

18x16x10 Polycarbonate Weatherproof Outdoor IP24 NEMA 3R Enclosure,
240 VAC Universal Outlet MNT PLT, Mechanical Thermostat Heat & Fan Black



NBBPC181610-EHF

Features

- High-Impact, UV Resistant Polycarbonate (Black)
- Stainless steel latches with padlock eye
- NEMA Type 3R / IP24 rated
- Fully gasketed vented lid with filters & user installed wall mounting brackets
- Features aluminum mounting plate with universal duplex socket for 240 VAC power & thermostat controlled heating and cooling 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 High-Impact, UV Resistant Polycarbonate material that provides superior durability to impacts and ease of modification while maintaining minimum weight. It is well suited for high temperature or corrosive environments. The lid includes two vents with installed rain guards and filters. The included wall mount brackets come uninstalled and bagged with their hardware inside of the enclosure. Once the brackets are installed the enclosure can be mounted directly to any flat wall surface provided proper screws are used into secure studs. The brackets, once installed, also allow you to use our HGX-PMT pole mount kits. The lid features a non-metallic hinge system that allows for quick removal & can be reattached just as quickly without the need for any tools. The enclosure comes with a pair of stainless-steel latches with padlock eyes allowing you to secure the enclosure from tampering. The enclosure comes in black.

Mounting Plate

The aluminum mounting plate included with the NBBPC181610-EHF features a duplex 240 VAC Universal Euro outlet (contained in one duplex socket) 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 cable conduit connector.

Heating & Cooling

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure needs to be controlled. With the built-in heaters & dual cooling fans, internal temperatures can be better maintained. This model is ideal in hot and/or cold environments.

For Heating the NBBPC181610-EHF 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) ±7° and turn off at 60° F (15° C) ±5°. 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.

For Cooling the NBBPC181610-EHF model includes two thermostat-controlled 18W (36W total) fans. The high airflow, low noise fans used allow warm air to be actively pushed out the top vent while the second fan on the lower vent actively pulls in outside air into the enclosure. Filters for both ports prevent foreign objects or debris from entering the enclosure. The fans turn on when the internal temperature rises to 120° F (49° C) ±5° and turn off at 90° F (32° C) ±10°. Like the heaters, the cooling fans do not require the use of any of the AC outlets, leaving them all available for your equipment.

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[18x16x10 Polycarbonate Weatherproof Outdoor IP24 NEMA 3R Enclosure, 240 VAC Universal Outlet MNT PLT, Mechanical Thermostat Heat & Fan](#)

18x16x10 Polycarbonate Weatherproof Outdoor IP24 NEMA 3R Enclosure,
240 VAC Universal Outlet MNT PLT, Mechanical Thermostat Heat & Fan Black



NBBPC181610-EHF

Size

Outer Height	18.9 in	[480.06 mm]
Outer Width	16.8 in	[426.72 mm]
Outer Depth	11.3 in	[287.02 mm]
Inner Height	18.2 in	[462.28 mm]
Inner Width	16.2 in	[411.48 mm]
Inner Depth	9.7 in	[246.38 mm]
Weight	19 lbs	[8.62 kg]
Enclosure Material	Polycarbonate	

Environmental Specifications

Temperature Rating	-40° to 265°F [-40° to 129°C]
NEMA Rating	3R
Ingress Protection (IP) Rating	IP24

Compliance Certifications

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

18x16x10 Polycarbonate Weatherproof Outdoor IP24 NEMA 3R Enclosure, 240 VAC Universal Outlet MNT PLT, Mechanical Thermostat Heat & Fan Black 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. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 18x16x10 Polycarbonate Weatherproof Outdoor IP24 NEMA 3R Enclosure, 240 VAC Universal Outlet MNT PLT, Mechanical Thermostat Heat & Fan Black NBBPC181610-EHF

URL: <https://www.l-com.com/18x16x10-polycarbonate-weatherproof-outdoor-ip24-nema-3r-enclosure-240-vac-universal-outlet-mnt-plt-mechanical-thermostat-heat-fan-black-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 impliment 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.

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 impliment 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.

18x16x10 Polycarbonate Weatherproof Outdoor IP24 NEMA 3R Enclosure, 240 VAC
 Universal Outlet MNT PLT, Mechanical Thermostat Heat & Fan Black

L-com CAD Drawing

