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EPPO-ICB-220.240V-3W3P-16A-FT

Explosion Protected Plug and Receptacle - 16A, 220/240V AC - 3-Wire, 3-Pole (2P+E) - IP66

Product ID: 338881

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



Image: EPPO-ICB-220.240V-3W3P-16A-FT

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.

EPPO-ICB-220.240V-3W3P-16A-FT Explosion Proof Receptacle and Plug

Receptacle Specs:

Listing: NRTL Listed for United States, Canada
Dimensions: 10 1/2" x 9 3/4" x 5 3/4"
Weight: -
Voltage Rating: 220-240V AC
Current Rating: 16 Amps
Frequency: 50/60 Hz
Configuration: 3-Pole (3P)
Protection Type: Ex de IIC
Temperature Class: T6
Materials: Glass Reinforced Polyester / Impact Resistant Thermoplastic
Mount: Wall Mount
Contact Type: Plug-In Receptacle
Color Coding: Blue
Mechanical Interlock: Yes
Switching Capacity: Load Break Switching

Ratings

ATEX Certified
IECEx Certified
PTB 99 ATEX 1039
IECEx BKI 04.0002
Ex II 2G Ex de IIC T6
Ex II 2D Ex tD A21 T80°C

Plug Specs:

Listing: NRTL Listed for United States, Canada
Dimensions: 6 11/16" x 3"

Weight: -
Voltage Rating: 220-240V AC
Current Rating: 16 Amps
Configuration: 3-Pole (3P)
Materials: Glass Reinforced Polyester / Impact Resistant Thermoplastic
Finish: Electrostatically Applied Polyester/Epoxy
Cable Entry: Metric Threaded Entry
Wiring: Regular Stranding #10 Maximum
Contact Type: Pin and Sleeve
Color Coding: Blue

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 EPPO-ICB-220.240V-3W3P-16A-FT Explosion Protected Plug and Receptacle provides a safe and reliable power connection for portable and stationary electrical equipment in hazardous locations. This 3-pole unit is rated for 220/240V AC operation at 16 amps and is designed for use in demanding industrial environments where explosive gases or vapors may be present.

The explosion-protected receptacle features a durable, corrosion-resistant housing and is suitable for harsh operating conditions. Rated for 220/240V AC and 16 amps, the receptacle incorporates a secure locking mechanism to prevent accidental disconnection during operation. The unit is designed for wall-mounted installation and provides dependable power distribution in hazardous-area applications.

The explosion-protected plug is engineered for compatibility with the matching receptacle and features rugged construction for long service life in industrial facilities. The plug utilizes a pin-and-sleeve contact arrangement and provides secure engagement with the receptacle to maintain reliable electrical continuity during operation. When connected and properly secured, the assembly offers a high level of protection against dust and water ingress.

This plug and receptacle assembly is certified for hazardous-area use and is suitable for applications requiring explosion-protected electrical connections. The device is commonly used in oil and gas facilities, chemical processing plants, refineries, marine environments, wastewater treatment facilities, and other industrial locations where safety and reliability are critical.

Suggested Applications: Oil & Gas Facilities, Chemical Processing Plants, Refineries, Petrochemical Facilities, Offshore Platforms, Marine Operations, Wastewater Treatment Plants, Manufacturing Facilities, Industrial Power Distribution, and Hazardous Location Electrical Installations.

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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Frequently Asked Questions (FAQ)

There are no Faqs

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Product ID: 338881

Export Control Classification Number (ECCN): EAR99

Options:

EPPO-ICB-220.240V-3W3P-16A-FT-Termination
Example: EPPO-ICB-220.240V-3W3P-16A-FT-FT

Termination	
FEED-THRU	-FT
DEAD END	-DE

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Links (Click on the below items to view):

- **HigResPic1** (https://www.larsonelectronics.com/images/product/HigResPic1/338881.JPG)
- **HigResPic2** (https://www.larsonelectronics.com/images/product/HigResPic2/338881.JPG)
- **HigResPic3** (https://www.larsonelectronics.com/images/product/HigResPic3/338881.JPG)
- **Video1** (https://www.youtube.com/watch?v=IsuFe3SaFP4)
- **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)