

## **Type 4 Mild Steel Junction Box** *1414 N4 PH Series*

**Continuous Hinge Door with Clamps**



### **Application**

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

### **Standards**

- UL 508 Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - JIC EGP-1-1967 unless marked<sup>1</sup>
  - IEC 60529, IP66

### **Construction**

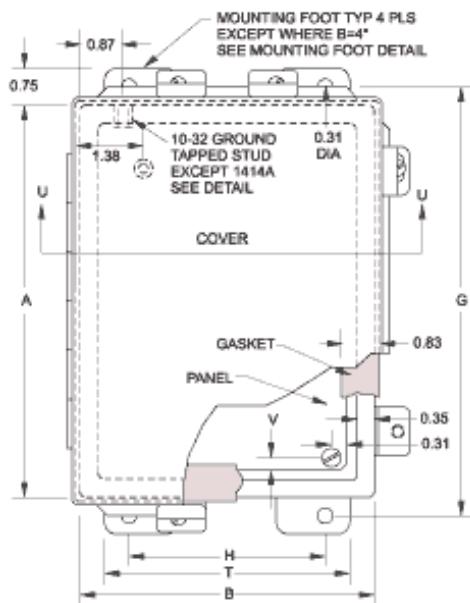
- Body formed from 16 or 14 gauge steel. Covers are formed from 14 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Continuous hinged cover is secured with stainless steel clamps and screws.
- Stainless steel continuous hinge on door may be removed by pulling the stainless steel hinge pin.
- Seamless poured-in place gasket.
- All models larger than 4" x 4" include a removable 14 gauge inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

### **Finish**

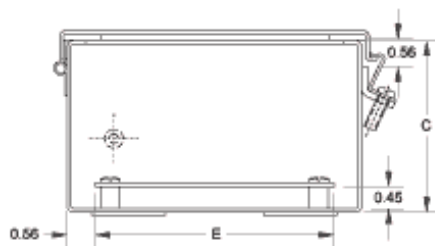
- Cover and enclosure are phosphatized, finished in recoatable smooth ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

### **Accessories**

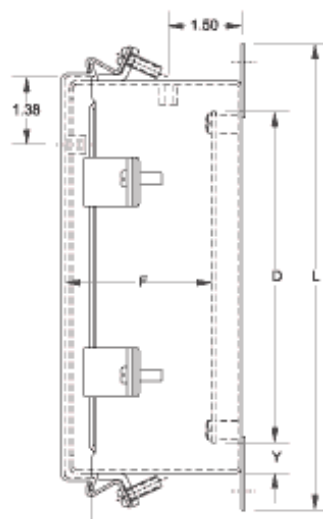
- Inner Panels
- Door Clamping Hardware
- Heaters
- Terminal Kit Assemblies
- Swing Panel Kit
- Ventilation
- Filtered Fans
- Type 1 Louvered Ventilating Plates
- Temperature Controls
- Ground Wire Kits



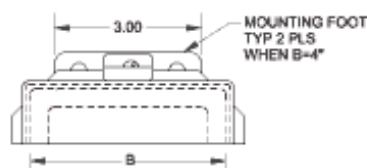
**Front View**



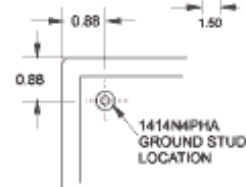
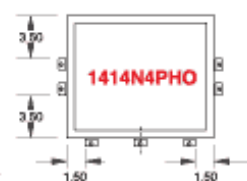
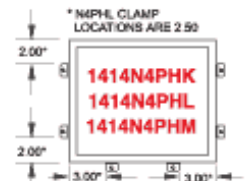
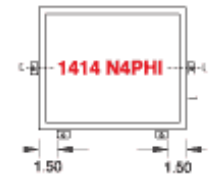
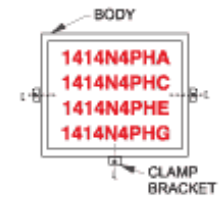
**Cross Section U-U**



