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EPO-250-2P-20A

Explosion Proof Receptacle - 250 Volt 20 Amp Rated - 2 Pole 1 Ground Pin and Sleeve Configuration

Product ID: 50945

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-250-2P-20A Power Outlet
Unit Dimensions: 6.72"H x 3.5"W x 8"D
Receptacle Current Rating: 20 Amps
Configuration: 2-Pole 3-Wire Pin and Sleeve
Number of Poles: 2
Conduit Openings: 1/2" or 3/4"
Mating Plugs: EPP-250-2P-20A
Grounding: Through Conduit System
Unit Materials: Back Box - Iron Alloy, Receptacle - Copper-free Die Cast Aluminum
Finish: Back Box - Electrogalvanized and Aluminum Lacquer, Receptacle - Aluminum Acrylic Paint
Insulating Blocks: Fiberglass Reinforced Polyester

Ratings
Class I Divisions 1 & 2 Groups C & D
UL Standard: 1203
CSA Standard: C22.2 No. 30
Explosion Proof
Wet Area Approved

Special Orders - Special Requirements
Contact us for special requirements

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The Larson Electronics™ EPO-250-2P-20A 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. This Class I Divisions 1 & 2 Groups C & D outlet is made from durable die cast copper-free aluminum.
This 20 amp rated explosion proof 2 pole 3 wire pin and sleeve 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 die cast aluminum and the housing is iron alloy. 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.
This EPO-250-2P-20A power outlet features a top-hinged cover design. The 45° downward facing receptacle housing provides optimal protection from dust, ice, snow, water and other environmental factors. Factory sealed receptacles simplifies the wiring and installation process by removing the need for external seals. The receptacles prevent complete withdrawal of the plug because they are equipped with an innovative rotating mechanism. A delayed action feature allows the plug to be used as a push-pull switch in case of emergency. Each unit is insulated with fiberglass-reinforced polyester.

Options: This unit is available in both a dead end or feed through option. Each single gang receptacle assembly is available in either a 1/2" or 3/4" hub.

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. Factory sealed to simplify installation.
2. Rotating mechanism prevents plug from being removed in one continuous motion.
3. Environmental protection from 45° downward facing receptacle housing.
4. Available in both feed through and dead end options.
5. Available in both 1/2" and 3/4" hubs.
6. 2-pole 3-wire configuration.
7. Rated to handle loads up to 20 Amps.
8. Iron alloy back boxes.
9. Corrosion resistant and suitable for use in wet locations.

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Frequently Asked Questions (FAQ)

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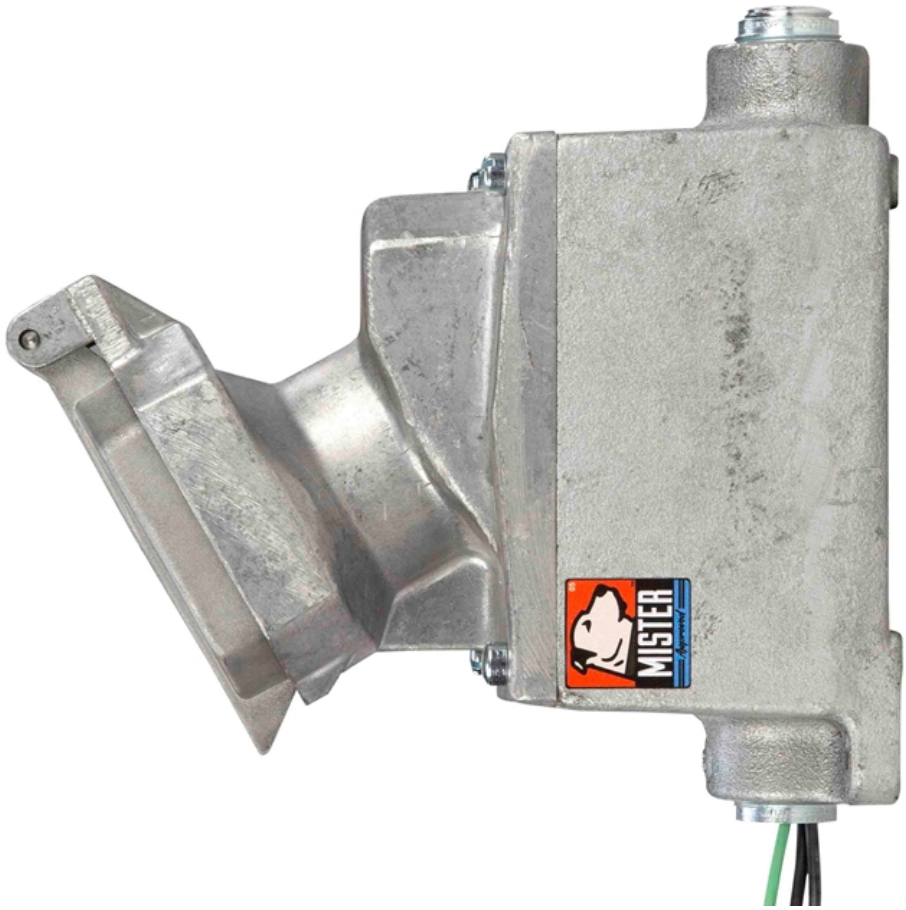
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MISTER



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EPO-250-2P-20A

Product ID: 50945

Export Control Classification Number (ECCN): EAR99

Options:

EPO-250-2P-20A-Hub Config-Termination

Example: EPO-250-2P-20A-12-DE

Hub Config	
1/2 INCH	-12
3/4 INCH	-34
1 INCH	-1

Termination	
DEAD END	-DE
FEED THRU	-FT

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **HigResPic6**
- **HigResPic7**
- **HigResPic8**
- **HigResPic9**
- **HigResPic10**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**