

18x16x08 Fiberglass Reinf Polyester FRP
Weatherproof Outdoor IP66 NEMA 4 Enclosure,
Modified Base DIN Rail Mount Gray



NB181608-000DR

Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4 / IP66 rated*
- Fully gasketed raised lid & integral mounting flange
- Installed mounting rails for use with DIN3 rails

Applications

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

Description

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 integrated mounting flange allows it to be mounted directly to any flat wall surface provided proper screws are used into secure studs. The enclosure can also be mounted to a wide diameter range of poles with one of our optional pole mounting hardware kits. The lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The lid is fully gasketed. The enclosure material is UV stabilized and comes in machine tool gray.

Mounting Rails

The aluminum mounting rails installed within the NB181608-000DR provides the ability to mount DIN3 rails for installing a number of off-the-shelf DIN modules and systems. Precut 35mm DIN Rail DIN-35-NB18 available (sold separately).

The flexibility of DIN rail mounting system and the large selection of modules available, offers any number of application solutions indoors and out, even in harsh environments. 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 lightning protectors or connectors, a grounding lug, and a cable conduit connector to accept power or system feeds into the enclosure.

The HGX-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include HGX-PMT13, HGX-PMT16, HGX-PMT28, HGX-PMT29, HGX-PMT30 & HGX-PMT33

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

Mechanical Specifications

Size

Outer Height	19.5 in	[495.3 mm]
Outer Width	17.5 in	[444.5 mm]
Outer Depth	10 in	[254 mm]
Inner Height	17.7 in	[449.58 mm]
Inner Width	15.7 in	[398.78 mm]
Inner Depth	8.4 in	[213.36 mm]
Weight	19.22 lbs	[8.72 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

Environmental Specifications

Temperature Continuous	-50 to 150°C
NEMA Rating	4
Ingress Protection (IP) Rating	IP66

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Compliance Certifications

UL Listed

No

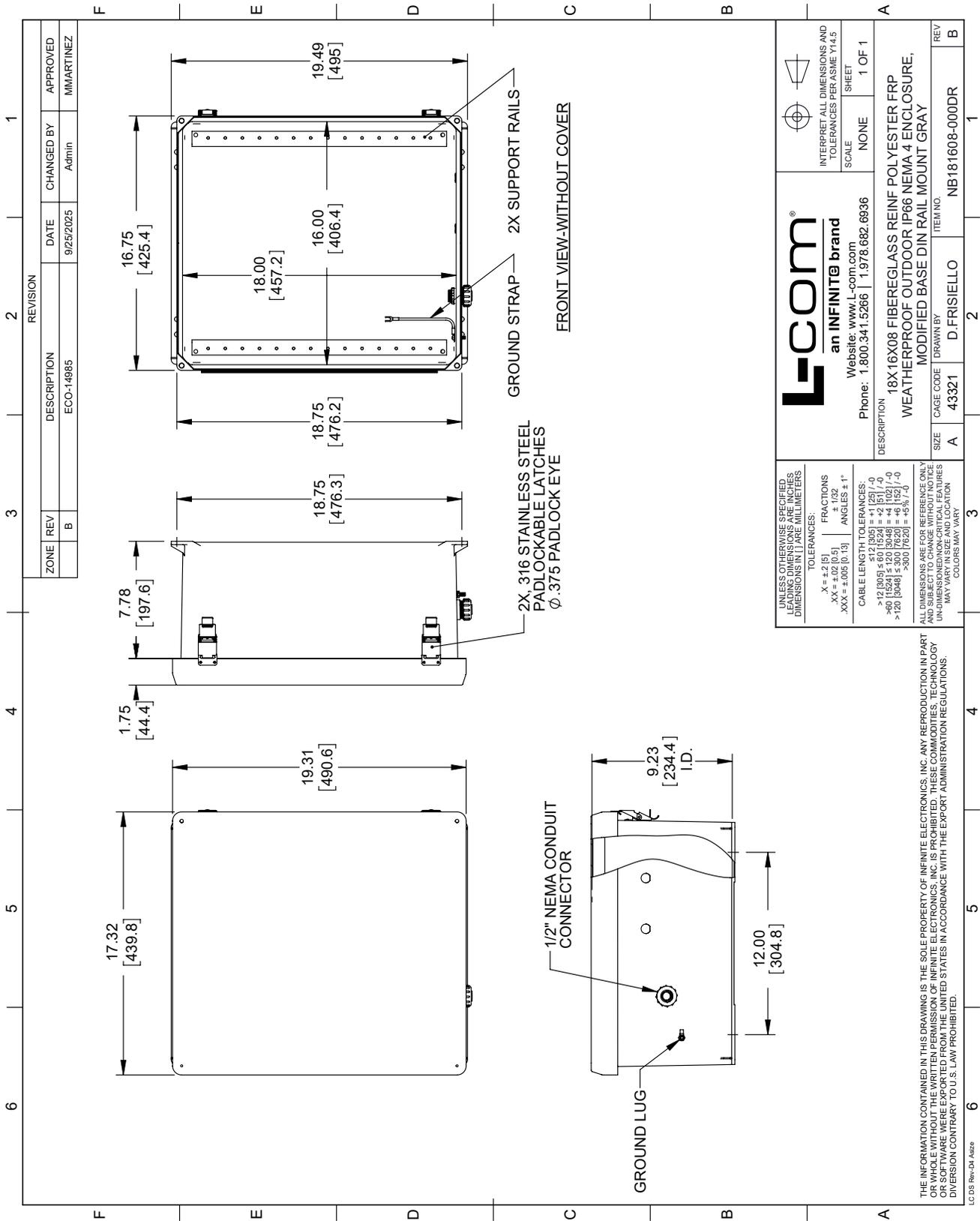
18x16x08 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, Modified Base DIN Rail Mount Gray from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/nema-enclosures-18x16x8-inch-weatherproof-nema-4x-enclosure-din-mounting-rails-p.aspx>

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NB181608-000DR CAD Drawing

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DESCRIPTION
18X16X08 FIBERGLASS REINF POLYESTER FRP WEATHERPROOF OUTDOOR IP66 NEMA 4 ENCLOSURE, MODIFIED BASE DIN RAIL MOUNT GRAY

SIZE A 43321 DRAWN BY D.FRISIELLO ITEM NO. NB181608-000DR