



A Pentair Company

Stainless Steel Continuous Hinge Type 4X CHNFSS Junction Boxes



NEMA/EEMAC Type 3R, Type 4, Type 4X, Type 12, and Type 13
JIC standard EGP-I-1967
CSA File No. LL42184: Type 4, Type 4X, and Type 12
IEC 60529, IP66
Meets Type 3RX requirements

Accessories

See Chapter 12, General Accessories.

Corrosion Inhibitors
Fast Operating Junction Box Clamp
Lock Kit
Panels (see table)
Swing-Out Panel Kit
Terminal Block Kit Assembly
Window Kit

Modification Services Program

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

- Enclosure height, width, depth
- Holes and cutouts in body, doors, subpanels
- Tapped holes in subpanels
- Fasteners, mounting channel in enclosure and subpanel
- Mounting (adds and deletes)
- Doors
- Subpanels
- Windows
- Standard accessories

For details, see Modification Services at hoffmanonline.com.

To order, contact your local Hoffman sales representative.

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

Application

Provides unmatched protection for housing electrical components in highly corrosive environments. This enclosure is used in indoor and outdoor settings that are frequently wet or have constant exposure to water, other liquids, or contaminants.

Construction

- 16 or 14 gauge Type 304 or Type 316L stainless steel
- Seams continuously welded and ground smooth, no holes or knockouts
- Seamless foam-in-place gasket assures watertight and dust-tight seal

See Chapter 11, EMC Enclosures, for information on a related EMC-shielded product.

- Stainless steel screws and clamps assure watertight seal
- Door removed by pulling stainless steel continuous hinge pin
- Weldnuts provided for mounting optional panels and terminal block kits

Finish

Enclosures are unpainted. Cover and sides of body have smooth #4 brushed finish. Optional stainless steel panels are unpainted. Optional steel panels are white

Industry Standards

UL 50, File No. E27567: Type 3R, Type 4, Type 4X, and Type 12 (see table)
UL 508A, 508, File No. E61997: Type 3R, Type 4, Type 4X and Type 12 (see table)

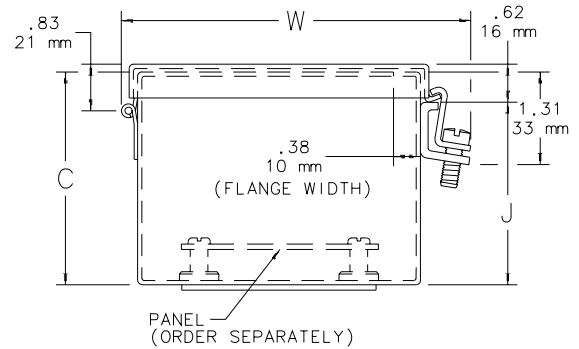
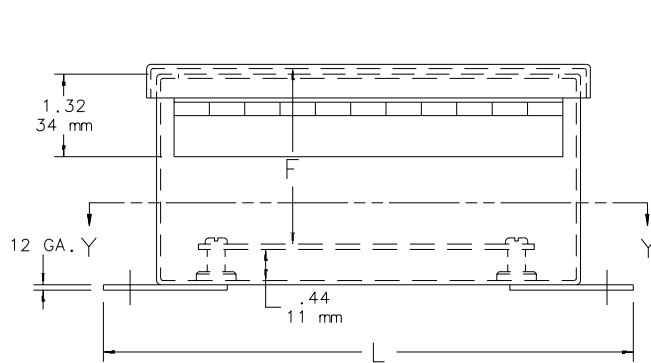
Standard Sizes Continuous Hinge Type 4X CHNFSS Junction Boxes

