14x12x7 Inch UL Listed 120 VAC Weatherproof Enclosure w/Solid State Fan Controller

NB141207-10FS-UL

Features

- Fully gasketed raised Vented lid with removable filters & integral mounting flange
- NEMA Type 3R, 3RX / IP24 rated
- Features aluminum mounting plate with surge protected duplex 120 VAC Outlets & Solid State Controlled Cooling System
- Stainless steel quick release latches with padlock hasps
- UL® Listed Molded Fiberglass Reinforced Polyester (FRP) industrial Enclosure

Applications

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

Description

UL® Listed Enclosures

The NB141207-10FS-UL is approved and listed with UL, meeting the stringent requires for Communication Enclosure System 40XX. The UL listing number is E326684. Use this enclosure when UL Listed products are required by the project. Other UL Listed enclosures are available in many popular features.

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.

Mounting Plate

The aluminum mounting plate has provisions to mount WLAN equipment from Cisco®, Symbol®, D-Link® and more (see mounting plate drawing). With the optional HGX-AMOUNT02 bracket a wide array of L-Com Power-Over-Ethernet products and Power Supplies can be mounted as well. Two of these brackets can be mounted side by side. Also available is the HGX-NMOUNT03 Universal Mounting Shelf that can be attached to the mounting plate and can accommodate additional equipment to be placed in the enclosure. The plate features four standard surge protected 120 VAC outlets and a terminal strip to supply power to internal equipment.

Hot Environments

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure needs to be maintained. With the built-in cooling fan, internal temperatures can be better maintained. This model is ideal in hot environments. he NB141207-10FS-UL comes with a 120 VAC cooling fan installed. The fan is controlled by L-Com's exclusive solid-state fan controller. The standard unit has a fan turn-on temperature of +90° F. The controller features improved temperature set point accuracy and can be factory modified for other temperature set points as a custom. The fan is controlled by an integral solid state AC relay. The relay features Zero Cross Detection for EMI reduction. No extra room for the controller is required since it is mounted underneath the plate (A minimum order quantity is required for custom fan set points and other configurations.) .Filters for both ports are easily removable for cleaning and replacement. The cooling fan does not require the use of any of the AC outlets, leaving them all available for your equipment.

Lightning Protection

Surge protection is provided as a standard feature on the internal AC outlets. In addition, the unit can accept up to two optional bulkhead-mount N-Type lightning protectors to protect the coaxial cable runs. Mounted to the optional HGX-AMOUNT02 bracket, the HGLN-CAT5

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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lightning protector can be used with Power-over-Ethernet applications.

Size

Outer Height	13.5 in	[342.9 mm]
Outer Width	8.7 in	[220.98 mm]
Outer Depth	15.5 in	[393.7 mm]
Weight	13.4 lbs	[6.08 kg]
Enclosure Material		Fiberglass Reinforced Polyester (FRP)

Environmental Specifications

Temperature Continuous	-50 to +150ºC
Ingress Protection (IP) Rating	IP24

14x12x7 Inch UL Listed 120 VAC Weatherproof Enclosure w/Solid State Fan Controller 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: 14x12x7 Inch UL Listed 120 VAC Weatherproof Enclosure w/Solid State Fan Controller NB141207-10FS-UL

URL: https://www.l-com.com/nema-enclosures-14x12x7-inch-ul-listed-120-vac-weatherproof-enclosure-w-solid-state-fan-controller-p.aspx

14x12x7 Inch UL Listed 120 VAC Weatherproof Enclosure w/Solid State Fan Controller

L-com CAD Drawing

14.75 MOUNTING HOLES

316 SS PADLOCKABLE LATCHES
Ø .375 PADLOCK EYE

.578 [14.68]

.625 [15.87]

DETAIL "A"

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

Ø .32 [8.1] MOUNTING HOLES (4X)

14.75 [374.6]

12.75 [323.9]

12.75 [323.8]

10.00 [254.0]

10.85 [275.6]

HIDDEN LINES REPRESENT COMPONENTS ON BACK OF PLATE--DO NOT DRILL--

304 SS PIANO HINGE

SEE DETAIL "A" (2X)

1/2" CONDUIT CONNECTOR

GROUND LUG

2.4 [61]

.9 [22]

3.2 [83]

13.3 [338]

5.68 [144.3]

4.25 [107.9]

3.49 [88.8]

3.9

8.58 [217.9]

3.80 [96.5]

1.75 [44.5]

0 [0.0]

1.75 [44.5]

0

15.32 [389.1]

REVISION

ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	C	ECO-13007	08/24/2023	BPUCHASKI	MMARTINEZ

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CATEGORY: ENCLOSURE

PRODUCT DESCRIPTION: NEMA ENCLOSURE 14 X 12 X 7 WEATHERPROOF 120VAC W/FAN SOLID STATE CONTROLLER-UL LISTED

CAGE CODE: 43321

ITEM NO.: NB141207-10FS-UL

CAD FILE: NB141207-10FS-UL.SLDDRW

REV. C

SIZE A

SCALE: NONE

SHEET 1 OF 1

APPROVALS	DATE
DRAWN BY: BPUCHASKI	04/04/2013
CHECKED BY: PPESA	04/04/2013
APPROVED BY: PPESA	04/04/2013

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]

OVERALL CABLE LENGTH TOLERANCE:
≤12 [305] = +1 [25] / -0
>12 [305] ≤60 [1524] = +2 [51] / -0
>60 [1524] ≤120 [3048] = +4 [102] / -0
>120 [3048] ≤300 [7620] = +6 [152] / -0
>300 [7620] = +5%/ -0

ALL OTHER DIMENSIONAL TOLERANCES:
.X = ± .1 [5]
.XX = ± .02 [.5]
.XXX = ± .005 [.13]

FRACTIONS ± 1/32
ANGLES ± 1°

THIRD-ANGLE PROJECTION