



BRICK AND BYTE
engineering the future

Brick and Byte Innovative Products Limited

ZENBOX

ENCLOSURES



About Us

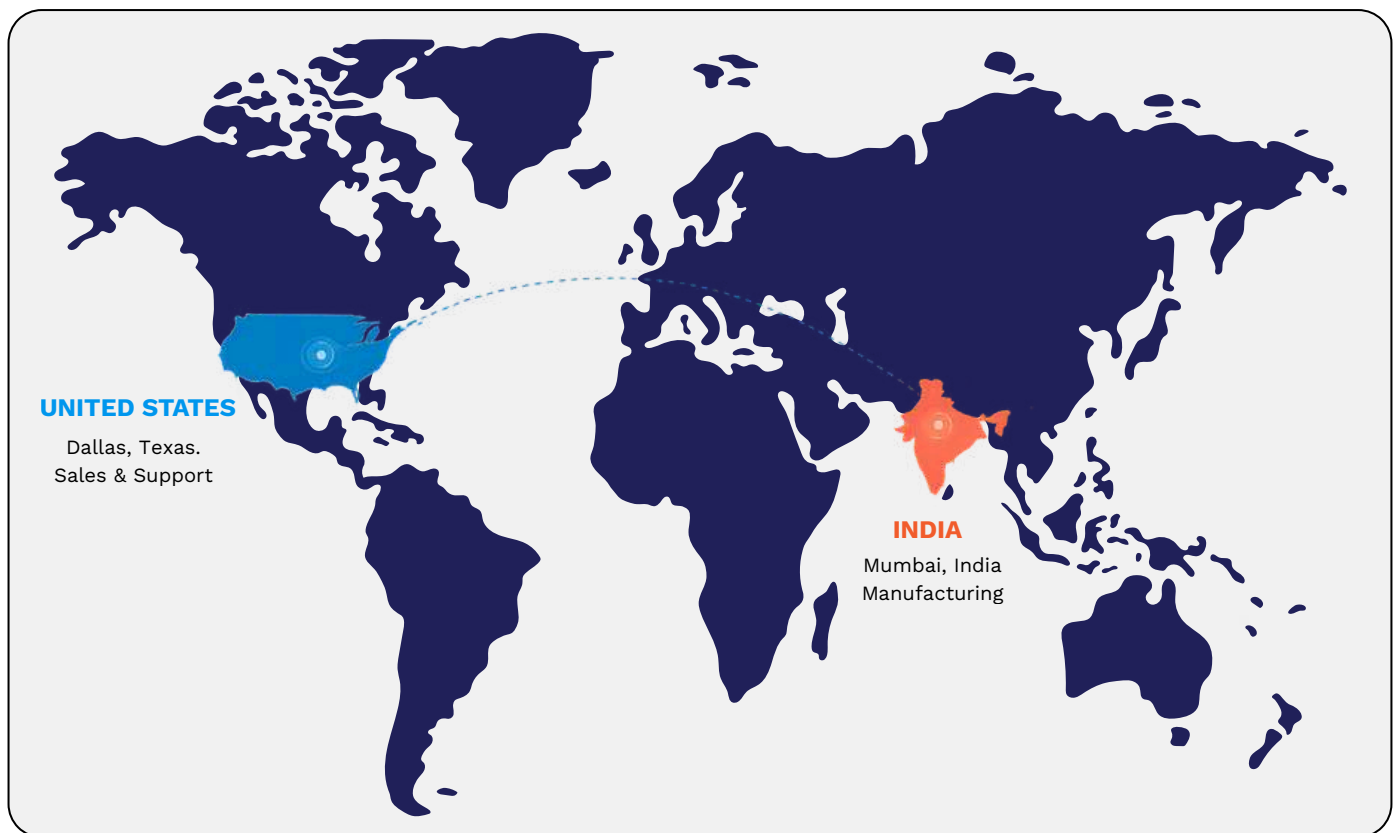
Brick and Byte is an India based manufacturer Headquartered in Mumbai, delivering engineered electrical systems for mission-critical and industrial environments. We integrate design, fabrication, assembly, and testing under one roof to ensure performance, reliability, and scalability.

OUR MISSION

Our mission is to provide innovative, reliable, & safe power & energy solutions that empower various industries. We are dedicated to delivering exceptional quality & service, ensuring our customers have access to the energy they need to thrive.

