

ATX™ JBEP Series Undrilled and Pre-Drilled, FRP Empty Junction Boxes

Increased Safety

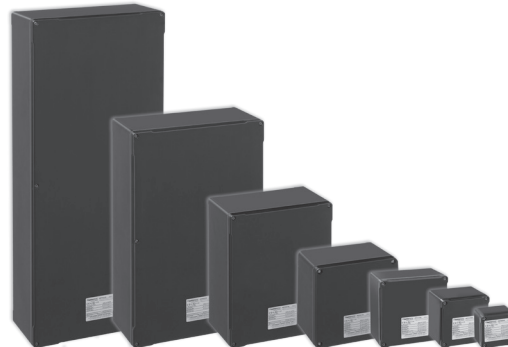
NEC/CEC: Class I, Zone 1, AEx e IIC, T5 or T6 | Ex e IIC, T5 or T6 | IP66 ①

ATEX/IECEx: Zones 1 and 2 – 21 and 22

Notable: INMETRO Certified

Applications

- Designed for Zones 1 or 2 areas, where flammable gases or vapors are present either continuously, often or accidentally such as:
 - Petroleum
 - Chemical
 - Refineries
 - Other industrial process facilities
- Ideal for indoor/outdoor use with wet or corrosive atmospheres.
- Designed for use in Zones 21 or 22 areas where flammables dusts (conductive and non conductive) are present either continuously, often or accidentally such as:
 - Food processing
 - Dairy
 - Brewing
 - Other industrial process facilities



Features

- Available in a wide range of sizes:
 - For armored or unarmored cable with appropriate ATEX/IECEx certified cable glands
 - For use with Mantle Clamping (Pillar Terminals) for use as instrumentation, electrical or power terminals
 - For use with a variety of connection and earth terminals
- Refer to the terminal tables to determine the permitted size and quantity of terminals.

INMETRO Certifications

- INMETRO Certificate: BVC13.3238-X

Related Products

- For information on the full range of ATEX/IECEx certified cable entries for use with armored and unarmored cable, refer to Cable Glands section.

Standard materials

- Enclosures: Static resistant carbon filled fiberglass reinforced polyester (FRP)
- Hardware: stainless steel
- Gasket: silicone

Options

- Nameplates
- Mounting pan
- Terminal rail
- Inside pocket for document
- Consult factory for custom drilling and assembly requirements.

ATEX/IECEx Certifications and Compliances ①

- Certification Type: JBEP
 - Gas, Zones 1 and 2:
 - Conforming to ATEX 2014/34/EU: Ⓢ II 2 G
 - Conforming to IECEx: EPL Gb
 - Type of Protection: Ex eb IIC, Ex eb ib IIC, Ex ia or ib IIC
 - Temperature Class: T6 ②
 - Dusts, Zones 21 and 22:
 - Conforming to ATEX 2014/34/EU: Ⓢ II 2 D
 - Conforming to IECEx: EPL Db
 - Type of Protection: Ex tb IIIC
 - Surface Temperature : T68 °C (T154.4 °F)
- Ambient Temperature: -55 °C à +55°C (-67 °F à +131 °F)
- ATEX Certificate: LCIE 12 ATEX 3037X
- IECEx Certificate: IECEx LCIE 13.0003X
- Index of Protection according EN/IEC 60529: IP66

① cCSAus certification available on special request only. Contact your local sales representative for more information.

② For different temperature classes and ambient temperatures consult your local representative.

