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EPO-600V-3W3P-20A-ICB

Explosion Proof Power Receptacle - Class I, II, III - 20A, 3P3W - Mechanically Interlocked

Product ID: 338165



Image: EPO-600V-3W3P-20A-ICB

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-600V-3W3P-20A-ICB Explosion Proof Receptacle
Listing: NRTL Listed for United States, Canada
Dimensions:5.75"-W X 9.75"-D X 10.5"-H
Weight: -
Breaker Voltage Rating: 600V
Current Rating: 20 Amps
HP: 2HP @ 120V 1PH, 3HP @ 120V 3PH, 5HP @ 240V 1PH, 7.5HP @ 240V 3PH
Configuration: 3 Pole, 3 Wire
Grounding: Extra Pole and Housing
Materials: Copper Free Aluminum
Finish: Epoxy Powder Coat
Insulating Blocks: Fiber Glass Reinforced Polyester
Mount: Wall
Hub Configuration: Feed Thru or Dead End
Hub Size: 1" NPT

Ratings
Class I, Divisions 1 & 2 Group B, C, D
Class II, Divisions 1 & 2 Group F, G
Class III
Class 1, Zones 1 & 2 IIB+H2, IIA
NEMA 3, 4, 4X 7(B,C,D), 9(F,G), 12

Special Orders - Special Requirements
Contact us for special requirements
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The Larson Electronics EPO-600V-3W3P-20A-ICB explosion proof power receptacle with built in circuit breaker is approved for Class I, Division 1 & 2, Class II, Division 1 & 2 and Class III sites and provides a safe and secure power connection for portable or stationary electrical devices and equipment in hazardous locations. This 3-pole, 3-wire unit is constructed of copper-free aluminum.

This explosion proof power receptacle with integrated circuit breaker is ideal for operators

seeking a high quality explosion proof power outlet receptacle rated for use in hazardous areas. This 3-pole, 3-wire unit is constructed of copper-free aluminum and contains an integral circuit breaker which provides short circuit and thermal overload protection as well as manually operable protection during connection and disconnection of electrical cables. This unit is easily wall mounted via two screw slot tabs at the side of the housing and contains a feed-thru or dead-end configuration with 1" NPT hub size.

A neoprene bushing receptacle seal prevents the entry of water when a cable is connected and a spring loaded receptacle door prevents the entry of dust when the unit is not in use. This unit is rated to handle electrical loads up to 20 amps and is suitable for use in environments where combustible dusts and particulates may be present.

The EPO-600V-3W3P-20A-ICB explosion proof power receptacle and housing unit is constructed of corrosion resistant, non sparking aluminum and finished with an epoxy powder coating. The internal receptacle plug contacts are deeply recessed to protect against accidental touching and are spring loaded and constructed of brass for superior connectivity.

Integral circuit protection: This unit contains an interlocked disconnect switch and circuit breaker to allow safe, 20 Amp at 600V AC max, connect and disconnect operation. This circuit breaker also gives protection against short circuits and provides added thermal time delay overload protection. The plug and receptacle contacts cannot be made or broken under load. When the plug is inserted, the plug and receptacle contacts engage before the switch closes. When the plug is withdrawn, the switch opens before the plug and receptacle contacts disengage. This provides the maximum safety of a dead front receptacle. Arcing is isolated in a flame and dust-tight chamber. No special interlock device or manual switch, operators simply pull the plug straight out.

Suggested Applications: Manufacturing, Industrial, Warehouse, Lighting, Lighting, Wet areas or Locations Where Combustible Dust is Present.

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.

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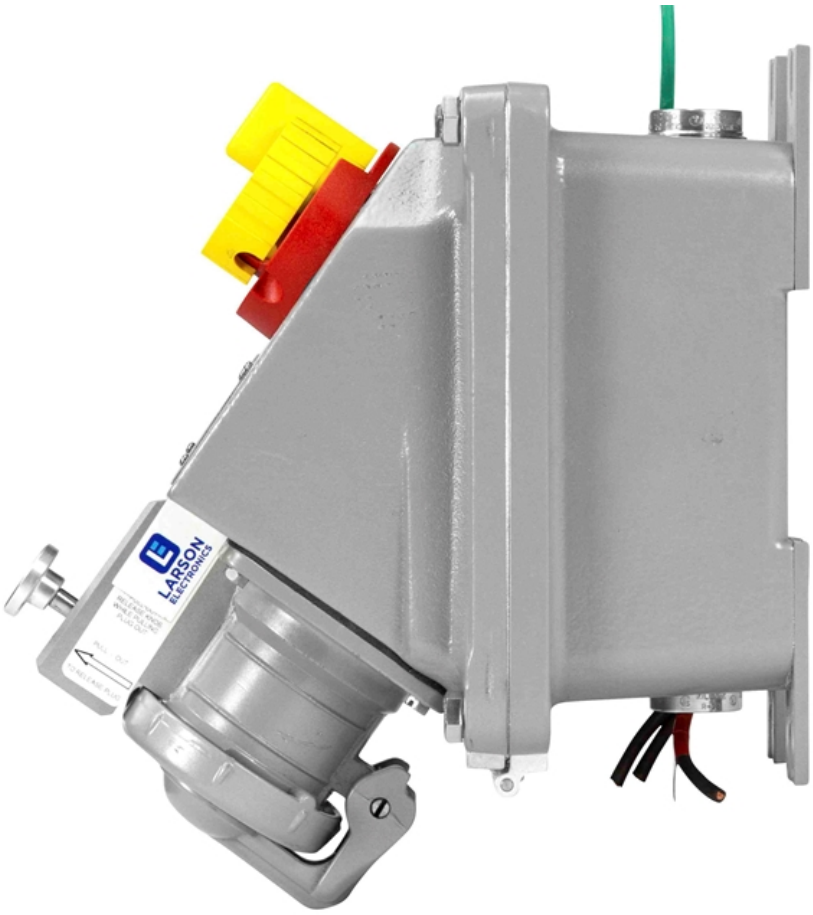
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Frequently Asked Questions (FAQ)

There are no Faqs