

## Class 1 Div 1 and Class 2 Div 1 - 2 Gang Outlet Box - Double Gang EPO-2G-2X20A

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



### EPO-2G-2X20A Explosion Proof Power Outlet

**Unit Dimensions:** 6.19"-W X 5.69"-D X 6.13"-H

**Receptacle Current Rating:** 2X20 Amp

**Configuration:** 3 Pole 2 Wire

**Outlet Configuration:** 5-15, 5-20, or 6-20 Straight Blade

**Number of Poles:** 3

**Conduit Openings:** 1/2" oe 3/4"

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

**Grounding:** Housing

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

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

**Insulating Blocks:** Fiber Glass Reinforced Polyester

### Certifications - Compliance

U.L.-Standard: No.-22.2,25,C22.2,30,C22.2,42,C22,159

U.L Listed.- E10784, E81751

CSA Standard: C22.2 No. 182.1

CSA Certified: 065179

NEMA 3, 3R, 7CD, 9FG

Class 1, Division 1 Groups C, D

Class 1, Division 2 Groups C, D

Class 2 Division 1 & 2 Groups F, G; Class 3

### Special Orders- Requirements

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-214-616-6180

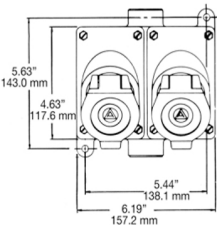
**Fax:** 1-903-498-3364

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**The Larson Electronics EPO-2G-2X20A explosion proof 2 gang power outlet provides durable and secure, weatherproof, multiple power connections for portable or stationary electrical devices and equipment in locations where equipment is susceptible to wet and corrosive environments.**

This 2 gang 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 receptacles are constructed of copper free aluminum and the housings are malleable iron. The unit is factory sealed and any arcing is safely contained with the interior of the receptacles. The receptacle contacts are deep recessed to avoid accidental contact and will accept standard non explosion proof plugs that are NEMA 5-20R, or 6-20R compatible although explosion proof plugs must be used to preserve explosion proof approval in hazardous environments. Ordinary location plugs will NOT activate these explosion proof receptacles. The iron housings are finished in a triple-coat zinc electroplate, chromate and epoxy powder coat while the receptacles are 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 spring

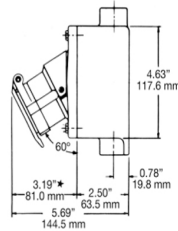
loaded receptacle doors to prevent ingress of water and contaminants when the unit is not in use.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



\* Malleable iron receptacle: 3.38\"/85.6 mm

[Click Photo to Enlarge](#)

The EPO-2G-2X20A 2 gang 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 receptacles are deeply recessed to prevent accidental contacts and designed for twist lock plug insertion to provide secure connections. A neoprene seal fitted inside the connector receptacles seals against the plug when inserted to provide positive sealing against water ingress. Spring loaded receptacle doors provide 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 2 gang 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.

**Options:** This unit is available in a feed through or dead end options. The feed through option includes a 1/2" hub on either end of the receptacle and allows the source to power the receptacles while wired through the unit. The dead end option terminates the current at the receptacles. Please choose your option below.

**Circuit breaking protection:** This unit`s receptacles are 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" and "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 receptacles contain arcs within the unit.
2. Spring loaded doors seals receptacles 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. Each receptacle rated to handle loads up to 20 Amps.
7. Receptacles Epoxy powder coat finish for durability. Housing Triple coated for

