

Continuous Hinge CH Boxes



- Bonding provision on door
- External wall-mounting brackets
- 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

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 12, and Type 13
UL 508A, 508, File No. E61997: Type 12 and Type 13
NEMA/EMAC Type 12, and Type 13
JIC standard EGP-1-1967 (14 gauge only)
CSA, File No. LL42184, Type 12
IEC 60529, IP65

Accessories

See Chapter 12, General Accessories.

Clamp Kit
Corrosion Inhibitors
DIN3 Rails
DIN Rail Brackets
Fan Cooling Products

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 hole, fasteners, in enclosure or subpanel
- Mounting
- Doors
- Windows
- Standard accessories

For details, see Modification Services at 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.

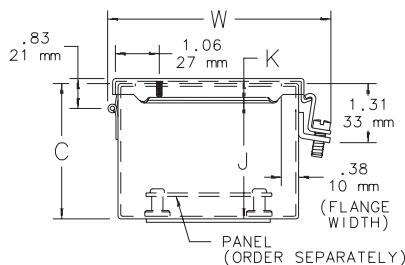
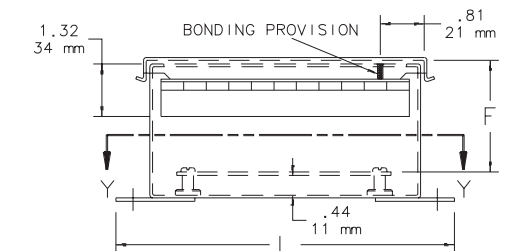
Application

Designed for use as electrical junction boxes, terminal wiring boxes, and instrument housings. Hinged doors provide convenient access. Boxes provide protection from dust, dirt, oil, and water.

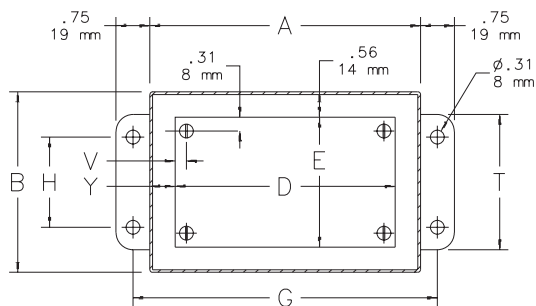
Construction

- 16 gauge or 14 gauge steel (see table)
- Seams continuously welded and ground smooth, no holes or knockouts
- Continuous hinge
- External screw clamps are quick and easy to operate

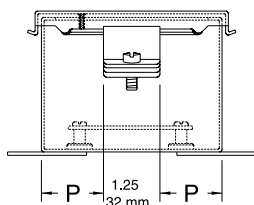
See Chapter 11, EMC Enclosures, for information on a related EMC-shielded product.



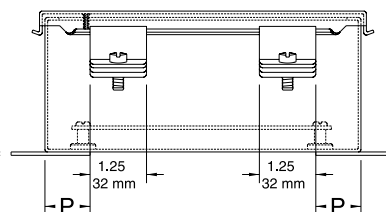
- NOTES: 1. Optional panels are 14 gauge steel.
2. Panel screws are #10-32 pan head.



SECTION Y-Y



12 GA



C2476

View showing clamp end of box when one clamp is used.

View showing clamp end of box when two clamps are used. When A=8.00 in. (203mm) or more, use two clamps.

