

## **Type 12 Mild Steel Junction Box** *1414 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 a degree of protection from falling dirt, dust, oil and water.

### **Standards**

- UL 508 Type 12, 13
- CSA Type 12, 13
- Complies with
  - NEMA Type 12 and 13
  - JIC EGP-1-1967 unless marked<sup>1</sup>
  - IEC 60529, IP54

### **Construction**

- Body formed from 16 gauge 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.
- Continuously hinged cover is secured with stainless steel clamps and plated steel screws.
- Seamless poured-in place gasket.
- 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 and finished in ANSI 61 gray recoatable powder coating.
- Removable inner panel is finished in white powder coating.

### **Accessories**

[Inner Panels](#)

[Door Clamping Hardware](#)

[Heaters](#)

[Terminal Kit Assemblies](#)

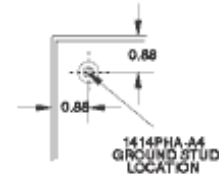
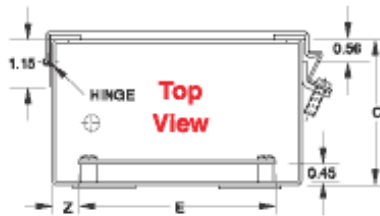
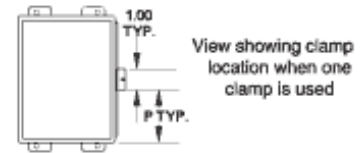
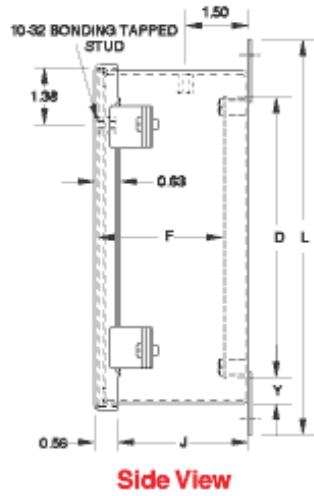
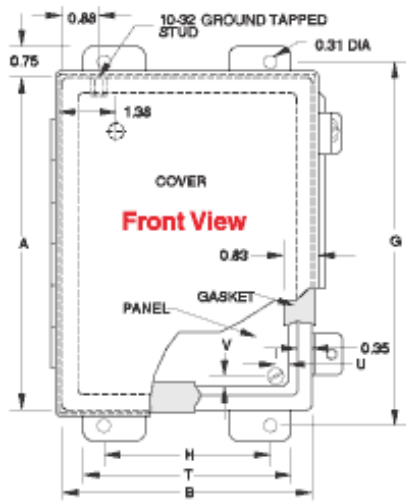
[Swing Panel Kit](#)

[Ventilation](#)

[Filtered Fans](#)

[Type 1 Louvered Ventilating Plates](#)

[Temperature Controls](#)



