

# 1414 N4 PH Series Enclosures - NEMA 4, 12, 13

Continuous Hinge, Clamped Cover

Industrial Enclosures



**Inner  
Panel  
Included**



Junction Boxes

## 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

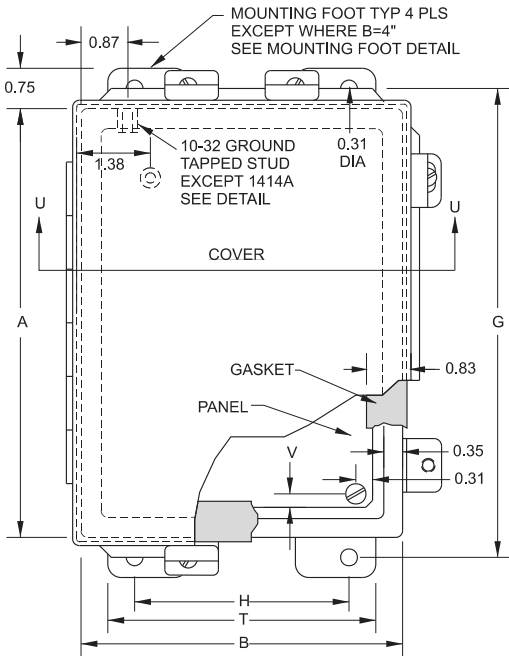
- Cover and enclosure are phosphatized, finished in recoatable smooth ANSI 61 gray powder coating.
- Removable inner panel is finished in white powder coating.

## Accessories

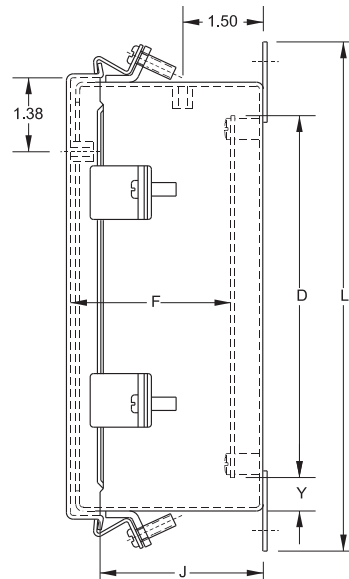
- Additional inner panels...*see page 436*
- Breather kits...*see page 400-401*
- Door clamping hardware  
...*see page 429*
- Filter fans...*see page 371-384*
- Heaters...*see page 393-396*
- Louvered ventilating plates  
...*see page 402*
- Terminal kit assemblies  
...*see page 441*
- Thermostats...*see page 397*
- Swing panel...*see page 440*

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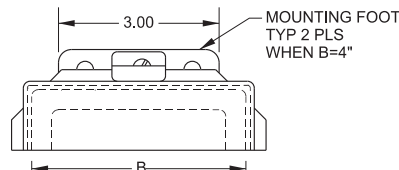
Continuous Hinge, Clamped Cover



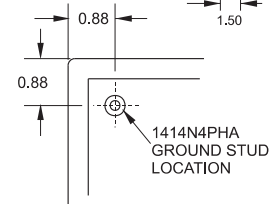
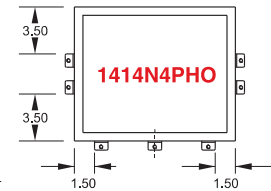
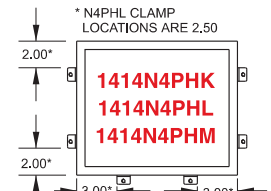
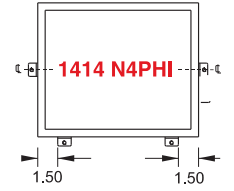
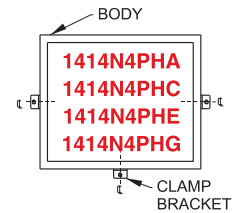
**Front View**



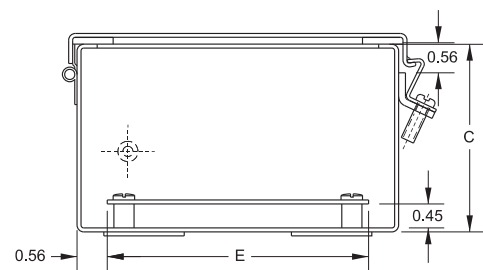
**Side View**



**Mounting Foot Detail When B=4**



**Ground stud location for 1414N4PHA**



**Cross Section U-U**

Part No.	Part No. without Inner Panel	Panel Dimensions										Cover Dimensions				Ship wt. with Panel	Ship wt. w/o Panel	
		A	B	C	D	E	F	G	H	J	L	T	V	Y				
—	1414N4PHA <sup>1</sup>	4	4	3.0	—	—	—	4.75	2	2.6	5.5	4.31	4.31	3	—	—	—	1
1414N4PHC <sup>1</sup>	1414N4PHCLP <sup>1</sup>	6	4	3.0	4.88	2.88	2.5	6.75	2	2.6	7.5	6.31	4.31	3	.31	.56	3	2
1414N4PHG	1414N4PHGLP	8	6	3.5	6.75	4.88	3.0	8.75	4	3.1	9.5	8.31	6.31	5	.25	.63	6	5
1414N4PHE	1414N4PHELP	6	6	4.0	4.88	4.88	3.5	6.75	4	3.6	7.5	6.31	6.31	5	.31	.56	5	4
1414N4PHI	1414N4PHILP	10	8	4.0	8.75	6.88	3.5	10.75	6	3.6	11.5	10.31	8.31	7	.25	.63	10	9
1414N4PHI6	1414N4PHI6LP	10	8	6.0	8.75	6.88	5.5	10.75	6	5.6	11.5	10.31	8.31	7	.25	.63	12	11
1414N4PHK	1414N4PHKLP	12	10	5.0	10.75	8.88	4.5	12.75	8	4.6	13.5	12.31	10.31	9	.25	.63	15	14
1414N4PHL6	1414N4PHL6LP	12	12	6.0	10.75	10.88	5.5	12.75	10	5.6	13.5	12.31	12.31	11	.25	.63	25	24
1414N4PHM6	1414N4PHM6LP	14	12	6.0	12.75	10.88	5.5	14.75	10	5.6	15.5	14.31	12.31	11	.25	.63	21	20
1414N4PHO6	1414N4PHO6LP	16	14	6.0	14.75	12.88	5.5	16.75	12	5.6	17.5	16.31	14.31	13	.25	.63	26	24
1414N4PHM8	1414N4PHM8LP	14	12	8.0	12.75	10.88	7.5	14.75	10	7.6	15.5	14.31	12.31	11	.25	.63	22	20
1414N4PHO10	1414N4PHO10LP	16	14	10.0	14.75	12.88	9.5	16.75	12	9.6	17.5	16.31	14.31	13	.25	.63	28	26

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