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Catalog Numbering Guide - JBEP Undrilled and Pre-Drilled, Empty Junction Boxes

JBE	P	08	08	06	0	G
Series: JBE - ATEX/IECEx Certified Junction Box		Dimensions Height mm (in): 08 - 85 (3.35) 12 - 120 (4.72) 17 - 170 (6.69) 20 - 200 (7.87) 25 - 250 (9.84) 32 - 320 (12.60) 50 - 500 (19.69) 75 - 750 (29.53)		Dimensions Depth mm (in): 06 - 61 (2.36) 09 - 91 (3.58) 15 - 150 (5.91) 23 - 230 (9.06)		Options: <i>(Options must be listed alphabetically)</i> A - Earth continuity Brass Plate G - Cable Glands M - Mounting Pan HR - Horizontal DIN-Rail VR - Vertical DIN-Rail # - Customized at Factory
	Material: P - Polyester		Dimensions Width mm (in): 08 - 85 (3.35) 12 - 120 (4.72) 17 - 170 (6.69) 21 - 215 (8.46) 25 - 250 (9.84) 32 - 320 (12.60) 50 - 500 (19.69) 75 - 750 (29.53)		Gland Plates 0 - No Gland Plate	

Enclosures and Junction Boxes

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Ex eb IIC Polyester Enclosures

For use with Ex certified terminals only (not supplied). DIN-Rail not supplied.
For DIN Rail dimensions, see DIN Rail Sizes chart on following page.

	Model	Dimension - H x W x D mm (in)	Enclosure Weight kg (lbs)	Enclosure Volume dm³ (in³)	Shipping Carton Volume dm³ (in³)	Catalog Number
	JBEP1	85 x 85 x 61 (3.35 x 3.35 x 2.40)	0.38 (0.84)	0.43 (26.45)	1.35 (82.38)	JBEP0808060 ②
	JBEP2	120 x 120 x 91 (4.75 x 4.75 x 3.58)	0.75 (1.65)	1.31 (79.97)	1.98 (121.10)	JBEP121209S0
	JBEP3	170 x 170 x 91 (6.69 x 6.69 x 3.58)	1.32 (2.91)	2.63 (160.49)	4.04 (246.56)	JBEP1717090
	JBEP4	200 x 215 x 95 (7.87 x 8.47 x 3.74)	2.06 (4.54)	4.09 (249.28)	9.54 (582.17)	JBEP2021100
	JBEP5	200 x 215 x 145 (7.87 x 8.47 x 5.70)	2.67 (5.89)	6.45 (393.60)	9.54 (582.17)	JBEP2021150
	JBEP6	250 x 320 x 150 (9.84 x 12.60 x 5.91)	3.90 (8.60)	12.00 (732.28)	19.35 (1181.01)	JBEP2532150
		320 x 250 x 150 (12.60 x 9.84 x 5.91)	3.90 (8.60)	12.00 (732.28)	19.35 (1181.01)	JBEP3225150
	JBEP7	500 x 320 x 150 (19.69 x 12.60 x 5.91)	6.39 (14.00)	24.00 (1464.57)	71.63 (4371.33)	JBEP5032150
		320 x 500 x 150 (12.60 x 19.69 x 5.91)	6.39 (14.00)	24.00 (1464.57)	71.63 (4371.33)	JBEP3250150
		500 x 320 x 230 (19.69 x 12.60 x 9.06)	8.02 (17.68)	36.80 (2245.67)	71.63 (4371.33)	JBEP5032230
		320 x 500 x 230 (12.60 x 19.69 x 9.06)	8.02 (17.68)	36.80 (2245.67)	71.63 (4371.33)	JBEP3250230
	JBEP8	750 x 320 x 150 (29.53 x 12.60 x 5.91)	8.69 (19.16)	36.00 (2196.85)	46.41 (2831.84)	JBEP7532150
		320 x 750 x 150 (12.60 x 29.53 x 5.91)	8.69 (19.16)	36.00 (2196.85)	46.41 (2831.84)	JBEP3275150
		750 x 320 x 230 (29.53 x 12.60 x 9.06)	11.54 (25.44)	55.20 (3368.51)	82.13 (5011.76)	JBEP7532230
		320 x 750 x 230 (12.60 x 29.53 x 9.06)	11.54 (25.44)	55.20 (3368.51)	82.13 (5011.76)	JBEP3275230

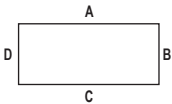
① cCSAus certification available on special request only. Contact your local sales representative for more information.
② Due to the small size of the JBEP0808060, the optional Laminated Plastic Nameplate for Engraving is not recommended for this enclosure.
The 85 x 85 x 60 mm (3.35 x 3.35 x 2.36 in) dimensions do not allow for mounting space beyond the factory adhered product label.

