NBB-2
Product Installation Document

PN LS10250-000GE-E:A 10/07/2021 ECN: 16475

1 General

The NBB-2 is a surface-mount enclosure for housing network annunciators, as well as peripheral equipment. The enclosures feature a backbox made of 18 gauge steel, locking door with LEXAN® window, and two keys. Conduit access is provided via knockouts on each side.

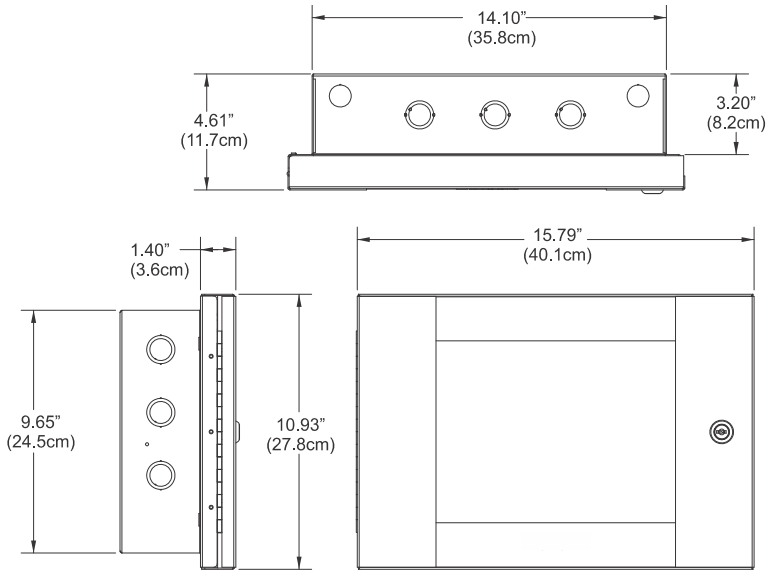


Figure 1 NBB-2 Dimensions

2 Installation

2.1 NBB-2 Enclosure

1. Open cabinet door and remove the two (2) screws on the right side which secure the dress panel to the backbox.
2. Mark and pre-drill holes in the wall for the top keyhole mounting bolts using the dimensions below.
3. Install top fasteners in the wall with the screw head protruding.
4. Place backbox over the top screws, level and secure.
5. Mark and drill the left and right upper and lower mounting holes.
6. Install remaining fasteners and tighten.

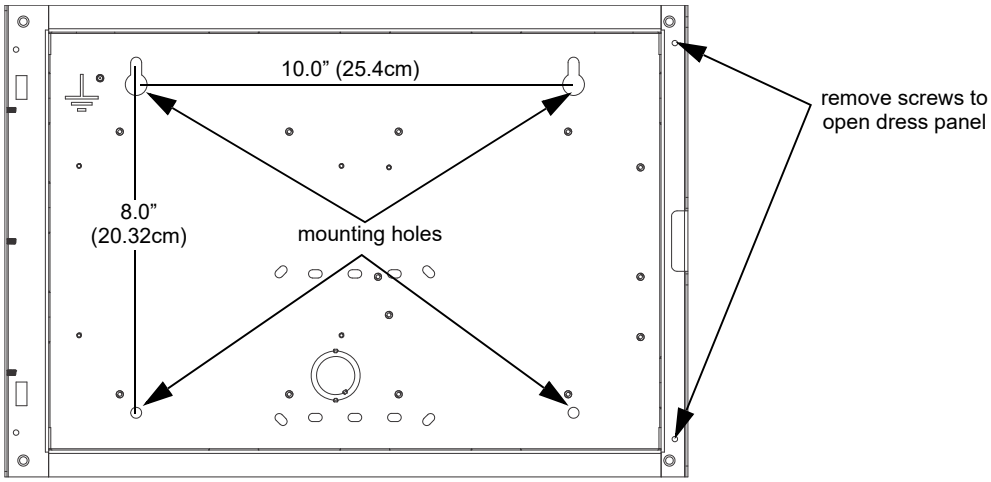


Figure 2 Mounting the Backbox

2.2 Optional Modules

When the location is dry and free of construction dust, install accessories as described below.

