

EPO-20A

20A Explosion Proof Outlet - Class I, II, II - 2P3W - Straight Blade/Delayed Action - NEMA

Product ID: 46940

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



Image: EPO-20A

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.

EPO-20A Explosion Proof Outlet - Delayed Action/Straight Blade

Listing: NRTL Listed for United States and Canada

Dimensions: 8"-L x 4"-W x 6"-H

Weight: 5 Lbs

Voltage: 125V or 250V

Amps: 20A

Poles: 2P

Wires: 3W

Protection: Spring-loaded Cover

Materials: Copper Free Aluminum

Finish: Electrostatically Applied Baked Powder Epoxy/polyester

Mount: (4) 1/4" Mounting Holes

Configuration: Feed Thru or Dead End

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

Ratings

Class I, Divisions 1&2, Groups C,D

Class I, Zones 1&2 Groups IIB+H2,IIA

Class II, Divisions 1&2 Groups F,G

Class III

NEMA 3,7(C,D),9(F,G)

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

The Larson Electronics EPO-20A Explosion Proof Outlet is designed for power connections in combustible facilities and hazardous locations. This receptacle is rated at 20 amps and operates with 125V AC or 250V AC. Constructed of copper-free aluminum with an electrostatically applied baked powder epoxy/polyester finish, the NEMA rated outlet is protected by a heavy-duty cover.

The EPO-20A ensures secure electrical connections in Class I, II and III rated combustible locations. This 20-amp receptacle is offered in 125V AC or 250V AC. Equipped with a 2-pole, 3-wire configuration, the unit features a spring-loaded cover for protection. The straight blade outlet is constructed of copper-free aluminum with an electrostatically applied baked powder epoxy/polyester finish. This power accessory is NEMA rated.

This outlet is a mate for the Larson Electronics [EPP-15A](#) and [EPP-20-A](#) explosion proof plugs and is compatible with all the Larson Electronics explosion proof lights we make with an explosion proof plug.

Hubs: The delayed action unit is available in a feed through or dead end configuration. The feed through option includes two, 1/2" NPT or 3/4" NPT hubs on both ends of the receptacle and allows the source to power the receptacle while wired through the unit. The dead end option terminates the current at the receptacle and comes with one, 1/2" NPT or 3/4" NPT hub.

Mounting: The explosion proof receptacle features four, 1/4" mounting holes at every corner of the unit for permanent mounting installations.

Inter-Compatibility: These units are compatible with Crouse Hind™ plugs under catalog number ""ENP5151" and Hubble-Killark Acceptor® plugs under catalog number "UGP-20231, UGP-20232". Due to possible manufacturer changes we cannot guarantee interchangeability although we have made every effort to ensure cross compatibility correctness.

Applications: Industrial facilities, manufacturing plants, inspections, chemical processing facilities, confined spaces, mining operations, detailed tasks, warehouses, hallways, construction sites and other hazardous locations applicable to this unit.

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.



Frequently Asked Questions (FAQ)

There are no Fags



Image: EPO-20A



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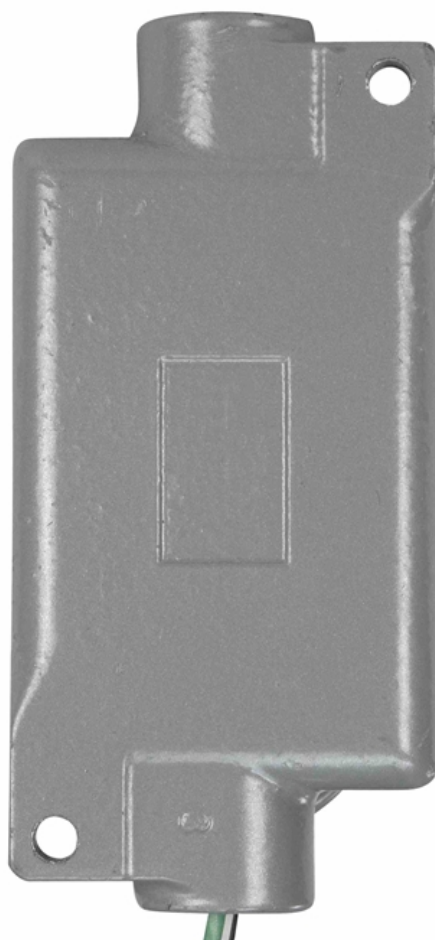


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Export Control Classification Number (ECCN): EAR99

Options:

EPO-20A-Termination-Hub Config-Voltage

Example: EPO-20A-DE-1.2-125V

Termination	
DEAD END	-DE
FEED THRU	-FT

Hub Config	
1/2 INCH	-1.2
3/4 INCH	-3.4
1 INCH	-1

Voltage	
125V AC	-125V
250V AC	-250V

Links (Click on the below items to view):

- **Operations Manual**(<https://www.larsonelectronics.com/images/product/Manual/46940.PDF>)
- **STEP File (3D CAD Model)**(<https://www.larsonelectronics.com/images/product/Step/46940.ZIP>)
- **Wiring Diagram**(<https://www.larsonelectronics.com/images/product/WiringDiagram/46940.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/46940.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/46940.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/46940.JPG>)
- **HigResPic4**(<https://www.larsonelectronics.com/images/product/HigResPic4/46940.JPG>)
- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/46940.JPG>)
- **HigResPic6**(<https://www.larsonelectronics.com/images/product/HigResPic6/46940.JPG>)
- **HigResPic7**(<https://www.larsonelectronics.com/images/product/HigResPic7/46940.JPG>)
- **HigResPic8**(<https://www.larsonelectronics.com/images/product/HigResPic8/46940.JPG>)
- **HigResPic9**(<https://www.larsonelectronics.com/images/product/HigResPic9/46940.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=LCY0u15ez4s>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)