OUR VISION

Our vision is to be a leading provider of advanced electrical system, shaping the future of energy management. We aspire to create a sustainable & connected world, where our solutions enhance safety, efficiency, & environmental responsibility.



Sales Office & Warehouse Dallas, Texas, United States

Technical-commercial hub for sales operations, inventory management, and efficient order fulfillment

Manufacturing Plant Navi Mumbai, Maharashtra, India

Integrated facility for precision designing, fabrication, assembly, and testing of electrical systems.

Industries We Serve

Data Center



Hyperscale, colocation, and edge facilities requiring mission-critical power reliability

Telecom



High-availability infrastructure for 5G, fiber, and network backbone deployments

Commercial & OEMs



Custom switchboards & power solutions for builders & original equipment manufacturers

Defence & Industrial



Flameproof, Ex-rated, and ruggedized systems for critical environments

Renewable Energy



BESS integration, solar DC coupling, and grid stabilization systems

Utilities & Energy



Distribution, substation, and grid modernization projects



QMS Certifications



Product Certification

Product Details

ZenBoxes are offered in **IP55** and **IP66** with **IK10** rating.

- **Available Sizes:** [200 x 200 x 150] to [1200 x 1400 x 400]
- **Body & Door thickness**
 - 1.2mm up to 500 x 500 x 200
 - 1.6mm beyond
- **Mounting Plate & Gland Plate:** 2mm thickness
- **Color:**
 - RAL 7035 Structure for Body
 - Aluzinc with RAL 2009 color for Mounting plate
- PU gasket for long-lasting IP protection

Customization available with MOQ.



Our Machine Infrastructure

To meet the growing demands of industry, our panels are manufactured using state-of-the-art manufacturing facility consisting of:

- 1 HSG 6kW Laser
- 1 ALS 3 kW Laser
- 2 FinnPower C6 Turret Punching machines
- 1 Amada 2610NT Turret Punch
- 8 Amada Pressbrakes: 30 tons to 130 tons capacity



Our Powder Coating Infrastructure

11-Tank Surface Pre-Treatment Line

- Configuration: 11-stage chemical pre-treatment
- Tank construction: MS tanks with epoxy lining
- Tank size: 3500 (L) × 1200 (W) × 1500 mm (D)
- Process: Degreasing, rinsing, derusting, phosphating, passivation & final rinse
- Heating: Electric heaters with thermostatic control
- Integrated with automated conveyor system



Automated Conveyor System

- Type: Overhead continuous conveyor
- Speed: VFD controlled for process dwell time
- Load handling: Heavy electrical panels & enclosures
- Max job size: 3000 mm (H) × 1500 mm (W)
- Coverage: Pre-treatment → coating → curing

Powder Coating Booth

- Type: Enclosed electrostatic powder coating booth
- Booth size : 4000 (L) × 3000 (W) × 3000 mm (H)
- Application: Electrostatic spray guns
- Air handling: Exhaust & filtration system
- Recovery: Manual / semi-automatic powder recovery