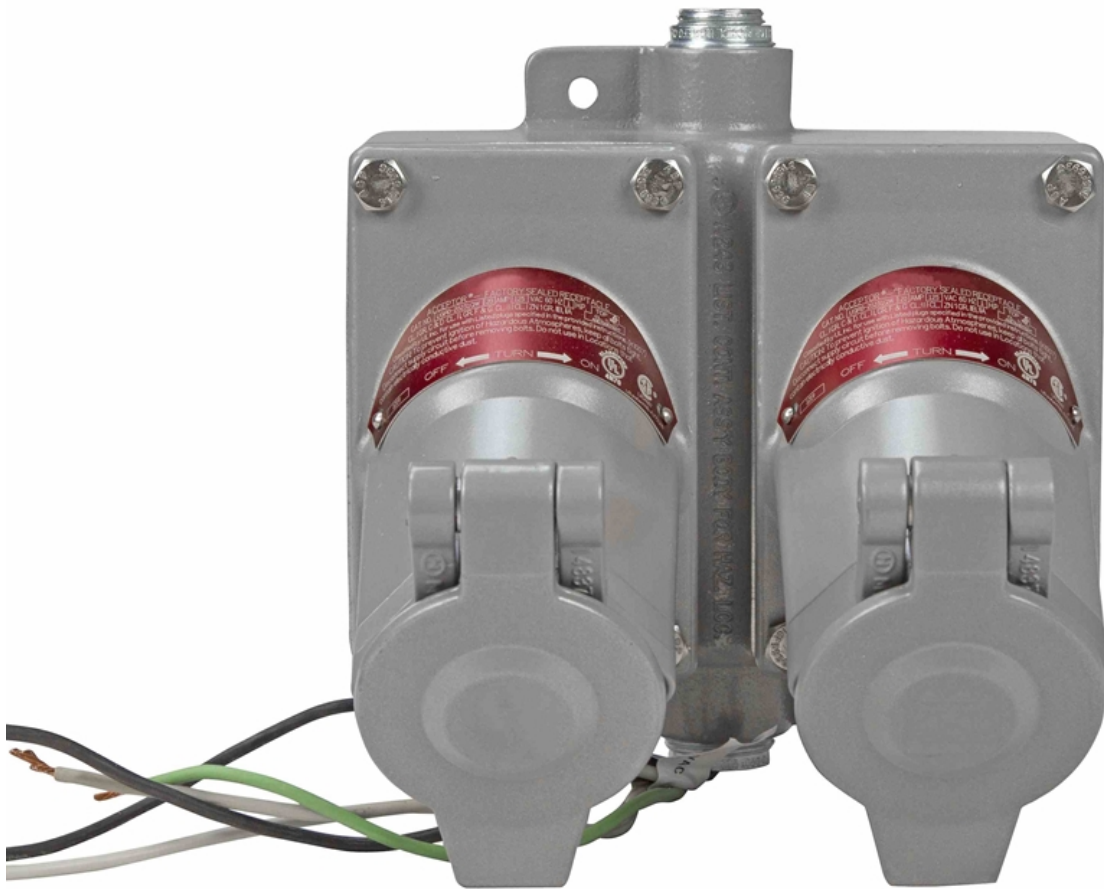
durability/corrosion resistance.

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.