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Ex eb IIC Factory Drilled JBEP Polyester Junction Boxes
Equipped with One horizontal Symmetrical Zinc Plated Rail, Yellow Laminated Plastic Label with Black Lettering,
Internal Earth Terminal, and Earth Continuity Device.
For use with Ex terminals only (not supplied). Cable glands and plugs ordered separately.



	Model	Rail Length Capacity (mm)	Clearance Holes Per Side				Weight kg (lb)	Volume dm³ (in³)	Dimensions H x W x D mm (in)	Catalog Number
			A	B	C	D				
	JBEP1	41	—	1 x M20	1 x M20	1 x M20	0.42 (0.93)	0.44 (26.9)	85 x 85 x 60 (3.35 x 3.35 x 2.36)	JBEP080806003 ②
		41	1 x M20	1 x M20	1 x M20	1 x M20	0.42 (0.93)	0.44 (26.9)	85 x 85 x 60 (3.35 x 3.35 x 2.36)	JBEP080806004 ②
	JBEP2	73	—	1 x M20	1 x M20	1 x M20	0.85 (1.87)	1.31 (80.0)	120 x 120 x 91 (4.72 x 4.72 x 3.58)	JBEP121209003
		73	1 x M20	1 x M20	1 x M20	1 x M20	0.85 (1.87)	1.31 (80.0)	120 x 120 x 91 (4.72 x 4.72 x 3.58)	JBEP121209004
	JBEP3	122	1 x M20	1 x M20	1 x M20	1 x M20	1.54 (3.40)	2.65 (162.0)	170 x 170 x 91 (6.69 x 6.69 x 3.58)	JBEP171709004
		122	—	2 x M20	2 x M20	2 x M20	1.54 (3.40)	2.65 (162.0)	170 x 170 x 91 (6.69 x 6.69 x 3.58)	JBEP171709006
		122	1 x M25	1 x M25	1 x M25	1 x M25	1.54 (3.40)	2.65 (162.0)	170 x 170 x 91 (6.69 x 6.69 x 3.58)	JBEP171709014
		122	—	2 x M25	2 x M25	2 x M25	1.54 (3.40)	2.65 (162.0)	170 x 170 x 91 (6.69 x 6.69 x 3.58)	JBEP171709016

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The use of terminals, its brand name and quantity in a JBEP junction box model is strictly determined by certification and mandatory to follow. For each terminal cross section and type of terminals make a choice based on rated voltage, maximum current allowed and follow maximum terminals quantity allowed.