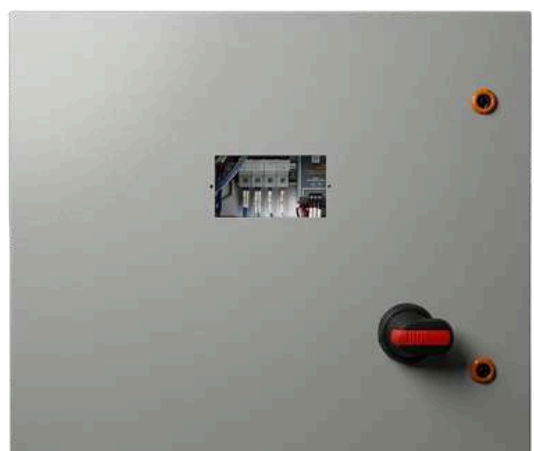
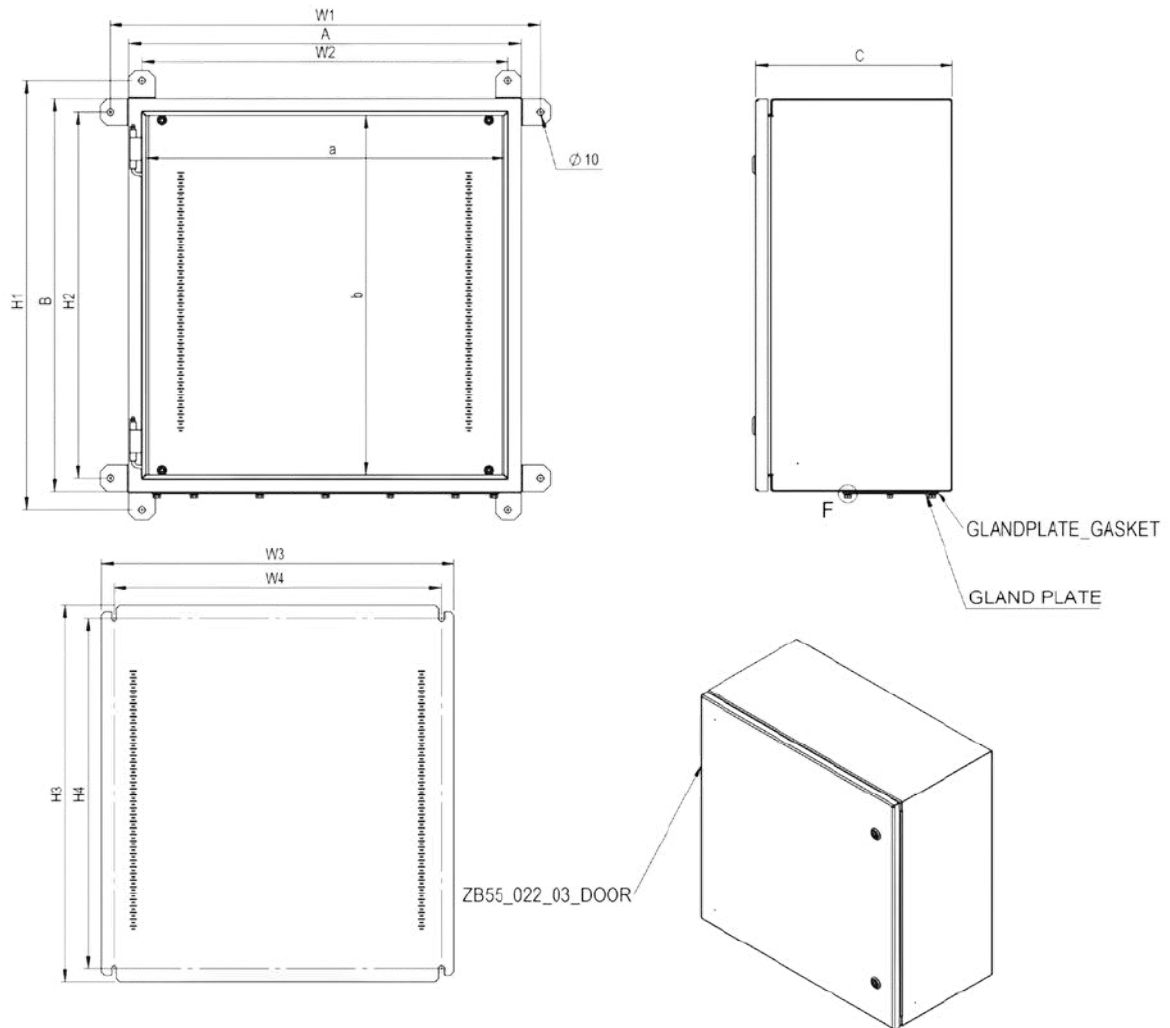


Curing Oven

- Electrically heated curing oven with uniform temperature distribution
- Operating range up to 200–220°C, sized to accommodate large panels

ZenBox

Mild Steel



ZenBox IP55

Mild Steel

CAT.NO.	A (in)	B (in)	C (in)
ZB66020020015	7.87	7.87	5.91
ZB66020030015	7.87	11.81	5.91
ZB66025030015	9.84	11.81	5.91
ZB66030030015	11.81	11.81	5.91
ZB66030030020	11.81	11.81	7.87
ZB66030040015	11.81	15.75	5.91
ZB66030040020	11.81	15.75	7.87
ZB66040030015	15.75	11.81	5.91
ZB66040030020	15.75	11.81	7.87
ZB66040040015	15.75	15.75	5.91
ZB66040040020	15.75	15.75	7.87
ZB66040050015	15.75	19.69	5.91
ZB66040050020	15.75	19.69	7.87
ZB66040060020	15.75	23.62	7.87
ZB66050060020	19.69	23.62	7.87
ZB66060040020	23.62	15.75	7.87
ZB66060050020	23.62	19.69	7.87

