

18x16x08 Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, 240 VAC Universal Outlet Mount PLT, MECH Thermostat Heat Gray



NB181608-EH0

Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 4 / IP66 rated*
- Fully gasketed lid & integral mounting flange
- Features aluminum mounting plate with universal duplex socket for 240 VAC power & thermostat controlled heating system

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. Includes fully gasketed lid & integral mounting flange. The enclosure material is UV stabilized and comes in machine tool gray.

Mounting Plate

The aluminum mounting plate included with the NB181608-EH0 features a duplex 240 VAC Universal EURO outlet and a terminal block for easy hook up to externally provided line power. The enclosure also features holes for two N-Bulkhead lightning protectors or connectors, a grounding lug, and a cable conduit connector.

Heating

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure need to be controlled. With the built-in heaters, internal temperatures can be better maintained. This model is ideal in cold environments.

For heating, the NB181608-EH0 includes two thermostat-controlled 200W (400W total) heaters. Each 200W heater is controlled by its own thermostat. The heaters turn on when the internal temperature drops to 40° F (4° C) $\pm 7^\circ$ and turn off at 60° F (15° C) $\pm 5^\circ$. The heaters do not require the use of any of the AC outlets, leaving them all available for your equipment. No extra room for the heaters is required since they are mounted underneath the plate.

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 | 20.5 lbs | [9.3 kg] |
| Enclosure Material | Fiberglass Reinforced Polyester (FRP) | |

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Environmental Specifications

| | |
|--------------------------------|------------------|
| Temperature Rating | -50 to 150 deg C |
| NEMA Rating | 4 |
| Ingress Protection (IP) Rating | IP66 |

Compliance Certifications

| | |
|-----------|----|
| UL Listed | No |
|-----------|----|

18x16x08 Fiberglass Polyester FRP Weatherproof Outdoor IP66 NEMA 4 Enclosure, 240 VAC Universal Outlet Mount PLT, MECH Thermostat Heat 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-universal-200-240-vac-weatherproof-enclosure-with-heating-system-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

NB181608-EH0 CAD Drawing
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