					T6 for -55 °C to +55 °C (-67 °C to +131 °F)							
Terminals					JBEP1		JBEP2		JBEP3		JBEP4	
					Imax: 69% Pmax: 1,71 W		Imax: 54% Pmax: 1,50W		Imax: 54% Pmax: 4,87 W		Imax: 46% Pmax: 3,91 W	
Terminal Cross Section	Manufacturer	Type	Wire Cross Section mm² (in²)	Rated Voltage	Maximum Current (A)	Terminals Maximum Quantity	Maximum Current (A)	Terminals Maximum Quantity	Maximum Current (A)	Terminals Maximum Quantity	Maximum Current (A)	Terminals Maximum Quantity
2.5	Weidmuller	WDU2,5	2.5 (0.0039)	690 V	16	5	12	6	12	16	11	13
	Weidmuller	ZDU2,5	2.5 (0.0039)	550 V	15	3	11	4	11	13	10	11
	Phoenix	UT2,5	2.5 (0.0039)	690 V	14	6	11	7	11	18	9	19
	Phoenix	PT2,5	2.5 (0.0039)	550 V	13	5	10	6	10	18	8	20
	Phoenix	MBK 3/E-Z	2.5 (0.0039)	275 V	14	6	11	6	11	17	9	18
	Wago	TOPJOB S 2002	2.5 (0.0039)	550 V	14	3	11	4	11	12	9	13
	Wago	TOPJOB S 2202	2.5 (0.0039)	550 V	15	3	11	5	11	14	10	12
4	Weidmuller	WDU4	4 (0.0062)	690 V	N/A	N/A	17	4	17	12	14	12
	Weidmuller	ZDU4	4 (0.0062)	550 V	N/A	N/A	15	3	12	10	12	11
	Phoenix	UT4	4 (0.0062)	690 V	N/A	N/A	16	5	16	14	13	14
6	Weidmuller	WDU6	6 (0.0093)	690 V	N/A	N/A	22	4	22	11	18	11
	Weidmuller	ZDU6	6 (0.0093)	550 V	N/A	N/A	21	2	21	7	17	8
	Phoenix	UT6	6 (0.0093)	690 V	N/A	N/A	21	4	21	11	18	11
10	Weidmuller	WDU10	10 (0.0155)	690 V	N/A	N/A	N/A	N/A	30	9	26	8
	Weidmuller	ZDU10	10 (0.0155)	690 V	N/A	N/A	N/A	N/A	27	6	23	6
	Phoenix	UT10	10 (0.0155)	690 V	N/A	N/A	N/A	N/A	29	9	24	9
16	Weidmuller	WDU16	16 (0.0248)	690 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Phoenix	UT16	16 (0.0248)	690 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Weidmuller	ZDU16	16 (0.0248)	690 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
35	Weidmuller	WDU35	35 (0.0543)	690 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Weidmuller	ZDU35	35 (0.0543)	690 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Phoenix	UT35	35 (0.0543)	690 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
50	Weidmuller	WDU50N	50 (0.0775)	690 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
70	Weidmuller	WDU70N	70 (0.1085)	690 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
120	Weidmuller	WDU95N/120N	95 (0.1473)	880 V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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The use of terminals, its brand name and quantity in a JBEP junction box model is strictly determined by certification and mandatory to follow. For each terminal cross section and type of terminals make a choice based on rated voltage, maximum current allowed and follow maximum terminals quantity allowed.