ZenBox IP66

Mild Steel

Cat. No.	Type	A (in)	B (in)	C (in)
ZB55020020015	Single Door	7.87"	7.87"	5.91"
ZB55020030015	Single Door	7.87"	11.81"	5.91"
ZB55025030015	Single Door	9.84"	11.81"	5.91"
ZB55030030015	Single Door	11.81"	11.81"	5.91"
ZB55030030020	Single Door	11.81"	11.81"	7.87"
ZB55030040015	Single Door	11.81"	15.75"	5.91"
ZB55030040020	Single Door	11.81"	15.75"	7.87"
ZB55040030015	Single Door	15.75"	11.81"	5.91"
ZB55040030020	Single Door	15.75"	11.81"	7.87"
ZB55040040015	Single Door	15.75"	15.75"	5.91"
ZB55040040020	Single Door	15.75"	15.75"	7.87"
ZB55040050015	Single Door	15.75"	19.69"	5.91"
ZB55040050020	Single Door	15.75"	19.69"	7.87"
ZB55040060020	Single Door	15.75"	23.62"	7.87"
ZB55050050020	Single Door	19.69"	19.69"	7.87"
ZB55050060020	Single Door	19.69"	23.62"	7.87"
ZB55050070020	Single Door	19.69"	27.56"	7.87"
ZB55050070030	Single Door	19.69"	27.56"	11.81"
ZB55060040020	Single Door	23.62"	15.75"	7.87"
ZB55060040030	Single Door	23.62"	15.75"	11.81"
ZB55060050020	Single Door	23.62"	19.69"	7.87"
ZB55060060020	Single Door	23.62"	23.62"	7.87"
ZB55060060030	Single Door	23.62"	23.62"	11.81"