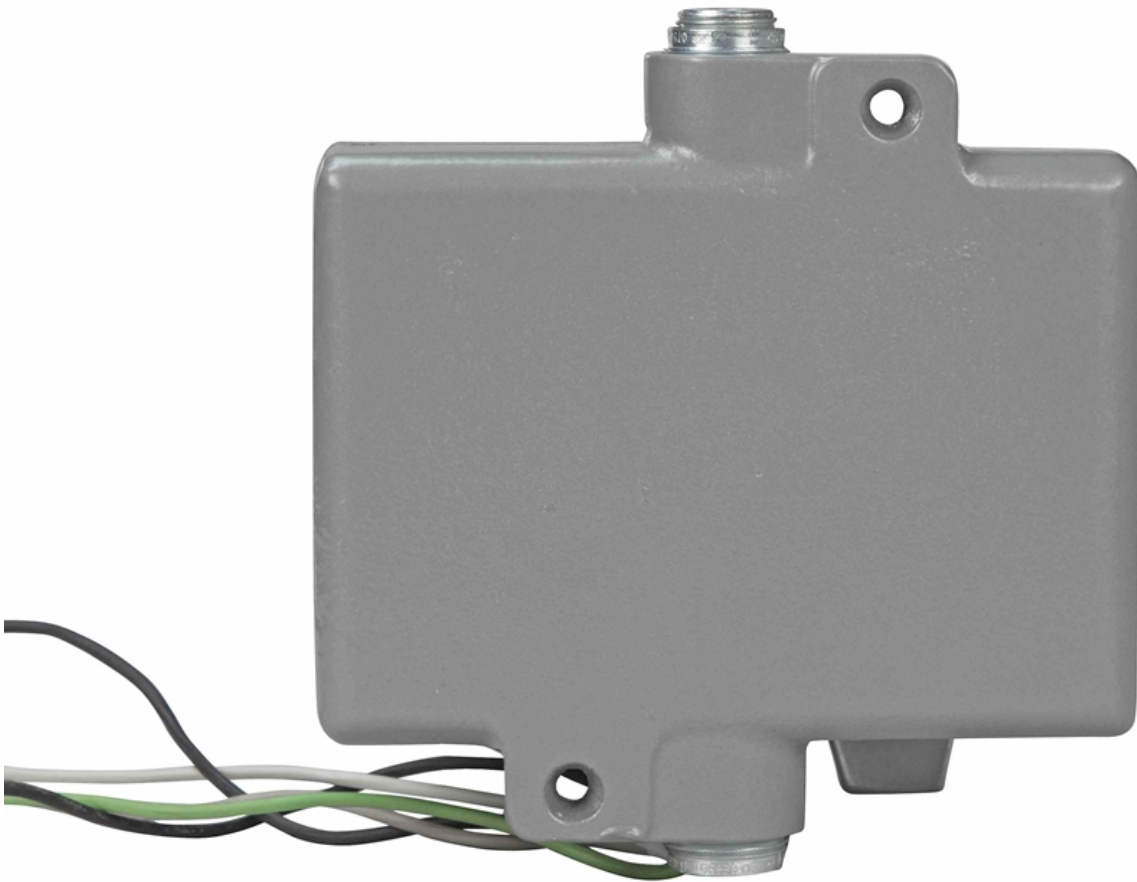


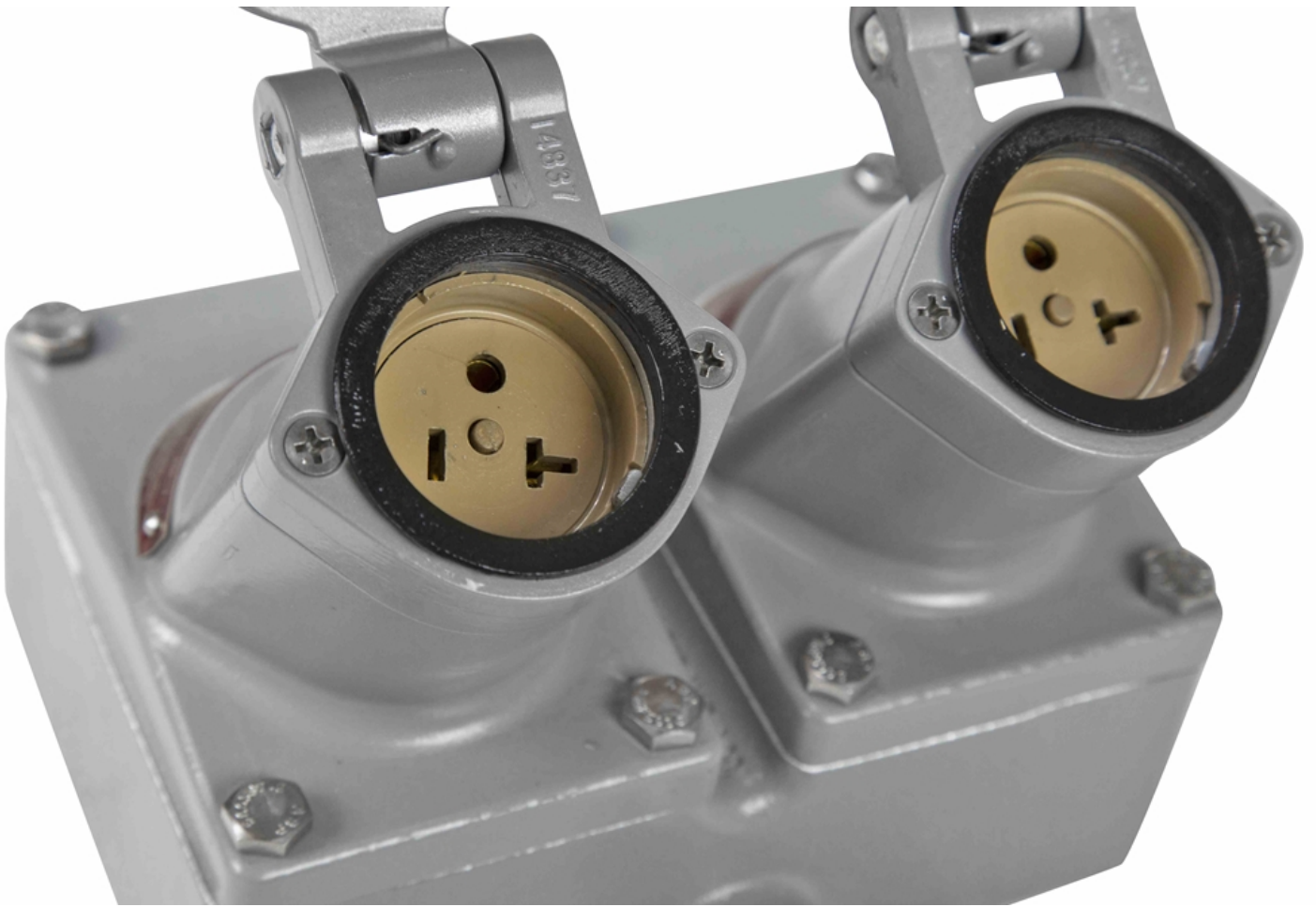
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## Frequently Asked Questions (FAQ)











**Options:**

**EPO-2G-2X20A-Termination-Voltage-Hub Config**

**Example: EPO-2G-2X20A-FT-125VAC-0.5IN**

| Termination  |     |
|--------------|-----|
| FEED THROUGH | -FT |
| DEAD END     | -DE |

| Voltage |         |
|---------|---------|
| 125 VAC | -125VAC |
| 250VAC  | -250VAC |

| Hub Config |         |
|------------|---------|
| 1/2IN      | -0.5IN  |
| 3/4IN      | -0.75IN |
| 1IN        | -1IN    |

Links (Click on the below items to view):

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