CAUTION: STATIC SENSITIVE COMPONENTS

THE CIRCUIT BOARD CONTAINS STATIC-SENSITIVE COMPONENTS. ALWAYS GROUND YOURSELF WITH A PROPER WRIST STRAP BEFORE HANDLING ANY BOARDS SO THAT STATIC CHARGES ARE REMOVED FROM THE BODY. USE STATIC SUPPRESSIVE PACKAGING TO PROTECT ELECTRONIC ASSEMBLIES.

2.2.1 Network Control Display

1. Align the Network Control Display over the studs and PEMs on the back of the dress plate.
2. Secure the four corners with four (4) supplied nuts and the middle centers with two (2) screws supplied in the Network Control Display hardware kit.
3. Wire the annunciator as instructed in the *Network Control Display Manual*.

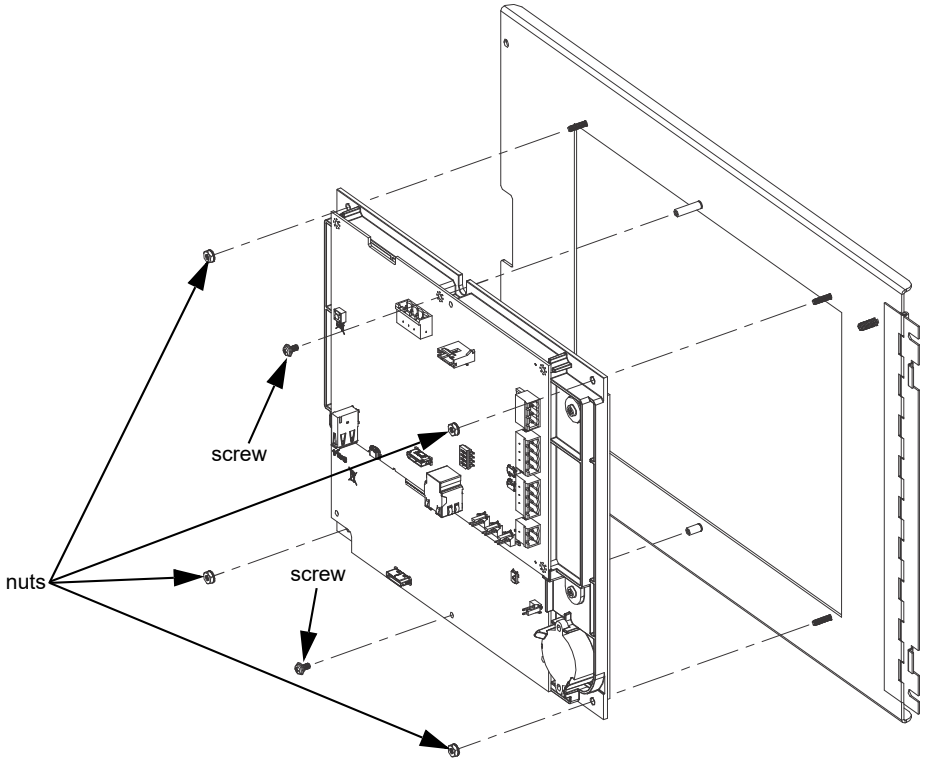


Figure 3 Mounting the Network Control Display on the NBB-2 Dress

2.2.2 Fire Alarm Control Panel Display Board

1. Align the display over the studs and PEM on the back of the dress plate.
2. Secure the four corners with four (4) supplied nuts and the bottom center with one (1) screw supplied in the displays hardware kit.
3. Wire the display as instructed in the *Fire Alarm Control Panel Manual*.

