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GPO-30A

30 Amp Power Receptacle - 3 Wire 4 Pole - 125-250 VAC - NEMA 4X

Product ID: 49489



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.

GPO-30A 30 Amp Outlet
Vertical Feed Dimensions: 8.69"H x 5.13"W x 6.75"D
Vertical & Horizontal Feed Dimensions: 8.31"H x 4.69"W x 4.94"D
Configuration: 4 Pole 3 Wire
Grounding: Shell and Extra Wire
Conduit Openings: 3/4"
Sealing: Factory Sealed
Unit Materials: Box - Iron / Receptacle - Copper Free Aluminum
Receptacle Current Rating: 125-250V AC, 30 Amp, 3 HP

Quick Summary:
Powder Coat Finish
30 Amp Rated
Copper Free Aluminum / Malleable Iron

Special Orders- Requirements
Contact us for special requirements
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The GPO-30A from Larson Electronics is a General Purpose Outdoor Power Receptacle that provides a durable and secure power connection for portable or stationary electrical devices and equipment. This 30 amp rated Pin and Sleeve receptacle is ideal for operators seeking a high quality power receptacle suitable for use in industrial and manufacturing applications. This unit is constructed of a copper free aluminum receptacle and cover mated with a malleable iron mounting box. 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 cannot be energized by an ordinary plug. Standard plugs will NOT work with this receptacle.
The iron housing box is finished in a triple-coat zinc electroplate, chromate and epoxy powder coat while the receptacle finish is a ceramic burnishing. This unit is designed to resist wet or dusty conditions with factory seals and a spring loaded receptacle door to prevent ingress of water and dusts when the unit is not in use.

The GPO-30A power receptacle is constructed of non sparking aluminum and finished with an epoxy powder coating while the housing box is constructed of triple coated malleable iron for durability and added corrosion resistance. The internal receptacle plug contacts are constructed of brass with beryllium copper wire springs and are designed to maintain constant pressure along their entire length for superior connectivity. The plug receptacle is deeply recessed to prevent accidental contacts and designed for slide lock plug insertion to ensure positive sealing and secure connections.

A neoprene seal fitted inside the connector receptacle seals against the plug when inserted to provide positive sealing against water ingress. A spring loaded receptacle door provides an automatic weather-tight seal when the plug is removed.

Options: This unit is available in a vertical feed through confgiuration with a hub located on the top and bottom, or a vertical and horizontal feed through configuration with a single hub on top and two located on the sides of the recptacle. The hubs on this unit are 3/4" diameter and threaded to accepted threaded conduit or plugs. Please choose your hub configuration option below when ordering.

Circuit Protection: This unit`s receptacle is designed to safely contain any arcs between the internal contacts that may be created within the receptacle housing. This receptacle is a 3 wire 4 pole design with shell and extra pole grounding. The unit is factory sealed and does not require external seals.

Suggested Applications: Manufacturing, Industrial, Commercial, Docks, Shipyards, Shipping Ports and other similar ship to shore applications as well as any application requiring a weather proof and highly durable source of secure power connection.

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)