					T6 for -55 °C to +55 °C (-67 °C to +131 °F)							
Terminals					JBEP5		JBEP6		JBEP7		JBEP8	
					Imax: 54% Pmax: 9,49 W		Imax: 47% Pmax: 8,80 W		Imax: 46% Pmax: 16,67 W		Imax: 43% Pmax: 18,71 W	
Terminal Cross Section	Manufacturer	Type	Wire Cross Section mm² (in²)	Rated Voltage	Maximum Current (A)	Terminals Maximum Quantity	Maximum Current (A)	Terminals Maximum Quantity	Maximum Current (A)	Terminals Maximum Quantity	Maximum Current (A)	Terminals Maximum Quantity
2.5	Weidmuller	WDU2,5	2.5 (0.0039)	690 V	12	25	11	21	11	29	10	30
	Weidmuller	ZDU2,5	2.5 (0.0039)	550 V	11	22	10	20	10	29	9	32
	Phoenix	UT2,5	2.5 (0.0039)	690 V	11	29	9	32	9	43	9	37
	Phoenix	PT2,5	2.5 (0.0039)	550 V	10	30	8	35	8	49	8	43
	Phoenix	MBK 3/E-Z	2.5 (0.0039)	275 V	11	28	9	31	9	42	9	36
	Wago	TOPJOB S 2002	2.5 (0.0039)	550 V	11	20	9	23	9	34	9	31
	Wago	TOPJOB S 2202	2.5 (0.0039)	550 V	11	23	10	21	10	30	9	33
4	Weidmuller	WDU4	4 (0.0062)	690 V	17	19	15	18	14	28	13	28
	Weidmuller	ZDU4	4 (0.0062)	550 V	15	17	13	18	12	31	12	28
	Phoenix	UT4	4 (0.0062)	690 V	16	22	14	21	13	33	12	34
6	Weidmuller	WDU6	6 (0.0093)	690 V	22	17	19	17	18	25	17	25
	Weidmuller	ZDU6	6 (0.0093)	550 V	21	12	18	13	17	22	16	22
	Phoenix	UT6	6 (0.0093)	690 V	21	19	18	19	18	25	17	25
10	Weidmuller	WDU10	10 (0.0155)	690 V	30	14	26	14	26	19	24	20
	Weidmuller	ZDU10	10 (0.0155)	690 V	27	11	23	12	23	19	21	21
	Phoenix	UT10	10 (0.0155)	690 V	29	15	25	15	24	23	23	22
16	Weidmuller	WDU16	16 (0.0248)	690 V	41	11	35	11	34	17	32	17
	Phoenix	UT16	16 (0.0248)	690 V	39	12	34	12	33	18	31	18
	Weidmuller	ZDU16	16 (0.0248)	690 V	36	21	31	19	31	25	29	24
35	Weidmuller	WDU35	35 (0.0543)	690 V	62	8	54	9	52	14	49	14
	Weidmuller	ZDU35	35 (0.0543)	690 V	59	6	51	7	50	11	47	12
	Phoenix	UT35	35 (0.0543)	690 V	66	9	57	9	56	13	52	14
50	Weidmuller	WDU50N	50 (0.0775)	690 V	68	7	59	8	57	13	54	14
70	Weidmuller	WDU70N	70 (0.1085)	690 V	99	4	86	4	84	7	79	8
120	Weidmuller	WDU95N/120N	95 (0.1473)	880 V	119	3	103	4	101	6	95	7

Enclosures and Junction Boxes

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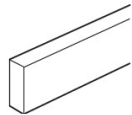
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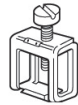
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Solid Copper Bar — Available in 1 Meter Length Pieces

Enclosure Catalog Number	Horizontal Bar	Vertical Bar	Catalog Number
	Length – mm	Length – mm	
Dimensions 10 x 3 mm (0.39 x 0.12 in), length is 1 meter (3.28 ft)			CB1M
JBEP1717090	128 (5.04)	90 (3.54)	
JBEP2021100	195 (3.74)	97 (3.82)	
JBEP2021150	195 (3.74)	97 (3.82)	
JBEP2532150	300 (11.81)	230 (9.06)	
JBEP3225150	230 (9.06)	300 (11.81)	
JBEP3250150	480 (18.90)	305 (12.01)	
JBEP3250230	480 (18.90)	305 (12.01)	
JBEP3275150	730 (28.74)	300 (11.81)	
JBEP3275230	730 (28.74)	300 (11.81)	
JBEP5032150	305 (12.01)	480 (18.90)	
JBEP5032230	305 (12.01)	480 (18.90)	
JBEP7532150	300 (11.81)	730 (28.74)	
JBEP7532230	300 (11.81)	730 (28.74)	



Cable Clamp for Copper Bar — Pack of 10 — 10 x 3 mm (0.394" x 0.118")

	Flexible	Solid	Catalog Number
	0.5 to 4 mm² (20AWG-10AWG)	6 mm² (10AWG)	CC6MM
	2.5 to 16 mm² (14AWG-4AWG)	16 mm² (4AWG)	CC16MM
	16 to 35 mm² (6AWG-1AWG)	50 mm² (1/0)	CC50MM

Spacer for Copper Bar — Supplied with Mounting Inserts

Description	Height - mm (in)	Catalog Number
Insulated	50 (1.97)	JBEP CBI
Non-Insulated	50 (1.97)	JBEP CBNI



