Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

IND-ALU-24.46.20-2D-BM-PWDC-N3R

Aluminum Control Cabinet Enclosure – 24" X 46" X 20" – (2) Doors, Base/Pole/Pedestal Mount, NEMA 3R

Product ID: 335155

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.

IND-ALU-24.46.20-2D-BM-PWDC-N3R Industrial Enclosure NEMA 3R

Unit Type: Aluminum Control Cabinet Enclosure
Enclosure Dimensions: 24" x 46" x 20"
Weight: 265 lbs (Without Internal Components)
Door Type: (2) Doors, Full-Size Front & Rear, Lockable
Handle: 3/4" Round Stainless Steel Handle with Padlock Hasp
Materials: 5052-H32 Aluminum, 0.125” Thick
Finish: Natural Aluminum, Anodized, or Powder Coated (ANSI 61 Gray Optional)
Mount: Base / Pole / Pedestal Mount
Hubs: -
Rack Assembly: Removable 19” EIA Rack
Load Switch Capacity: Up to 12 Positions (Configurable)
Input Capacity: Up to 16 Channels (Application Dependent)
Breaker Provision: Main Breaker Mounting (Up to 30A Typical)
Relay Type Compatibility: Solid State Relay (SSR) or Mechanical Relays
Surge Protection: Provision for Transient Voltage Surge Suppression (TVSS)
Control Voltage Support: 24 VDC Control Circuit Provision
Cooling System: Thermostatically Controlled Fan (100 CFM)
Air Intake: Louvered Door Intake with Replaceable Filter
Operating Design: Outdoor Rated, Weather-Resistant Construction
Latching System: 3-Point Latching Mechanism (Corbin / Best Compatible)
Door Stops: 90° and 180° (±10°)
Mounting Hardware: Anchor Bolts (Base Mount), Pole Mount Brackets, Pedestal Mount Hardware
Control Panel Provision: Supports Selector Switch Panels (On/Off, Auto/Manual, etc.)
Input Interface: DC Isolated Inputs for External Devices
Output Interface: Configurable Output Panel Positions
Monitoring Provision: Space for Monitoring Devices / Control Modules
Optional Configurations:
• 14-Position Input Panel
• 12-Position Output Panel
• Power Distribution Assembly
• High-Efficiency Power Supply
• Flash / Transfer Relay Sockets
• Auxiliary Output File

Ratings

NEMA 3R Rated

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664

E-mail: sales@larsonelectronics.com

• Service Panel

The IND-ALU-24.46.20-2D-BM-PWDC-N3R from Larson Electronics is an Aluminum Control Cabinet Enclosure designed for holding and protecting electrical and control equipment in industrial and outdoor environments. Equipped with two full-size cabinet style doors, a NEMA 3R rating ensures protection against rain, sleet, and external environmental conditions in rugged work areas. This unit is constructed from 5052-H32 aluminum and is available in natural, anodized, or powder coated finishes for enhanced durability and corrosion resistance.

The aluminum enclosure measures 24" x 46" x 20" and is suitable for both indoor and outdoor applications. This unit features front and rear lockable doors with stainless steel handles and padlock hasps for secure access. A removable 19” EIA rack allows for flexible equipment installation, while a thermostatically controlled 100 CFM ventilation fan with filtered air intake supports proper thermal management. Constructed for reliability and long service life, the NEMA 3R rating ensures dependable operation in demanding environments.

Mounting: The IND-ALU-24.46.20-2D-BM-PWDC-N3R is designed for versatile installation and is compatible with base, pole, or pedestal mounting configurations.

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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **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)