

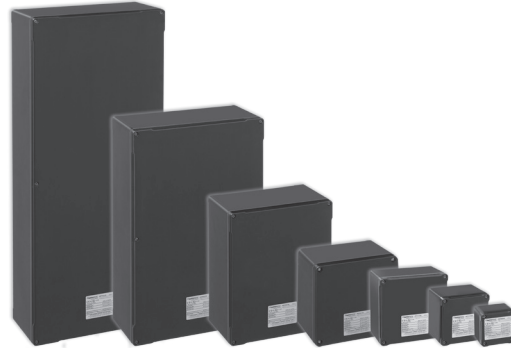
ATX™ JBEP Series Undrilled and Pre-Drilled, FRP Empty Junction Boxes

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 ia 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

<p>JBE</p> <p> </p> <p>Series: JBE - ATEX/IECEX Certified Junction Box</p>	<p>P</p> <p> </p> <p>Material: P - Polyester</p>	<p>08</p> <p> </p> <p>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)</p>	<p>08</p> <p> </p> <p>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)</p>	<p>06</p> <p> </p> <p>Dimensions Depth mm (in): 06 - 61 (2.36) 09 - 91 (3.58) 15 - 150 (5.91) 23 - 230 (9.06)</p>	<p>0</p> <p> </p> <p>Gland Plates 0 - No Gland Plate</p>	<p>G</p> <p> </p> <p>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</p>
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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 dm ³ (in ³)	Shipping Carton Volume dm ³ (in ³)	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

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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.

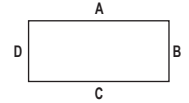
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Ex eb IIC Factory Drilled JBEP Polyester Junction Boxes
 Equipped with One horizontal Symmetrical Zinc Plated Rail, Yellow Laminated Plastic Label with Black Lettering,
 Internal Earth Terminal, and Earth Continuity Device.

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 dm ³ (in ³)	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

Enclosures and Junction Boxes

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 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.

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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)									
				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			
Terminals	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)								
					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		
Terminals	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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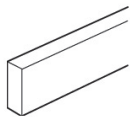
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Solid Copper Bar — Available in 1 Meter Length Pieces

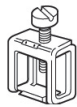
Enclosure Catalog Number	Horizontal Bar Length – mm	Vertical Bar Length – mm	Catalog Number
Dimensions 10 x 3 mm (0.39 x 0.12 in), length is 1 meter (3.28 ft)			CB1M
JBEP1717090	128 (5.04)	90 (3.54)	
JBEP2021100	195 (3.74)	97 (3.82)	
JBEP2021150	195 (3.74)	97 (3.82)	
JBEP2532150	300 (11.81)	230 (9.06)	
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)	



Enclosures and Junction Boxes

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 mm ² (20AWG-10AWG)	6 mm ² (10AWG)	CC6MM
2.5 to 16 mm ² (14AWG-4AWG)	16 mm ² (4AWG)	CC16MM
16 to 35 mm ² (6AWG-1AWG)	50 mm ² (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



Enclosures and Junction Boxes

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

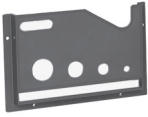
Increased Safety

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	JBPEXI

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.

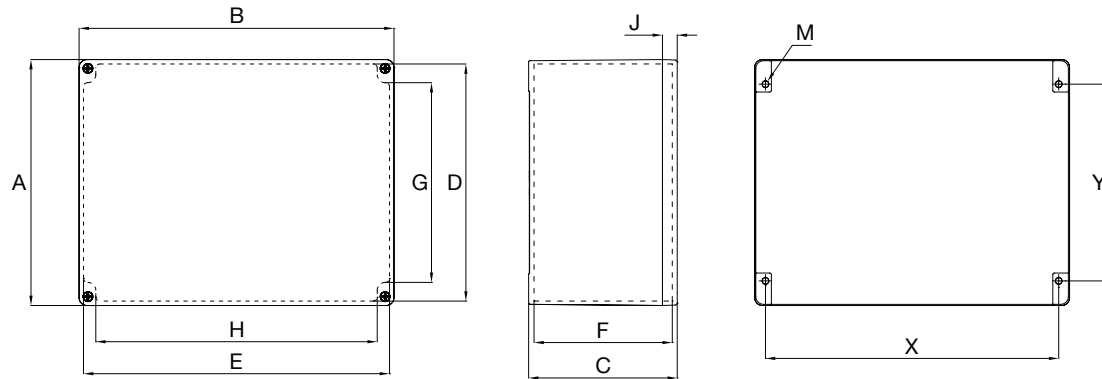
The 85 x 85 x 60 mm (3.35 x 3.35 x 2.36 in) dimensions do not allow for mounting space beyond the factory adhered product label.

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
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.