Mounting Pan — Solid Galvanized Steel — Supplied with Screws

Enclosure Catalog Number	Dimensions - mm (in) Height x Width x Thickness	Catalog Number
JBEP121209S0	100 x 80 x 1 (3.94 x 3.15 x 0.04)	JBEP1008
JBEP0808060	46 x 75 x 1 (1.81 x 2.95 x 0.04)	JBEP0407
JBEP1717090	152 x 150 x 1 (5.98 x 5.91 x 0.04)	JBEP1515
JBEP2021100, JBEP2021150	185 x 170 x 1.5 (7.28 x 6.69 x 0.06)	JBEP1518
JBEP3225150, JBEP2532150	260 x 230 x 2 (10.2 x 9.06 x 0.08)	JBEP2623
JBEP3250150, JBEP3250230, JBEP5032150, JBEP5032230	480 x 260 x 2 (18.90 x 10.24 x 0.08)	JBEP4826
JBEP3275150, JBEP3275230, JBEP7532150, JBEP7532230	730 x 260 x 2 (28.74 x 10.24 x 0.08)	JBEP7326



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Mounting Screws — Self Tapping — Used for Mounting DIN Rails and Mounting Pan — Pack of 50

Description	Catalog Number
 Sheet metal screw with a drill point and a Phillips pan head	JBEPMS8

Earth Continuity Brass Plate — Thickness: 3.00 mm (0.12 in)

Enclosure Catalog Number	Side - mm (in)	Catalog Number	Bottom - mm (in)	Catalog Number
JBEP121209S0	58 x 44 (2.28 x 1.73)	JBEP02S	72 x 44 (2.83 x 1.73)	JBEP02B
JBEP1717090	105 x 65 (4.13 x 2.55)	JBEP05S	127 x 65 (5.00 x 2.56)	JBEP05B
JBEP2021100	105 x 65 (4.13 x 2.56)	JBEP06S	150 x 65 (5.90 x 2.56)	JBEP06B
JBEP2021150	105 x 105 (4.13 x 4.13)	JBEP07S	150 x 105 (5.90 x 4.13)	JBEP07B
JBEP2532150	150 x 116 (5.90 x 4.56)	JBEP08S	250 x 116 (9.84 x 4.57)	JBEP08B
JBEP3225150	250 x 116 (9.84 x 4.56)	JBEP10S	150 x 116 (5.91 x 4.57)	JBEP10B
JBEP3250150	250 x 116 (9.84 x 4.56)	JBEP11S	180 x 116 (7.09 x 4.57)	JBEP11B
JBEP3250230	250 x 196 (9.84 x 7.71)	JBEP16S	180 x 196 (7.09 x 7.72)	JBEP16B
JBEP3275150	250 x 116 (9.84 x 4.56)	JBEP12S	305 x 116 (12.00 x 4.57)	JBEP12B
JBEP3275230	250 x 196 (9.84 x 7.71)	JBEP17S	305 x 196 (12.00 x 7.72)	JBEP17B
JBEP5032150	180 x 116 (7.08 x 4.56)	JBEP09S	250 x 116 (9.84 x 4.57)	JBEP09B
JBEP5032230	180 x 196 (7.08 x 7.71)	JBEP13S	250 x 196 (9.84 x 7.72)	JBEP13B
JBEP7532150	305 x 116 (12.0 x 4.56)	JBEP14S	250 x 116 (9.84 x 4.57)	JBEP14B
JBEP7532230	305 x 196 (12.0 x 7.71)	JBEP15S	250 x 196 (9.84 x 7.72)	JBEP15B

① cCSAus certification available on special request only. Contact your local sales representative for more information.

