

Explosion Proof Receptacle Assembly - C1D1/C2D1 - Internal Circuit Breaker, GFCI - 3W4P, 30A EPO-ICB-3W4P-30A-GFCI

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



EPO-ICB-3W4P-30A-GFCI Explosion Proof Receptacle

Breaker Voltage Rating: 600Y, 347V AC, 500V DC

Breaker Current Rating: 30A, 1500A Magnetic Trip

Receptacle Current Rating: 30A

Configuration: 3W4P

Number of Breaker Poles: 3

Protection: Internal Circuit Breaker, GFCI

Unit Materials: Copper-free Aluminum w/ 316 SS Hardware

Finish: Electrostatically Applied Polyester/epoxy

Mount: Surface

Hubs: (2) 1/2" NPT - Top and Bottom, (1) 1.5" NPT - Bottom

Dimensions: 19.75" x 12.25" x 8.875"

Weight: -

Certifications - Compliance

Class I, Div 1 & 2 Group B, C, D

Class II, Div 1 & 2 Group F, G

Class III

Class 1, Zones 1 & 2, IIB+H2, IIA

NEMA 3, 4, 4X 7BCD, 9FG, 12

External Breaker Handle

Special Orders- Requirements

Contact us for special requirements

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The Larson Electronics EPO-ICB-3W4P-30A-GFCI Explosion Proof Receptacle Assembly is approved for Class I, Divisions 1 & 2, Class I, Zones 1 & 2; Class II, Divisions 1 & 2 and Class III locations and provides a safe and secure power connection for portable or stationary electrical devices and equipment in hazardous locations. This 3W4P unit features a 30-amp receptacle current rating and is constructed of copper-free aluminum. The explosion proof assembly is protected by an internal circuit breaker and GFCI.

The EPO-ICB-3W4P-30A-GFCI is ideal for operators seeking a high quality explosion proof power outlet receptacle rated for use in hazardous areas, flammable work sites and confined spaces. This 3-wire, 4-pole unit contains an internal circuit breaker and GFCI, which provides short circuit and thermal overload protection, as well as manual protection during connection and disconnection of electrical cables. This explosion proof receptacle assembly features a breaker current rating of 30 amps and a receptacle current rating of 30 amps.

The EPO-ICB-3W4P-30A-GFCI is constructed of corrosion resistant, copper-free aluminum and finished with an electrostatically applied polyester/epoxy coating. The unit incorporates non-bending wiring connections when opening and closing the cover. Operators can access two 1/2" NPT hubs located at the top and bottom, as well as one 1.5" NPT hub at the bottom of the enclosure. This NEMA-rated

explosion proof receptacle assembly is suitable for Class I, Divisions 1 & 2; Class I, Zones 1 & 2; Class II, Divisions 1 & 2 and Class III flammable work sites.

Internal Circuit Protection: This unit contains an external breaker handle to allow safe, 30-amp 600V AC (max) connections and disconnect operations. This explosion proof receptacle assembly also features an internal circuit breaker, which provides protection against short circuits and robust 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, Motor-Generator Sets, Compressors, 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.



Frequently Asked Questions (FAQ)

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- [ISO 9001 Certification](#)
- [Business Certificate](#)
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