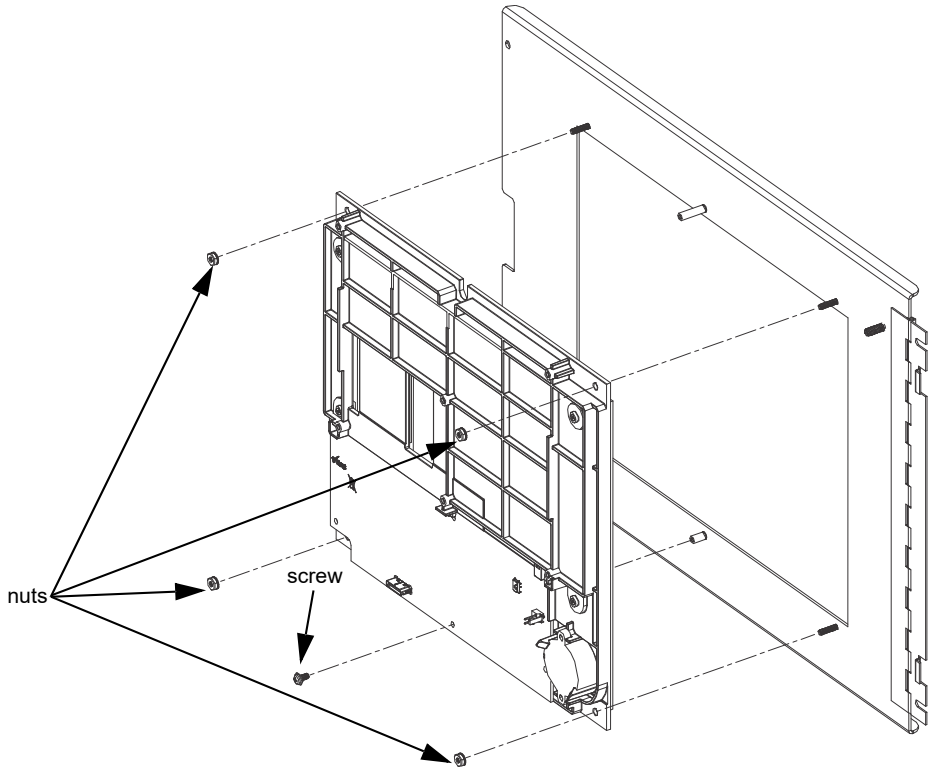


Figure 4 Mounting the Fire Alarm Control Panel Display on the NBB-2

2.2.3 HS-NCM High-Speed Network Communications Module

1. Install four (4) 0.75” (1.9cm) F/F standoffs to the PEM studs in the back of the enclosure as shown.
2. Orient the HS-NCM over the standoffs as shown and secure with four (4) screws supplied with the hardware kit.
3. Wire the module as instructed in the *HS-NCM Installation Document* #54014.

