

# Continuous Hinge Type 4 CHNF Boxes



## Application

Intended for indoor or outdoor use as electrical junction boxes, terminal wiring boxes, and instrument housings. Hinged doors provide convenient access. Suitable for indoor or outdoor use, wherever protection from dust, dirt, oil, or hose-directed water is essential.

## Construction

- 16 gauge or 14 gauge steel (see table)
- Seams continuously welded and ground smooth, no holes or knockouts
- Stainless steel clamps on three sides of door assure watertight seal
- Heavy gauge continuous hinge
- Door removed by pulling stainless steel hinge pin
- Oil-resistant gasket and adhesive
- Weldnuts provided for mounting optional panels and terminal block kits in size 6.00 x 4.00 in. (152 x 102mm) and larger
- Bonding provision on door
- External wall-mounting brackets

## Finish

ANSI 61 gray polyester powder paint inside and out over phosphatized surfaces. Optional panels are white.

## Industry Standards

UL 50, File No. E27567: Type 4, Type 12, and Type 13  
 UL 508A, 508, File No. E61997: Type 4, Type 12, and Type 13  
 NEMA/EEMAC Type 4, Type 12, and Type 13  
 JIC standard EGP-1-1967 (14 gauge only)  
 CSA, File No. LL42184, Type 4 and Type 12  
 IEC 60529, IP66

## Accessories

See Chapter 12, General Accessories.

- Clamp Kit
- Corrosion Inhibitors
- DIN3 Rails
- DIN Rail Brackets
- Electrical Interlocks
- Fast Operating Junction Clamp
- Lock Kit
- Panels (see table)
- Swing-Out Panel Kit
- Terminal Block Kit Assembly
- Touch-Up Paint (ATPPY61)
- Window Kit

## Modification Services Program

You can customize this product to your unique requirements by specifying from these options:

- Over 100 standard finish colors and textures
- Holes and cutouts in body, doors, subpanels
- Tapped holes, fasteners in enclosure or subpanel
- Mounting
- Doors
- Windows
- Standard accessories

For details, see Modification Services at [www.hoffmanonline.com](http://www.hoffmanonline.com).

To order, contact your local Hoffman sales representative.

NOTE: For information about modifications outside the scope of the Modification Services program, contact your Hoffman sales representative.

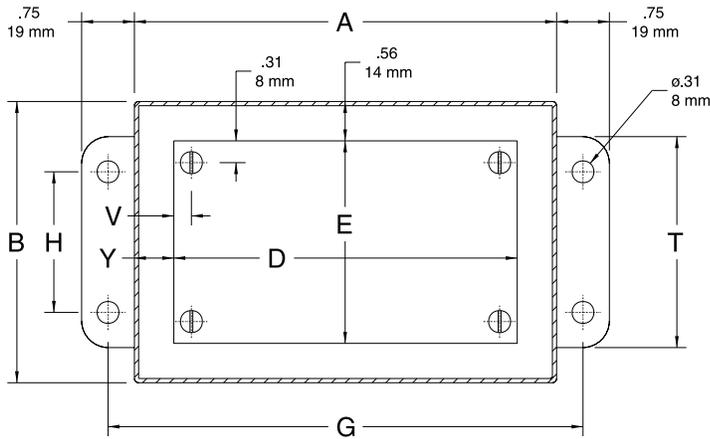
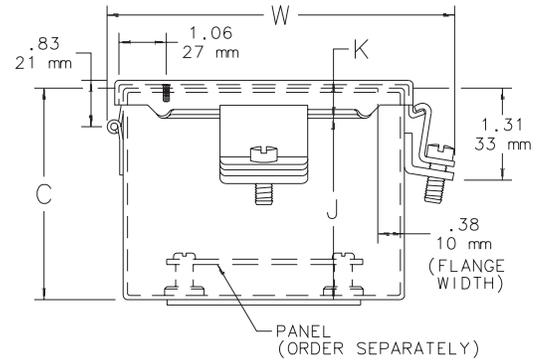
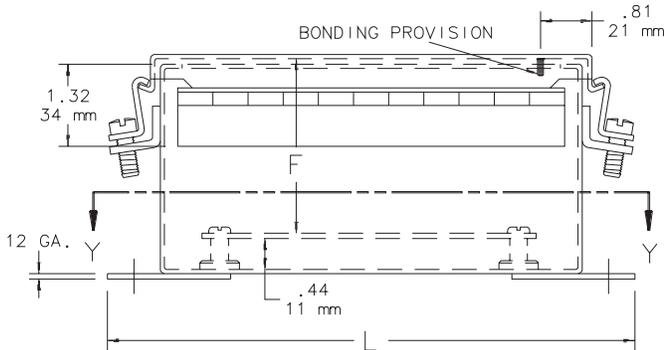
## Standard Sizes Continuous Hinge Type 4 CHNF Boxes