**Standard Sizes Continuous Hinge CH 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	P	T	V	Y
‡A404CH	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)	3.00 (76)	—	—
‡A604CH	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)	2.38 (60)	3.00 (76)	0.31 (8)	0.56 (14)
A806CH	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)	1.00 (25)	5.00 (127)	0.25 (6)	0.62 (16)
‡A4044CH	16	4.00 x 4.00 x 4.00 (102 x 102 x 102)	No Panel	No Panel	4.75 x 2.00 (121 x 51)	5.50 x 4.94 (140 x 125)	—	3.62 (92)	0.54 (14)	1.38 (35)	3.00 (76)	—	—
‡A6044CH	16	6.00 x 4.00 x 4.00 (152 x 102 x 102)	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)	3.53 (90)	3.62 (92)	0.54 (14)	2.38 (60)	3.00 (76)	0.31 (8)	0.56 (14)
A606CH	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)	5.00 (127)	0.31 (8)	0.56 (14)
A808CH	14	8.00 x 8.00 x 4.00 (203 x 203 x 102)	A8P8	6.75 x 6.88 (171 x 175)	8.75 x 6.00 (222 x 152)	9.50 x 8.94 (241 x 227)	3.53 (90)	3.62 (92)	0.56 (14)	1.00 (25)	7.00 (178)	0.25 (6)	0.62 (16)
A1008CH	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)	1.00 (25)	7.00 (178)	0.25 (6)	0.62 (16)
A1008CHS†	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)	1.00 (25)	7.00 (178)	0.25 (6)	0.62 (16)
A12064CH	14	12.00 x 6.00 x 4.00 (305 x 152 x 102)	A12P6	10.75 x 4.88 (273 x 124)	12.75 x 4.00 (324 x 102)	13.50 x 6.94 (343 x 176)	3.53 (90)	3.62 (92)	0.56 (14)	1.00 (25)	5.00 (127)	0.25 (6)	0.62 (16)
A1210CH	14	12.00 x 10.00 x 5.00 (305 x 254 x 127)	A12P10	10.75 x 8.88 (273 x 226)	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)	1.00 (25)	9.00 (229)	0.25 (6)	0.62 (16)
A1210CHS†	14	12.00 x 10.00 x 5.00 (305 x 254 x 127)	A12P10	10.75 x 8.88 (273 x 226)	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)	1.00 (25)	9.00 (229)	0.25 (6)	0.62 (16)
A8066CH	14	8.00 x 6.00 x 6.00 (203 x 152 x 152)	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)	5.53 (140)	5.62 (143)	0.56 (14)	1.00 (25)	5.00 (127)	0.25 (6)	0.62 (16)
A10086CH	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)	1.00 (25)	7.00 (178)	0.25 (6)	0.62 (16)
A10106CH	14	10.00 x 10.00 x 6.00 (254 x 2524 x 152)	A10P10	8.75 x 8.88 (222 x 226)	10.75 x 8.00 (273 x 203)	11.50 x 10.94 (292 x 278)	5.53 (140)	5.62 (143)	0.56 (14)	1.00 (25)	9.00 (229)	0.25 (6)	0.62 (16)
A1212CH	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)	1.00 (25)	11.00 (279)	0.25 (6)	0.62 (16)
A14086CH	14	14.00 x 8.00 x 6.00 (356 x 203 x 152)	A14P8	12.75 x 6.88 (324 x 175)	14.75 x 6.00 (375 x 152)	15.50 x 8.94 (394 x 227)	5.53 (140)	5.62 (143)	0.56 (14)	1.00 (25)	7.00 (178)	0.25 (6)	0.62 (16)
A1412CH	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)	1.00 (25)	11.00 (279)	0.25 (6)	0.62 (16)
A1412CHS†	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)	1.00 (25)	11.00 (279)	0.25 (6)	0.62 (16)
A16106CH	14	16.00 x 10.00 x 6.00 (406 x 254 x 152)	A16P10	14.75 x 8.88 (375 x 226)	16.75 x 8.00 (425 x 203)	17.50 x 10.94 (445 x 278)	5.53 (140)	5.62 (143)	0.56 (14)	1.00 (25)	9.00 (229)	0.25 (6)	0.62 (16)
A1614CH	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)	1.00 (25)	13.00 (330)	0.25 (6)	0.62 (16)
A1614CHS†	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)	1.00 (25)	13.00 (330)	0.25 (6)	0.62 (16)
A12108CH	14	12.00 x 10.00 x 8.00 (305 x 254 x 203)	A12P10	10.75 x 8.88 (273 x 226)	12.75 x 8.00 (324 x 203)	13.50 x 10.94 (343 x 278)	7.53 (191)	7.62 (194)	0.56 (14)	1.00 (25)	9.00 (229)	0.25 (6)	0.62 (16)
A14128CH	14	14.00 x 12.00 x 8.00 (356 x 305 x 203)	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)	7.53 (191)	7.62 (194)	0.56 (14)	1.00 (25)	11.00 (279)	0.25 (6)	0.62 (16)
A16148CH	14	16.00 x 14.00 x 8.00 (406 x 356 x 203)	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)	7.53 (191)	7.62 (194)	0.56 (14)	1.00 (25)	13.00 (330)	0.25 (6)	0.62 (16)
A161410CH	14	16.00 x 14.00 x 10.00 (406 x 356 x 254)	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)	9.53 (242)	9.62 (244)	0.56 (14)	1.00 (25)	13.00 (330)	0.25 (6)	0.62 (16)

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

† Catalog numbers ending in "S" are hinged on short side.

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

‡ UL 508.