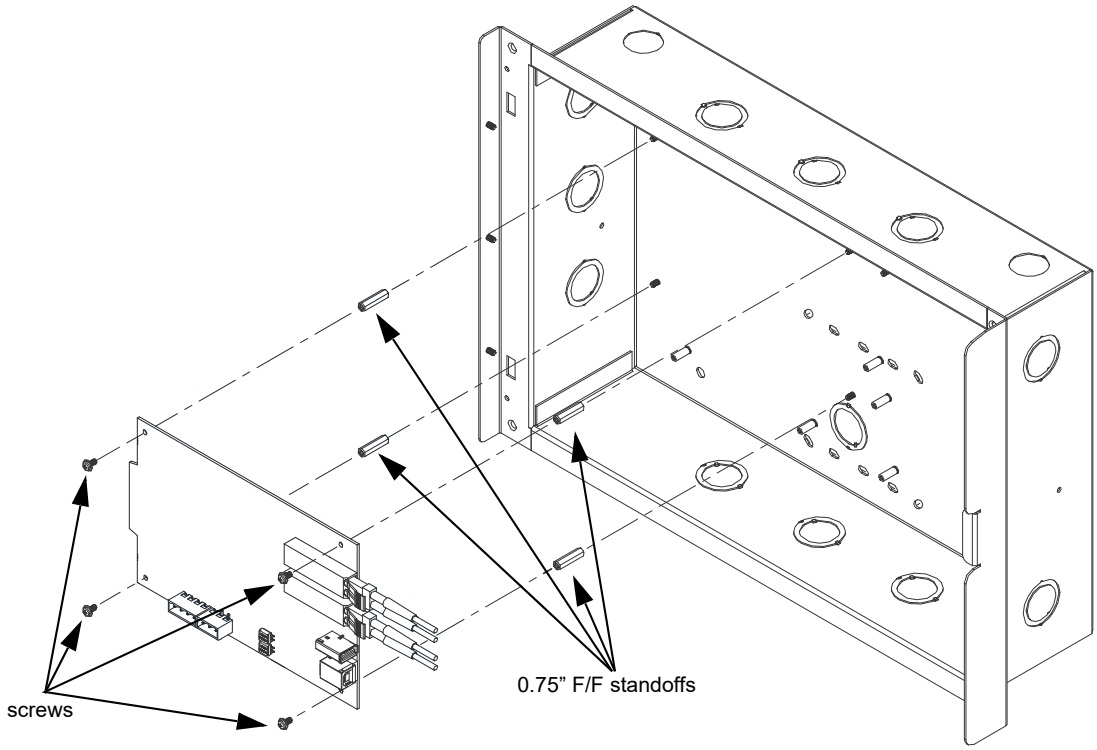


Figure 5 Mounting the HS-NCM in the NBB-2 Enclosure

2.2.4 CGW-MB Communications Module

1. Install one (1) 7/16” (1.1cm) F/F standoff to the upper middle backbox to act as a support for the corner of the CGW-MB.
2. Align the CGW-MB over the standoff and PEMs and secure with five (5) screws supplied with module.
3. Wire the module as instructed in the *HON-CGW-MBB Document* #LS10248-000HW-E.

