

EPO-20A-SP0000

Explosion Proof Outlet - 20 Amp Rated - NO Device Box Included

Product ID: 151251

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.

EPO-20A-SP0000 Explosion Proof Power Outlet

Unit Dimensions: 3"-W X 5.69"-D X 6.13"-H

Receptacle Current Rating: 20 Amp

Configuration: 3 Pole 2 Wire

Number of Poles: 3

Insulating Blocks: Fiber Glass Reinforced Polyester

Mating Plugs: ****[EPP-15A](#), [EPP-20-A](#)****

Grounding: Housing only

Unit Materials: Box- Iron /Receptacle- Copper Free Aluminum (4/10 of 1% max.)

Finish: Box-Triple Coat / Receptacle-Epoxy Powder Coat

Certifications - Compliance

NRTL Certified to Clas.-Standard: No.-
22.2,25,C22.2,30,C22.2,42,C22,159

NRTL Certified to U.L Listed.- E10784, E81751

CSA Standard: C22.2 No. 182.1

CSA Certified: 065179

NEMA 3, 3R, 7CD, 9FG

Class I, Division 1&2 Groups C, D

Class II, Division 1&2 Groups F, G

Class III

Special Orders - Special Requirements

Contact us for special requirements

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E-mail: sales@larsonelectronics.com

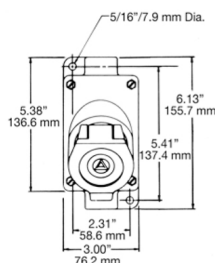
*Suitable for use in Class I, Division 1, Group B
when used with external seals.

The Larson Electronics EPO-20A-SP0000 explosion proof power outlet provides durable and secure weatherproof power connection for portable

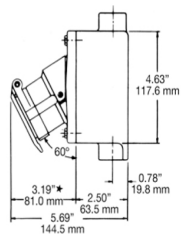
or stationary electrical devices and equipment in locations where equipment is susceptible to wet and corrosive environments. Choose 125V 1 HP or 250V 2HP.

This 20 amp rated power receptacle is ideal for operators seeking a high quality, wet area rated power receptacle suitable for use in industrial and manufacturing applications. This unit's power receptacle is constructed of copper free aluminum and the housing is malleable iron. The unit is factory sealed and any arcing is safely contained with the interior of the receptacle. The receptacle contacts are deep recessed to avoid accidental contact and will not be energized by non explosion proof plugs to preserve explosion proof protection in hazardous environments. Ordinary location plugs will NOT activate this explosion proof receptacle.

The iron housing is finished in a triple-coat zinc electroplate, chromate and epoxy powder coat while the receptacle is finished with an epoxy powder coat. This unit is designed to withstand wet and corrosive conditions such as those found in docks and shipyards and comes with a spring loaded receptacle door to prevent ingress of water and contaminants when the unit is not in use.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)

The EPO-20A-SP0000 power receptacle is constructed of non sparking aluminum and finished with an epoxy powder coating while the housing is constructed of triple coated malleable iron for durability and added corrosion resistance. The internal receptacle plug contacts are constructed of brass and designed to maintain constant pressure along their entire length for superior connectivity. The plug receptacle is deeply recessed to prevent accidental contacts and designed for twist lock plug insertion to provide secure connections. A neoprene seal fitted inside the connector receptacle seals against the plug when inserted to provide positive sealing against water ingress. A spring loaded receptacle door provides an automatic weather-tight seal when the plug is removed. In standard installations within the hazardous location area, threaded rigid pipe is brought to the outlet and the outlet is affixed to a mounting surface.

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.

Circuit breaking protection: This unit's receptacle is designed to safely contain any arcs between the internal contacts that may be created within the receptacle housing.

Inter-Compatibility: These units are compatible with Crouse Hind™ plugs under catalogue number ""**ENP5151**"" and Hubble-Killark Acceptor® plugs under catalogue 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.

Suggested Applications: Areas Where Ignitable Vapors Or Gases May Be Present, Manufacturing, Industrial, Commercial, Docks, Shipyards, Shipping Ports and other similar ship to shore applications as well as any application requiring a wet area suitable and highly durable source of secure power connection.

Features

1. Specially designed receptacle contains arcs within the unit.
2. Spring loaded door seals receptacle when not in use.
3. Brass contacts provide constant pressure and superior conductivity.
4. Accepts non explosion proof plugs that are NEMA 5-20R, or 6-20R compatible.
5. Neoprene seal compressed by plug prevents water ingress into receptacle when in use.

6. Rated to handle loads up to 20 Amps.
7. Receptacle Epoxy powder coat finish for durability. Housing Triple coated for durability/corrosion resistance.
8. Compatible with Crouse Hind™ "ENP5151" and Hubble-Killark Acceptor™ "UGP-20231,UGP-20232 " plugs.
9. Corrosion resistant and suitable for use in wet locations.



Frequently Asked Questions (FAQ)









EPO-20A-SP0000

Product ID: 151251

Export Control Classification Number (ECCN): EAR99

Options:

EPO-20A-SP0000-Voltage

Example: EPO-20A-SP0000-125V

Voltage	
125VAC	-125V
250VAC	-250V

Links (Click on the below items to view):

- [Operations Manual](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)