ATX™ JBEP Series Undrilled and Pre-Drilled, FRP Empty Junction Boxes

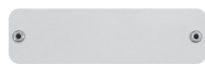
Increased Safety

NEC/CEC: Class I, Zone 1, AEx e IIC, T5 or T6 | Ex e IIC, T5 or T6 | IP66 ①
ATEX/IECEX: Zones 1 and 2 – 21 and 22
Notable: INMETRO Certified

Self Adhesive Pocket for Drawings — Set of 5, A4 Size

	External Dimensions - mm (in)	Internal Dimensions - mm (in)	Catalog Number
	260 x 165 (10 x 6)	230 x 130 x 18 (9 x 5 x 1)	JBEPSAP
	Set of 5 — Self adhesive plastic protective sleeve, Size A4.		JBEPSAPS

Laminated Plastic Nameplate for Engraving ②

	Description	Size - mm (in)	Catalog Number
	White color with black lettering, two (2) mounting rivets included	65 x 18 (2.56 x 0.709)	NPW
	Yellow color with black lettering, two (2) mounting rivets included	65 x 18 (2.56 x 0.709)	NPY

Feed-Thru Earth/Ground Terminal

	Description	Size	Catalog Number
	Stainless steel, complete with gasket washer, lock washers, nuts for internal and external cable connections	M8	JBEPET
	Set of 10 — Press fit, brass expansion insert	M5	JBEPExI

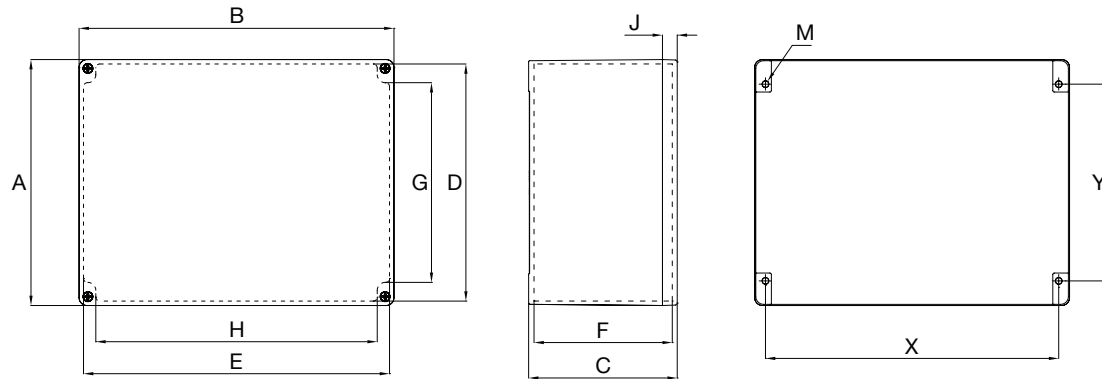
① cCSAus certification available on special request only. Contact your local sales representative for more information.
② Due to the size of JBEP0808060, optional Laminated Plastic Nameplate for Engraving is not recommended for this enclosure.
The 85 x 85 x 60 mm (3.35 x 3.35 x 2.36 in) dimensions do not allow for mounting space beyond the factory adhered product label.

ATX™ JBEP Series Undrilled and Pre-Drilled, FRP Empty Junction Boxes

Increased Safety

NEC/CEC: Class I, Zone 1, AEx e IIC, T5 or T6 | Ex e IIC, T5 or T6 | IP66 ①
ATEX/IECEx: Zones 1 and 2 – 21 and 22
Notable: INMETRO Certified

