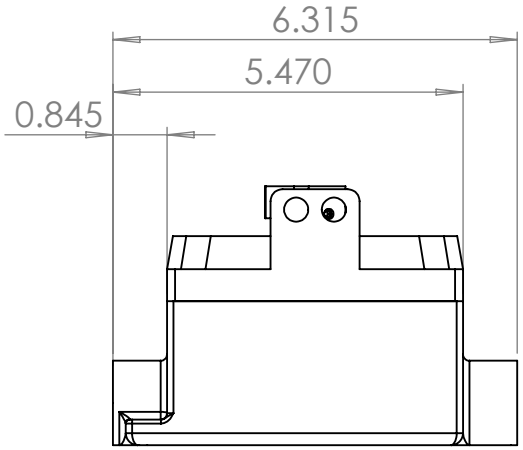
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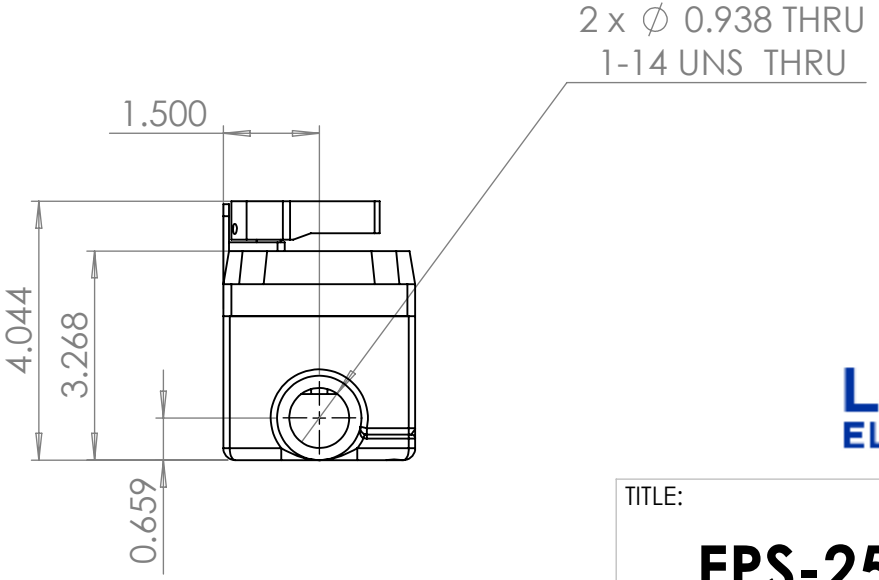
SCALE: NTS | SHEET 2 OF 3

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Frequently Asked Questions (FAQ)

There are no Faqs