14x12x06 Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure, 120VAC Mount Plate Mechanical Thermostat Heat Dark Gray

NEMA Enclosures Technical Data Sheet

NBPC141206-1H0

Features

- High-Impact, UV Resistant Polycarbonate (Dark Gray)
- Stainless steel latch with padlock eye
- NEMA Type 4X / IP66* rated (includes (4x) optional lid corner screws**)
- Fully gasketed lid & user installed wall mounting brackets
- Features aluminum mounting plate with surge protected duplex 120 VAC outlets & 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 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 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 a Dark Gray (Pantone 422C)

Mounting Plate

The aluminum mounting plate included with the NBPC141206-1H0 features standard surge protected duplex 120 VAC outlets and a terminal block for easy hook up to the 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

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

The NBPC141206-1H0 includes a thermostat-controlled 200W heater. The heater turns on when the internal temperature drops to 40° F (4° C) ±7° and turns off at 60° F (15° C) ±5°. The heater does not require the use of any of the AC outlets, leaving them all available for your equipment. No extra room for the heater is required since it is 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 4X / IP66 rating

**Note: If all four of the optional lid screws are installed the enclosure can achieve. NEMA 6P / IP68 however all of the openings would have to be properly sealed with an IP68 rated plug, gland or coupler.

Size

Outer Height	14.6 in	[370.84 mm]
Outer Width	12.6 in	[320.04 mm]
Outer Depth	7.4 in	[187.96 mm]
Inner Height	13.7 in	[347.98 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 14x12x06 Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure, 120VAC Mount Plate Mechanical Thermostat Heat Dark Gray NBPC141206-1H0

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Inner Width	11.7 in	[297.18 mm]
Inner Depth	5.9 in	[149.86 mm]
Weight	8.81 lbs	[4 kg]
Enclosure Material	Polycarbonate	

Environmental Specifications

Temperature Rating	-40° to 265° F [-40° to 129° C]
NEMA Rating	4X
Ingress Protection (IP) Rating	IP66

Compliance Certifications

UL Listed	No

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URL: https://www.l-com.com/14x12x06 Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure, 120VAC Mount Plate Mechanical Thermostat Heat Dark Gray-p.aspx

NBPC141206-1H0 CAD Drawing
14x12x06 Polycarbonate Weatherproof Outdoor IP66 NEMA 4X Enclosure,
120VAC Mount Plate Mechanical Thermostat Heat Dark Gray

REVISIONS

REV	DESCRIPTION	DATE	CHANGED BY
A	INITIAL RELEASE	05/16/2019	M.MARTINEZ

2X 316 SS LATCH, Ø 3/8" PADLOCK EYE

16.95 [430.5]

5.96 [151.4]

2X 16.01 [406.7]

13.95 [354.5]

12.75 [323.9]

10.75

5.06

2.39

5.67

4X .56 [14.2]

4X .3 [7.8]

11.95 [303.7]

2X 9.88 [250.8]

6.50

2.85

10.85 [275.6]

2X 11.02 [280.0]

2.86

1.25

.62

.83

PLATE ASSY

COMPONENTS ON BACK OF PLATE DO NOT DRILL

LID NOT SHOWN IN THIS VIEW FOR CLARITY

Ø .60 [5.4]

.56 [14.1]

DETAIL A
2 PLACES

A

8.83 [224.3]

5.05 [128.3]

3.07 [78.1]

1.00 [25.4]

0

7.30 [85.4]

6.30 [60.0]

2X 4.19 [106.4]

2X 3.44 [87.4]

1/2" CONDUIT CONNECTOR

GROUND LUG

NOTES:
1. ENCLOSURE MATERIAL-LIGHT GRAY (PANTONE 422C) HIGH-IMPACT, UV RESISTANT POLYCARBONATE.
2. TEMPERATURE RANGE: -40°F TO 266°F
3. CABINETS ARE MAINTENANCE FREE AND CORROSION RESISTANT.
4. SHALL BE PACKAGED AS PER L-COM SPEC
5. ALL DIMENSIONS FOR REFERENCE ONLY.

NBPC141206-1H0 REV