Dimensions in Millimeters (Inches) ②



Enclosure Catalog Number	External Dimension			Internal Dimensions					Cover	Body Thickness	Wall Fixing		M ③
	A	B	C	D	E	F	G	H	J		X	Y	
JBEP0808060	85 (3.346)	85 (3.346)	61 (2.402)	76.7 (3.020)	76.7 (3.020)	47 (1.850)	41 (1.614)	51 (2.008)	15 (0.591)	3.5 (0.138)	69 (2.717)	49 (1.929)	M4
JBEP121209S0	120 (4.724)	120 (4.724)	91 (3.583)	109.5 (4.311)	109.5 (4.311)	75 (2.953)	63 (4.528)	85 (3.346)	15 (0.591)	4.5 (0.177)	103 (4.055)	83 (3.268)	M5
JBEP1717090	170 (6.693)	170 (6.693)	91 (3.583)	158.5 (6.240)	158.5 (6.240)	72 (2.835)	112.5 (4.429)	137 (5.394)	15 (0.591)	4.5 (0.177)	153 (6.024)	131 (5.157)	M5
JBEP2021100	200 (7.874)	215 (8.465)	95 (3.740)	185.8 (7.315)	200.8 (7.906)	76 (2.992)	116 (4.567)	159 (6.260)	20 (0.787)	6.1 (0.240)	189 (7.441)	146 (5.748)	M6
JBEP2021150	200 (7.874)	215 (8.465)	145 (5.709)	185.8 (7.315)	200.8 (7.906)	122.5 (4.823)	114.8 (4.519)	159 (6.260)	20 (0.787)	6.1 (0.240)	189 (7.441)	146 (5.748)	M6
JBEP2532150	250 (9.843)	320 (12.598)	150 (5.906)	241 (9.488)	311 (12.244)	133.5 (5.256)	171 (6.732)	267 (10.512)	15 (0.591)	5 (0.197)	200 (7.874)	298 (11.732)	M6
JBEP3225150	320 (12.598)	250 (9.843)	150 (5.906)	311 (12.244)	241 (9.488)	133.5 (5.256)	267 (10.512)	171 (6.732)	15 (0.591)	5 (0.197)	298 (11.732)	200 (7.874)	M6
JBEP3250150	320 (12.598)	500 (19.685)	150 (5.906)	311 (12.244)	491 (19.331)	133.5 (5.256)	267 (10.512)	421 (16.575)	15 (0.591)	5 (0.197)	298 (11.732)	447 (17.598)	M6
JBEP3250230	320 (12.598)	500 (19.685)	230 (9.055)	311 (12.244)	491 (19.331)	213.5 (8.406)	267 (10.512)	421 (16.575)	15 (0.591)	5 (0.197)	298 (11.732)	447 (17.598)	M6
JBEP3275150	320 (12.598)	750 (29.528)	150 (5.906)	311 (12.244)	741 (29.173)	133.5 (5.256)	267 (10.512)	671 (26.417)	15 (0.591)	5 (0.197)	298 (11.732)	698 (27.480)	M6
JBEP3275230	320 (12.598)	750 (29.528)	230 (9.055)	311 (12.244)	741 (29.173)	213.5 (8.406)	267 (10.512)	671 (26.417)	15 (0.591)	5 (0.197)	298 (11.732)	698 (27.480)	M6
JBEP5032150	500 (19.685)	320 (12.598)	150 (5.906)	491 (19.331)	311 (12.244)	133.5 (5.256)	421 (16.575)	267 (10.512)	15 (0.591)	5 (0.197)	447 (17.598)	298 (11.732)	M6
JBEP5032230	500 (19.685)	320 (12.598)	230 (9.055)	491 (19.331)	311 (12.244)	213.5 (8.406)	421 (16.575)	267 (10.512)	15 (0.591)	5 (0.197)	447 (17.598)	298 (11.732)	M6
JBEP7532150	750 (29.528)	320 (12.598)	150 (5.906)	741 (29.173)	311 (12.244)	133.5 (5.256)	671 (26.417)	267 (10.512)	15 (0.591)	5 (0.197)	298 (11.732)	698 (27.480)	M6
JBEP7532230	750 (29.528)	320 (12.598)	230 (9.055)	741 (29.173)	311 (12.244)	213.5 (8.406)	671 (26.417)	267 (10.512)	15 (0.591)	5 (0.197)	698 (27.480)	298 (11.732)	M6

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② Wall fixing screw diameter 5 mm (0.20"). Wall fixing screw hole 6 mm (0.24").

③ Screw to be used for mounting box.