**Side View**



**Mounting Foot Detail  
When B=4**



**Ground stud location  
for 1414N4PHA**

|                        |                          |            |       |       |       |       |      |       |       |      |       |            |       |       |      |          |           | Ship Wt. (lbs) | Ship Wt. (lbs) |
|------------------------|--------------------------|------------|-------|-------|-------|-------|------|-------|-------|------|-------|------------|-------|-------|------|----------|-----------|----------------|----------------|
| Part No.               | Part No.                 | Panel Size |       |       |       |       |      |       |       |      |       |            | Cover |       |      |          |           |                |                |
| w/ Inner Panel         | w/o Inner Panel          | A          | B     | C     | D     | E     | F    | G     | H     | J    | L     | Dimensions | T     | V     | Y    | w/ Panel | w/o Panel |                |                |
| -                      | 1414N4PHA <sup>1</sup>   | 4.00       | 4.00  | 3.00  | -     | -     | -    | 4.75  | 2.00  | 2.60 | 5.50  | 4.31       | 4.31  | 3.00  | -    | -        | 1         |                |                |
| 1414N4PHC <sup>1</sup> | 1414N4PHCLP <sup>1</sup> | 6.00       | 4.00  | 3.00  | 4.88  | 2.88  | 2.50 | 6.75  | 2.00  | 2.60 | 7.50  | 6.31       | 4.31  | 3.00  | 0.31 | 0.56     | 3         |                |                |
| 1414N4PHG              | 1414N4PHGLP              | 8.00       | 6.00  | 3.50  | 6.75  | 4.88  | 3.00 | 8.75  | 4.00  | 3.10 | 9.50  | 8.31       | 6.31  | 5.00  | 0.25 | 0.63     | 5         |                |                |
| 1414N4PHE              | 1414N4PHELP              | 6.00       | 6.00  | 4.00  | 4.88  | 4.88  | 3.50 | 6.75  | 4.00  | 3.60 | 7.50  | 6.31       | 6.31  | 5.00  | 0.31 | 0.56     | 4         |                |                |
| 1414N4PHI              | 1414N4PHILP              | 10.00      | 8.00  | 4.00  | 8.75  | 6.88  | 3.50 | 10.75 | 6.00  | 3.60 | 11.50 | 10.31      | 8.31  | 7.00  | 0.25 | 0.63     | 9         |                |                |
| 1414N4PHI6             | 1414N4PHI6LP             | 10.00      | 8.00  | 6.00  | 8.75  | 6.88  | 5.50 | 10.75 | 6.00  | 5.60 | 11.50 | 10.31      | 8.31  | 7.00  | 0.25 | 0.63     | 11        |                |                |
| 1414N4PHK              | 1414N4PHKLP              | 12.00      | 10.00 | 5.00  | 10.75 | 8.88  | 4.50 | 12.75 | 8.00  | 4.60 | 13.50 | 12.31      | 10.31 | 9.00  | 0.25 | 0.63     | 14        |                |                |
| 1414N4PHL6             | 1414N4PHL6LP             | 12.00      | 12.00 | 6.00  | 10.75 | 10.88 | 5.50 | 12.75 | 10.00 | 5.60 | 13.50 | 12.31      | 12.31 | 11.00 | 0.25 | 0.63     | 24        |                |                |
| 1414N4PHM6             | 1414N4PHM6LP             | 14.00      | 12.00 | 6.00  | 12.75 | 10.88 | 5.50 | 14.75 | 10.00 | 5.60 | 15.50 | 14.31      | 12.31 | 11.00 | 0.25 | 0.63     | 20        |                |                |
| 1414N4PHO6             | 1414N4PHO6LP             | 16.00      | 14.00 | 6.00  | 14.75 | 12.88 | 5.50 | 16.75 | 12.00 | 5.60 | 17.50 | 16.31      | 14.31 | 13.00 | 0.25 | 0.63     | 24        |                |                |
| 1414N4PHM8             | 1414N4PHM8LP             | 14.00      | 12.00 | 8.00  | 12.75 | 10.88 | 7.50 | 14.75 | 10.00 | 7.60 | 15.50 | 14.31      | 12.31 | 11.00 | 0.25 | 0.63     | 20        |                |                |
| 1414N4PHO10            | 1414N4PHO10LP            | 16.00      | 14.00 | 10.00 | 14.75 | 12.88 | 9.50 | 16.75 | 12.00 | 9.60 | 17.50 | 16.31      | 14.31 | 13.00 | 0.25 | 0.63     | 26        |                |                |

<sup>1</sup> Does not meet JIC Requirements

Data subject to change without notice



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Hammond:

[1414N4PHILP](#) [1414N4PHM8LP](#) [1414N4PHGLP](#) [1414N4PHO10LP](#) [1414N4PHELP](#) [1414N4PHCLP](#)  
[1414N4PHM6LP](#) [1414N4PHL6](#) [1414N4PHM6](#) [1414N4PHO6](#) [1414N4PHM8](#) [1414N4PHI6](#) [1414N4PHO6LP](#)  
[1414N4PHO10](#) [1414N4PHI](#) [1414N4PHA](#) [1414N4PHG](#) [1414N4PHK](#) [1414N4PHE](#) [1414N4PHC](#) [1414N4PHL6LP](#)  
[1414N4PHI6LP](#) [1414N4PHKLP](#)