| Part No.<br>w/ Inner<br>Panel | Part No.<br>w/o Inner<br>Panel | A     | B     | C     | D     | E     | F     | G     | H     | J    | L     | P    | T     | U    | V    | Y    | Z    | Ship<br>Wt.<br>(lbs)<br>w/<br>Inner<br>Panel | Ship<br>Wt.<br>(lbs)<br>w/o<br>Inner<br>Panel |
|-------------------------------|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|------|------|------|------|----------------------------------------------|-----------------------------------------------|
| -                             | 1414PHA <sup>1</sup>           | 4.00  | 4.00  | 3.00  | -     | -     | -     | 4.75  | 2.00  | 2.64 | 5.50  | 1.50 | 3.00  | -    | -    | -    | -    | -                                            | 2                                             |
| 1414PHC <sup>1</sup>          | 1414PHCLP <sup>1</sup>         | 6.00  | 4.00  | 3.00  | 4.88  | 2.88  | 2.51  | 6.75  | 2.00  | 2.64 | 7.50  | 2.50 | 3.00  | 0.31 | 0.31 | 0.56 | 0.56 | 3                                            | 2                                             |
| 1414PHG                       | 1414PHGLP                      | 8.00  | 6.00  | 3.50  | 6.75  | 4.88  | 31.00 | 8.75  | 4.00  | 3.14 | 9.50  | 1.00 | 5.00  | 0.31 | 0.25 | 0.63 | 0.56 | 6                                            | 5                                             |
| 1414PHRG                      | 1414PHRGLP                     | 6.00  | 8.00  | 3.50  | 4.88  | 6.75  | 31.00 | 6.75  | 6.00  | 3.14 | 7.50  | 2.50 | 7.00  | 0.25 | 0.31 | 0.56 | 0.63 | 6                                            | 5                                             |
| -                             | 1414PHA4 <sup>1</sup>          | 4.00  | 4.00  | 4.00  | -     | -     | -     | 4.75  | 2.00  | 3.64 | 5.50  | 1.50 | 3.00  | -    | -    | -    | -    | -                                            | 3                                             |
| 1414PHC4 <sup>1</sup>         | 1414PHC4LP <sup>1</sup>        | 6.00  | 4.00  | 4.00  | 4.88  | 2.88  | 3.51  | 6.75  | 2.00  | 3.64 | 7.50  | 2.50 | 3.00  | 0.31 | 0.31 | 0.56 | 0.56 | 4                                            | 3                                             |
| 1414PHE                       | 1414PHELP                      | 6.00  | 6.00  | 4.00  | 4.88  | 4.88  | 3.51  | 6.75  | 4.00  | 3.64 | 7.50  | 2.50 | 5.00  | 0.31 | 0.31 | 0.56 | 0.56 | 5                                            | 4                                             |
| 1414PHH4                      | 1414PHH4LP                     | 8.00  | 8.00  | 4.00  | 6.75  | 6.88  | 3.51  | 8.75  | 6.00  | 3.64 | 9.50  | 1.00 | 7.00  | 0.31 | 0.25 | 0.63 | 0.56 | 8                                            | 7                                             |
| 1414PHI                       | 1414PHILP                      | 10.00 | 8.00  | 4.00  | 8.75  | 6.88  | 3.51  | 1.75  | 6.00  | 3.64 | 11.50 | 1.00 | 7.00  | 0.31 | 0.25 | 0.63 | 0.56 | 1                                            | 8                                             |
| 1414PHRI                      | 1414PHRILP                     | 8.00  | 10.00 | 4.00  | 6.88  | 8.75  | 3.51  | 8.75  | 8.00  | 3.64 | 9.50  | 1.00 | 9.00  | 0.25 | 0.31 | 0.56 | 0.63 | 1                                            | 8                                             |
| 1414PHKC4                     | 1414PHKC4LP                    | 12.00 | 6.00  | 4.00  | 10.75 | 4.88  | 3.51  | 12.75 | 4.00  | 3.64 | 13.50 | 1.00 | 5.00  | 0.31 | 0.25 | 0.63 | 0.56 | 10                                           | 8                                             |
| 1414PHK                       | 1414PHKLP                      | 12.00 | 10.00 | 5.00  | 10.75 | 8.88  | 4.51  | 12.75 | 8.00  | 4.64 | 13.50 | 1.00 | 9.00  | 0.31 | 0.25 | 0.63 | 0.56 | 13                                           | 10                                            |
| 1414PHRK                      | 1414PHRKLP                     | 10.00 | 12.00 | 5.00  | 8.88  | 10.75 | 4.51  | 1.75  | 10.00 | 4.64 | 11.50 | 1.00 | 11.00 | 0.25 | 0.31 | 0.56 | 0.63 | 13                                           | 12                                            |
