

# EXB Cast Iron Junction Boxes

## Explosionproof, Dust-Ignitionproof. Integrally Cast Mounting Feet

Drilled and tapped openings 1/2" thru 6" as specified.

### NEC/CEC:

- Class I, Division 1 and 2, Group D
- Class II, Division 1 and 2 Groups E, F, G
- Class III

### Features

- Wide selection of sizes and locations for drilled and tapped openings.
- Extra wide, accurately ground mating surfaces with closely spaced stainless steel hex head cap screws assure a flame-tight joint.
- Provided with mounting lugs.

### Standard Materials

- Bodies and covers: cast iron

### Standard Finishes

- Hot-dip galvanized

### Options

- For factory installed hinges, add suffix **-HNG**.
- For factory installed mounting plate, add suffix **-WYM**
- Refer to *Junction Box Mounting Plate Information* for complete listing of available mounting plates.

### NEC/CEC Certifications and Compliances

- UL Standard: UL 886 (UL 1203)
- UL Listed: E85310
- CSA Standard: C22.2 No. 25, C22.2 No. 30
- CSA Certified: 020945



Nominal Inside Dimensions L x W x D mm (in)	Approximate Side Wall Thickness mm (in)	Maximum Conduit Size (Inches)	Catalog Number ①
101.6 x 101.6 x 101.6 (4 x 4 x 4)	11.9 (0.47)	2	EXB040404
152.4 x 152.4 x 101.6 (6 x 6 x 4)	16.0 (0.63)	2	EXB060604
203.2 x 152.4 x 101.6 (8 x 6 x 4)	16.0 (0.63)	2	EXB080604
203.2 x 152.4 x 152.4 (8 x 6 x 6)	16.0 (0.63)	3-1/2	EXB080606
203.2 x 203.2 x 101.6 (8 x 8 x 4)	16.0 (0.63)	2	EXB080804
203.2 x 203.2 x 152.4 (8 x 8 x 6)	16.0 (0.63)	3-1/2	EXB080806
245.0 x 203.2 x 152.4 (10 x 8 x 6)	16.0 (0.63)	3-1/2	EXB100806
254.0 x 203.2 x 203.2 (10 x 8 x 8)	16.0 (0.63)	5	EXB100808
254.0 x 254.0 x 152.4 (10 x 10 x 6)	16.0 (0.63)	3-1/2	EXB101006
254.0 x 254.0 x 203.2 (10 x 10 x 8)	16.0 (0.63)	5	EXB101008
304.8 x 203.2 x 101.6 (12 x 8 x 4)	16.0 (0.63)	2	EXB120804
304.8 x 304.8 x 152.4 (12 x 12 x 6)	17.5 (0.69)	3-1/2	EXB121206
304.8 x 304.8 x 203.2 (12 x 12 x 8)	17.5 (0.69)	5	EXB121208
304.8 x 304.8 x 304.8 (12 x 12 x 12)	17.5 (0.69)	6	EXB121212

① See EXB Ordering Information page for drilling and tapping options.

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 Class III

ENCLOSURES AND JUNCTION BOXES: NEC/CEC EXPLOSIONPROOF ENCLOSURES

Nom. Inside Dimensions LxWxD mm (in)	Approximate Side Wall Thickness mm (in)	Maximum Conduit Size	Catalog Number ①
457.2 x 304.8 x 152.4 (18 x 12 x 6)	20.6 (0.81)	3-1/2	EXB181206
457.2 x 304.8 x 203.2 (18 x 12 x 8)	20.6 (0.81)	5	EXB181208
457.2 x 457.2 x 152.4 (18 x 18 x 6)	20.6 (0.81)	3-1/2	EXB181806
457.2 x 457.2 x 203.2 (18 x 18 x 8)	20.6 (0.81)	5	EXB181808
609.9 x 457.2 x 203.2 (24 x 18 x 8)	23.9 (0.94)	6	EXB241808

**Hinges (Malleable Iron, Hot Dip Galvanized)**

EXB Box Size in mm (in)	Catalog Number	Number of Hinges per set
Up to 304.8 x 304.8 (12 x 12)	AHNG-22G	2
Up to 609.9 x 457.2 (24 x 18)	AHNG-23G	2
Up to 762.0 x 304.8 (30 x 12)	AHNG-24G	2
Larger than 762.0 x 304.8 (30 x 12)	AHNG-34G	3

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