Box Catalog Number Type 304	Box Catalog Number Type 316L	Body Ga.	Cover Ga.	Box Size A x B x C	* Stainless Steel Panel Catalog Number	* Steel Panel Catalog Number	Panel Size D x E	Mounting G x H	Overall L x W	F	J	N	T	V	Y
■ A6044CHNFSS	■ A6044CHNFSS6	16	16	6.00 x 4.00 x 4.00 (152 x 102 x 102)	A6P4SS	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)	3.50 (89)	3.62 (92)	2.38 (60)	3.00 (76)	0.31 (8)	0.56 (14)
□ A606CHNFSS	□ A606CHNFSS6	16	16	6.00 x 6.00 x 4.00 (152 x 152 x 102)	A6P6SS	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)	3.50 (89)	3.62 (92)	2.38 (60)	5.00 (127)	0.31 (8)	0.56 (14)
□ A8064CHNFSS	□ A8064CHNFSS6	14	16	8.00 x 6.00 x 4.00 (203 x 152 x 102)	A8P6SS	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)	3.50 (89)	3.62 (92)	1.38 (35)	1.38 (127)	0.25 (6)	0.62 (16)
□ A1008CHNFSS	□ A1008CHNFSS6	14	16	10.00 x 8.00 x 4.00 (254 x 203 x 102)	A10P8SS	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)	3.50 (89)	3.62 (92)	1.38 (35)	7.00 (178)	0.25 (6)	0.62 (16)
□ A12106CHNFSS	□ A12106CHNFSS6	14	16	12.00 x 10.00 x 6.00 (305 x 254 x 152)	A12P10SS	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)	5.50 (140)	5.62 (143)	2.38 (60)	9.00 (229)	0.25 (6)	0.62 (16)
□ A1212CHNFSS	□ A1212CHNFSS6	14	16	12.00 x 12.00 x 6.00 (305 x 305 x 152)	A12P12SS	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)	5.50 (140)	5.62 (143)	2.38 (60)	11.00 (279)	0.25 (6)	0.62 (16)
□ A1412CHNFSS	□ A1412CHNFSS6	14	16	14.00 x 12.00 x 6.00 (356 x 305 x 152)	A14P12SS	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)	5.50 (140)	5.62 (143)	2.38 (60)	11.00 (279)	0.25 (6)	0.62 (16)
□ A1614CHNFSS	□ A1614CHNFSS6	14	16	16.00 x 14.00 x 6.00 (406 x 356 x 152)	A16P14SS	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)	5.50 (140)	5.62 (143)	2.38 (60)	13.00 (330)	0.25 (6)	0.62 (16)

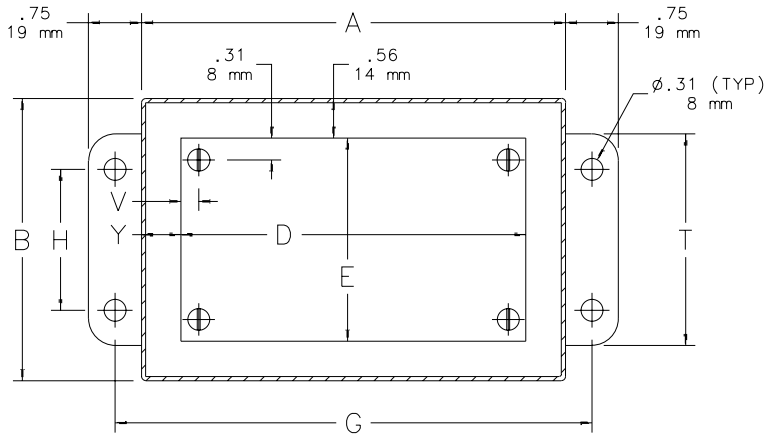
Millimeter dimensions () are for reference only; do not convert metric dimensions to inch.

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

□ UL 50 ■ UL 508A, 508

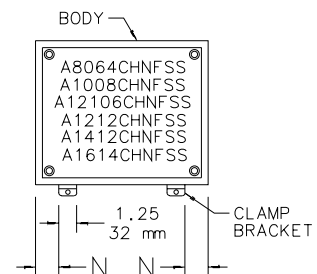
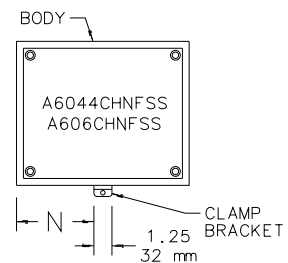


NOTE: 1. Optional panels are 14 gauge steel or stainless steel.
2. Panel screws are #10-32 pan head.



SECTION Y-Y

Clamp Bracket Locations



C2540