| 1414PHG6                      | 1414PHG6LP                     | 8.00  | 6.00  | 6.00  | 6.75  | 4.88  | 5.51  | 8.75  | 4.00  | 5.64 | 9.50  | 1.00 | 5.00  | 0.31 | 0.25 | 0.63 | 0.56 | 8                                            | 7                                             |
| 1414PHI6                      | 1414PHI6LP                     | 10.00 | 8.00  | 6.00  | 8.75  | 6.88  | 5.51  | 1.75  | 6.00  | 5.64 | 11.50 | 1.00 | 7.00  | 0.31 | 0.25 | 0.63 | 0.56 | 12                                           | 10                                            |
| 1414PHJ6                      | 1414PHJ6LP                     | 10.00 | 10.00 | 6.00  | 8.75  | 8.88  | 5.51  | 1.75  | 8.00  | 5.64 | 11.50 | 1.00 | 9.00  | 0.31 | 0.25 | 0.63 | 0.56 | 14                                           | 12                                            |
| 1414PHL6                      | 1414PHL6LP                     | 12.00 | 12.00 | 6.00  | 10.75 | 10.88 | 5.51  | 12.75 | 10.00 | 5.64 | 13.50 | 1.00 | 11.00 | 0.31 | 0.25 | 0.63 | 0.56 | 17                                           | 15                                            |
| 1414PHMH6                     | 1414PHMH6LP                    | 14.00 | 8.00  | 6.00  | 12.75 | 6.88  | 5.51  | 14.75 | 6.00  | 5.64 | 15.50 | 1.00 | 7.00  | 0.31 | 0.25 | 0.63 | 0.56 | 12                                           | 10                                            |
| 1414PHM6                      | 1414PHM6LP                     | 14.00 | 12.00 | 6.00  | 12.75 | 10.88 | 5.51  | 14.75 | 10.00 | 5.64 | 15.50 | 1.00 | 11.00 | 0.31 | 0.25 | 0.63 | 0.56 | 19                                           | 17                                            |
| 1414PHRM6                     | 1414PHRM6LP                    | 12.00 | 14.00 | 6.00  | 10.88 | 12.75 | 5.51  | 12.75 | 12.00 | 5.64 | 13.50 | 1.00 | 13.00 | 0.25 | 0.31 | 0.56 | 0.63 | 19                                           | 17                                            |
| 1414PHN6                      | 1414PHN6LP                     | 16.00 | 10.00 | 6.00  | 14.75 | 8.88  | 5.51  | 16.75 | 8.00  | 5.64 | 17.50 | 1.00 | 9.00  | 0.31 | 0.25 | 0.63 | 0.56 | 18                                           | 15                                            |
| 1414PHO6                      | 1414PHO6LP                     | 16.00 | 14.00 | 6.00  | 14.75 | 12.88 | 5.51  | 16.75 | 12.00 | 5.64 | 17.50 | 1.00 | 13.00 | 0.31 | 0.25 | 0.63 | 0.56 | 23                                           | 21                                            |
| 1414PHRO6                     | 1414PHRO6LP                    | 14.00 | 16.00 | 6.00  | 12.88 | 14.75 | 5.51  | 14.75 | 14.00 | 5.64 | 15.50 | 1.00 | 15.00 | 0.25 | 0.31 | 0.56 | 0.63 | 23                                           | 21                                            |
| 1414PHK8                      | 1414PHK8LP                     | 12.00 | 10.00 | 8.00  | 10.75 | 8.88  | 7.51  | 12.75 | 8.00  | 7.64 | 13.50 | 1.00 | 9.00  | 0.31 | 0.25 | 0.63 | 0.56 | 18                                           | 15                                            |
| 1414PHM8                      | 1414PHM8LP                     | 14.00 | 12.00 | 8.00  | 12.75 | 10.88 | 7.51  | 14.75 | 10.00 | 7.64 | 15.50 | 1.00 | 11.00 | 0.31 | 0.25 | 0.63 | 0.56 | 20                                           | 18                                            |
| 1414PHO8                      | 1414PHO8LP                     | 16.00 | 14.00 | 8.00  | 14.75 | 12.88 | 7.51  | 16.75 | 12.00 | 7.64 | 17.50 | 1.00 | 13.00 | 0.31 | 0.25 | 0.63 | 0.56 | 25                                           | 22                                            |
| 1414PHO10                     | 1414PHO10LP                    | 16.00 | 14.00 | 10.00 | 14.75 | 12.88 | 9.51  | 16.75 | 12.00 | 9.64 | 17.50 | 1.00 | 13.00 | 0.31 | 0.25 | 0.63 | 0.56 | 26                                           | 23                                            |

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

*Data subject to change without notice*

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