

## 18x16x8 Inch Weatherproof Windowed Enclosure with Mounting Rail for 35mm DIN Rails - Model: NBW181608-000DR

### Applications and Features

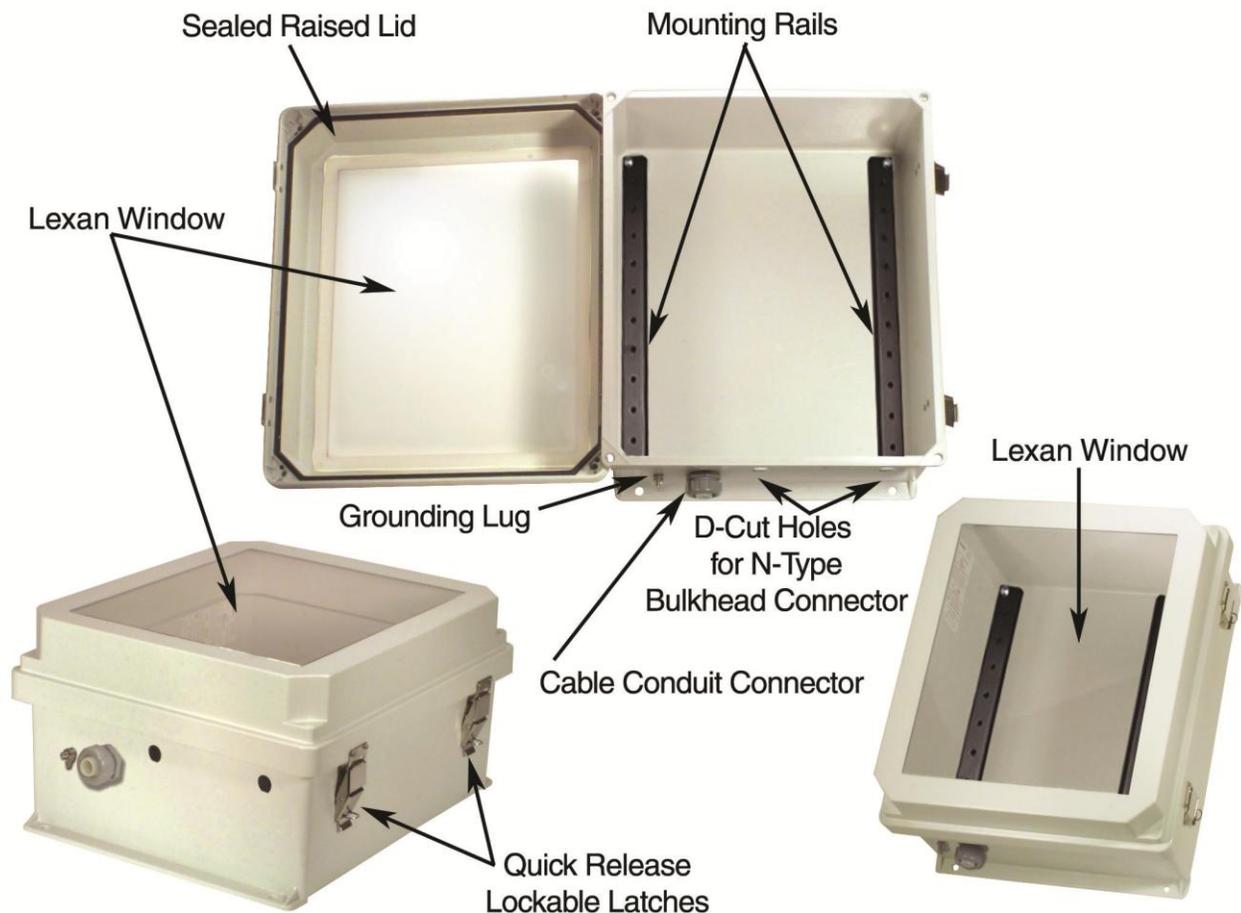
#### Features:

- Molded Fiberglass Reinforced Polyester (FRP) industrial Enclosure with Lexan Window
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4, 4X / IP66 rated
- Fully gasketed raised lid & integral mounting flange
- Includes Mounting Rails for use with DIN3 Rails (L-Com Part#: DIN-35-NB18 sold separately)

#### Applications:



- DIN Rail mountable Modular System
- Indoor and outdoor installations and Remote Wireless LAN WiFi equipment
- Rapid Deployment Installations
- Corrosive environments & hotspot applications
- Protection of equipment from theft or damage



## Product Description

### Start with the Box

The box is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded fiberglass reinforced polyester, it is well suited for high temperature or corrosive environments. The mounting flange allows it to be wall mounted as well as on a flat surface. The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The raised lid is fully gasketed. The enclosure material is UV stabilized and comes in machine tool gray.

The NBW181608-000DR is ideal for use as electrical junction boxes or instrumentation enclosures in highly corrosive environments including oil refineries, chemical processing plants, waste water treatment facilities, marine installations, electroplating plating, food processing plants, and agricultural environments. This enclosure is also suitable as instrument housing in both indoor and outdoor applications as the window provides easy visual inspection of interior components.

### Mounting Rails

The aluminum mounting rails installed within the NBW181608-000DR provides provisions to mount DIN3 Rails (**L-Com Part#: DIN-35-NB18 sold separately**) for installing a number of off-the-shelf DIN Modules and systems. The HGX-PMT13 Mounting package allows the populated enclosure to be mounted on poles, securely, in and around your site. The flexibility of DIN rail mounting system and the large selection of modules available offer any number of application solutions indoors and out, even in harsh environments. The NEMA 4, 4X/IP66 provides a sealed environment to safely house the control, routing and power systems being designed with the DIN Modules. The DIN Rails can be adapted to hold other systems and components to accommodate their placement in the enclosure. The enclosure features holes for two N-Bulkhead connectors or Lightning Protectors, a grounding lug, and a cable conduit connector to accept power or system feeds into the enclosure.

## Specifications

<b>Enclosure Material</b>	Fiberglass Reinforced Polyester
<b>Enclosure Color</b>	Machine Tool Gray
<b>Mounting Rails Material</b>	.125" (.3 cm) or 8 Gauge Thick Anodized Aluminum
<b>Mounting Rails Dimensions</b>	12.1 x 1.0 inches per Rail (31.2 x 2.54 cm)
<b>Weight</b>	19.0 lbs (8.6 kg)
<b>Outside Dimensions (max)</b>	19.3 x 17.3 x 9.6 inches (49.1 x 43.9 x 24.4 cm)
<b>Inside Dimensions</b>	17.7 x 15.7 x 8.5 inches (45.0 x 39.9 x 21.6 cm)
<b>Flame Rating</b>	UL 94-5V
<b>Cable Feed</b>	1/2" Cable Conduit Connector
<b>RoHS Compliant</b>	Yes
<b>Ratings*</b>	NEMA Type 4, 4X / IP66

\*Note: Enclosure ports (Cable conduit connector and N-type holes for lightning protectors or connectors) must be properly sealed to maintain NEMA Type 4, 4X / IP66 rating.

**Enclosure Dimensions**

