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

EPS-30A-DPST-1IN

Explosion Proof DPST Starter Switch - Class I, Div. 1 & 2 - Class II, Div. 1 & 2 - 30 Amp Rated

Product ID: 242235

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



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-30A-DPST-1IN Explosion Proof Starter Switch

Switch Voltage Rating: 120-277 VAC
Switch Current Rating: 30 Amps- 3 HP @120 Vac & 7.5 HP @ 240 Vac
Grounding: Single Internal Housing Ground Screw
Configuration: Front Switch
Hub: 1" NPT
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
Switch Type: 3-pole Switch

Certifications - Compliance

Class 1 Division 1 & 2 Groups C, D
Class 2 Division 1 & 2 Groups E, F, G
Class 3
NEMA 3R, 7- C, D, 9- E, F, G

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The Larson Electronics EPS-30A-DPST-1IN Explosion Proof Feed Starter Switch is Class 1 Division 1 & 2 and Class 2 Division 1 & 2 and provides a safe and secure method for operators to use with contactors and magnetic starters to provide circuit selection and control for motors and equipment in hazardous locations.
This explosion proof starter switch is ideal for operators seeking a high quality

explosion proof starter switch rated for use in hazardous areas designated Class 1 Division 1 and Class 2 Division 1. This explosion proof switch is rated at 30 amps, 3 HP at 120 VAC, and 7.5 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 a 1" hub openings located on the top 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 30 amps and is suitable for use in environments where combustible dusts and particulates may be present.
The EPS-30A-DPST-1IN explosion proof starter 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. This design does not require external sealing fittings. The entire unit is triple coated with zinc electroplate, chromate, and a final epoxy powder coat for maximum durability and corrosion resistance. Each 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 surfaces. The unit box, switch, and face plate are all included with the product.
A 1" NPT tapped conduit opening is provided on the top of the unit, 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.

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

Frequently Asked Questions (FAQ)

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



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



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




LARSON
ELECTRONICS

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

EPS-30A-DPST-1IN

Product ID: 242235

Export Control Classification Number (ECCN): EAR99

Options:

EPS-30A-DPST-1IN-Termination-Poles

Example: EPS-30A-DPST-1IN-DE-1P

Termination	
DEAD END	-DE
FEED THRU	-FT

Poles	
SINGLE POLE	-1P
2-POLE	-2P
3-POLE	-3P
3-WAY	-3WAY

Links (Click on the below items to view):

- Dimensional Drawing 2D
- Operations Manual
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map