Box Catalog Number	Gauge	Box Size A x B x C	* Panel Catalog Number	Panel Size D x E	Mounting G x H	Overall L x W	F	J	K	M	N	T	V	Y
‡ A404CHNF	16	4.00 x 4.00 x 3.00 (102 x 102 x 76)	No Panel	No Panel	4.75 x 2.00 (121 x 51)	5.50 x 4.94 (140 x 125)	—	2.62 (66)	0.54 (14)	1.38 (35)	1.38 (35)	3.00 (76)	—	—
‡ A604CHNF	16	6.00 x 4.00 x 3.00 (152 x 102 x 76)	A6P4	4.88 x 2.88 (124 x 73)	6.75 x 2.00 (171 x 51)	7.50 x 4.94 (191 x 125)	2.53 (64)	2.62 (66)	0.54 (14)	1.38 (35)	2.38 (60)	3.00 (76)	0.31 (8)	0.56 (14)
A806CHNF	14	8.00 x 6.00 x 3.50 (203 x 152 x 89)	A8P6	6.75 x 4.88 (171 x 124)	8.75 x 4.00 (222 x 102)	9.50 x 6.94 (241 x 176)	3.03 (77)	3.12 (79)	0.56 (14)	2.38 (60)	3.38 (86)	5.00 (127)	0.25 (6)	0.62 (16)
A606CHNF	16	6.00 x 6.00 x 4.00 (152 x 152 x 102)	A6P6	4.88 x 4.88 (124 x 124)	6.75 x 4.00 (171 x 102)	7.50 x 6.94 (191 x 176)	3.53 (90)	3.62 (92)	0.54 (14)	2.38 (60)	2.38 (60)	5.00 (127)	0.31 (8)	0.56 (14)
A1008CHNF	14	10.00 x 8.00 x 4.00 (254 x 203 x 102)	A10P8	8.75 x 6.88 (222 x 175)	10.75 x 6.00 (273 x 152)	11.50 x 8.94 (292 x 227)	3.53 (90)	3.62 (92)	0.56 (14)	3.38 (86)	1.50 (38)	7.00 (178)	0.25 (6)	0.62 (16)
A1210CHNF	14	12.00 x 10.00 x 5.00 (305 x 254 x 127)	A12P10	10.75 x 8.88 (273 x 225)	12.75 x 8.00 (324 x 203)	13.50 x 10.94 (343 x 278)	4.53 (115)	4.62 (117)	0.56 (14)	2.00 (51)	3.00 (76)	9.00 (229)	0.25 (6)	0.62 (16)
A10086CHNF	14	10.00 x 8.00 x 6.00 (254 x 203 x 152)	A10P8	8.75 x 6.88 (222 x 175)	10.75 x 6.00 (273 x 152)	11.50 x 8.94 (292 x 227)	5.53 (140)	5.62 (143)	0.56 (14)	3.38 (86)	1.50 (38)	7.00 (178)	0.25 (6)	0.62 (16)
A1212CHNF	14	12.00 x 12.00 x 6.00 (305 x 305 x 152)	A12P12	10.75 x 10.88 (273 x 276)	12.75 x 10.00 (324 x 254)	13.50 x 12.94 (343 x 329)	5.53 (140)	5.62 (143)	0.56 (14)	2.50 (64)	2.50 (64)	11.00 (279)	0.25 (6)	0.62 (16)
A1412CHNF	14	14.00 x 12.00 x 6.00 (356 x 305 x 152)	A14P12	12.75 x 10.88 (324 x 276)	14.75 x 10.00 (375 x 254)	15.50 x 12.94 (394 x 329)	5.53 (140)	5.62 (143)	0.56 (14)	2.00 (51)	3.00 (76)	11.00 (279)	0.25 (6)	0.62 (16)
A1614CHNF	14	16.00 x 14.00 x 6.00 (406 x 356 x 152)	A16P14	14.75 x 12.88 (375 x 327)	16.75 x 12.00 (425 x 305)	17.50 x 14.94 (445 x 379)	5.53 (140)	5.62 (143)	0.56 (14)	3.50 (89)	1.50 (38)	13.00 (330)	0.25 (6)	0.62 (16)

Millimeter dimensions ( ) are for reference only; do not convert metric dimensions to inch.

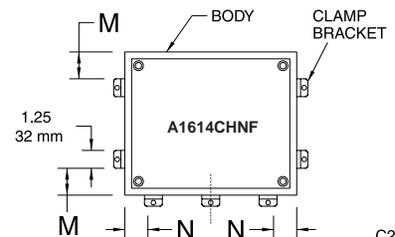
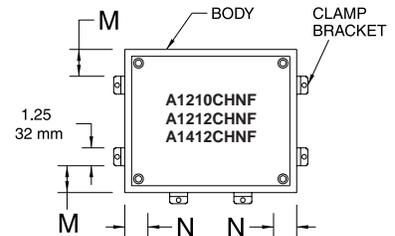
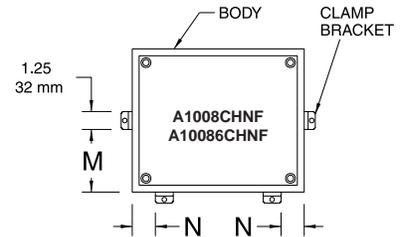
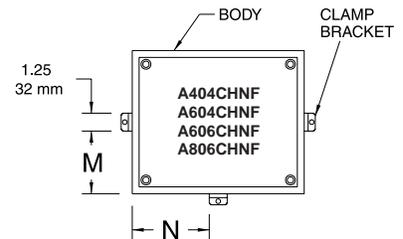
\* Panels must be ordered separately. Optional stainless steel, zinc-plated, composite, and aluminum panels are also available for most sizes. See Chapter 12, General Accessories.

‡ UL 508.



NOTES: 1. Optional panels are 14 gauge steel.  
2. Panel screws are #10-32 pan head.

**Clamp Bracket Locations**



C2478