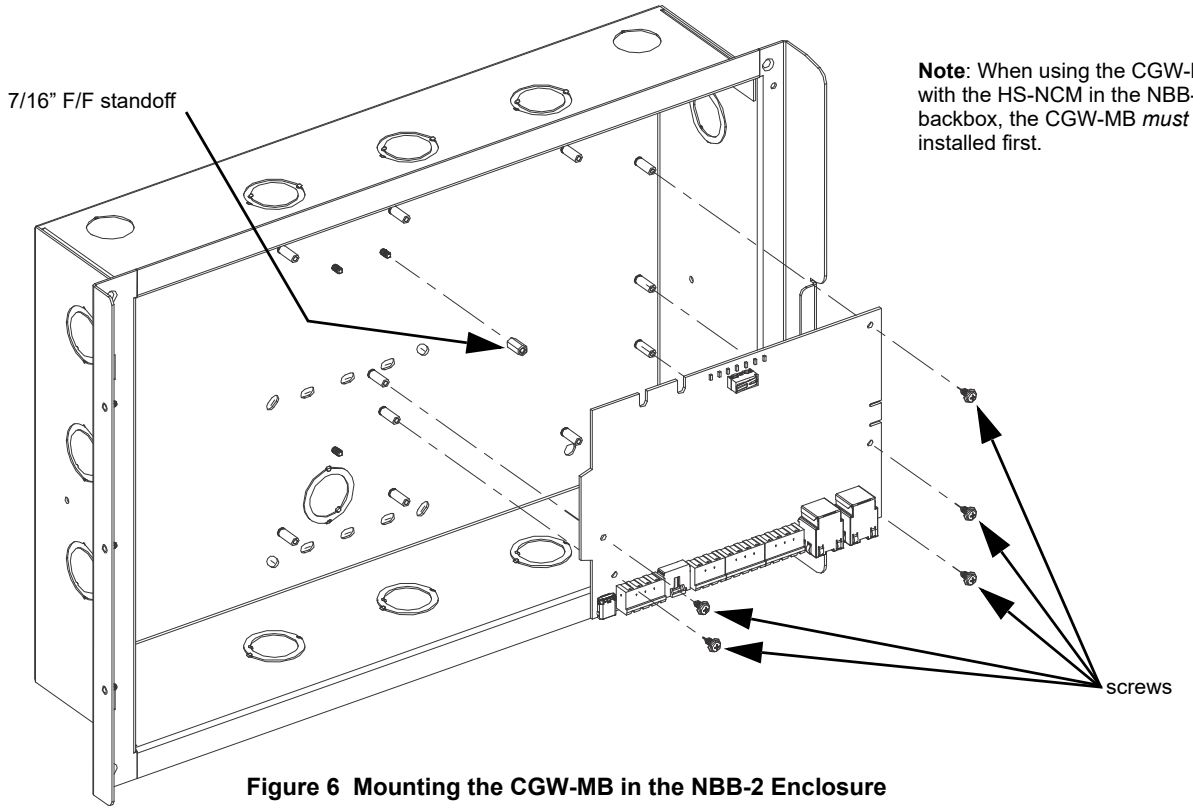


Figure 6 Mounting the CGW-MB in the NBB-2 Enclosure

2.2.5 NCM-W Network Communications Module

1. Orient the NCM-W as shown and align it over the studs on the back of the enclosure. The enclosure can hold two NCM-W modules.
2. Secure the four corners with four (4) screws supplied in the NCM-W hardware kit.
3. Wire the module as instructed in the *NCM-W/F Document* #51533.

NOTE: If an NCM-W is installed, a CGW-MB or other gateway that requires NUP may not be installed in the NBB-2.

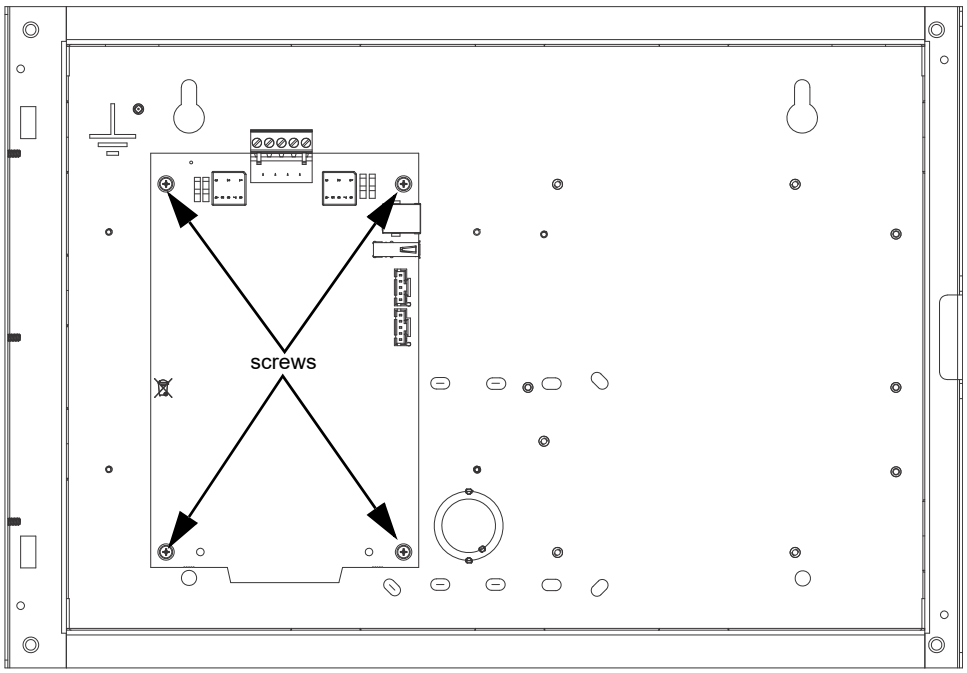


Figure 7 Mounting the NCM-W Module in the NBB-2 Enclosure