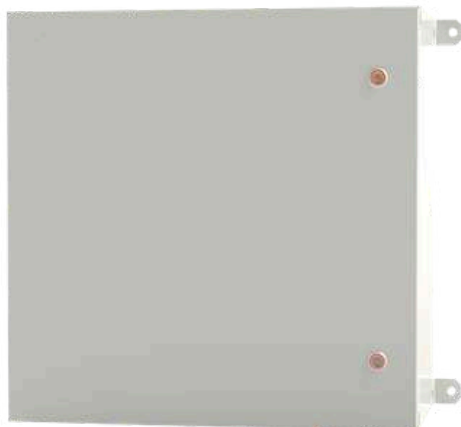
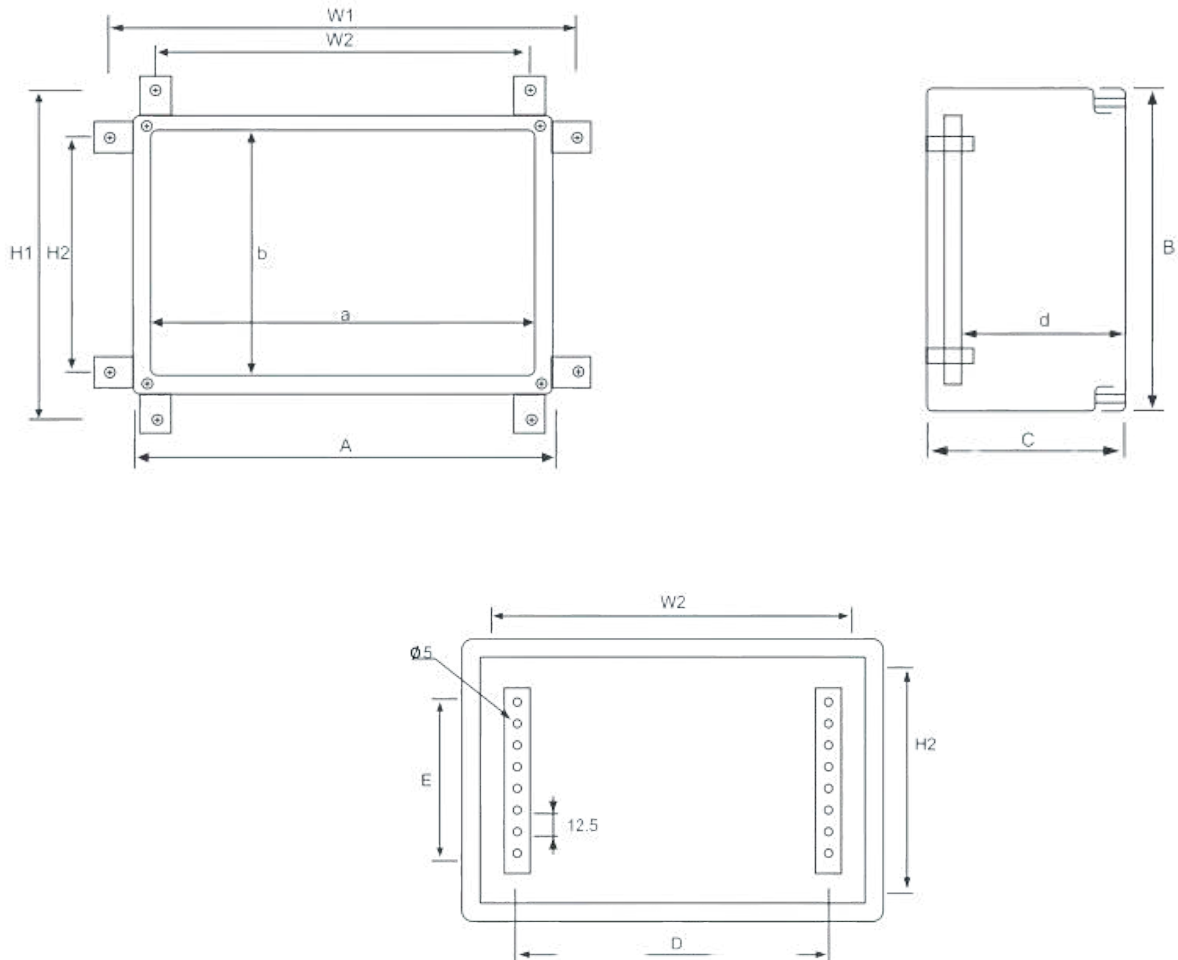
ZenBox IP66

Mild Steel

Cat. No.	Type	A (in)	B (in)	C (in)
ZB55060070020	Single Door	23.62"	27.56"	7.87"
ZB55060080020	Single Door	23.62"	31.50"	7.87"
ZB55060080030	Single Door	23.62"	31.50"	11.81"
ZB55060100020	Single Door	23.62"	39.37"	7.87"
ZB55060100030	Single Door	23.62"	39.37"	11.81"
ZB55080080030	Single Door	31.50"	31.50"	11.81"
ZB55080100020	Single Door	31.50"	39.37"	7.87"
ZB55080100025	Single Door	31.50"	39.37"	9.84"
ZB55080100030	Single Door	31.50"	39.37"	11.81"
ZB55080120030	Single Door	31.50"	47.24"	11.81"
ZB55100080020	Double Door	39.37"	31.50"	7.87"
ZB55100080030	Double Door	39.37"	31.50"	11.81"
ZB55100100030	Double Door	39.37"	39.37"	11.81"
ZB55100120030	Double Door	39.37"	47.24"	11.81"
ZB55100140030	Double Door	39.37"	55.12"	11.81"
ZB55120140030	Double Door	47.24"	55.12"	11.81"
ZB55100140040	Double Door	39.37"	55.12"	15.75"
ZB55120140040	Double Door	47.24"	55.12"	15.75"

ZenBox

Terminal Box



ZenBox IP55

Terminal Box

Cat. No.	A (in)	B (in)	C (in)	Cat. No.
ZBTB55151508	5.91"	5.91"	3.15"	ZBTB55151508
ZBTB55201508	7.87"	5.91"	3.15"	ZBTB55201508
ZBTB55301508	11.81"	5.91"	3.15"	ZBTB55301508
ZBTB55202008	7.87"	7.87"	3.15"	ZBTB55202008
ZBTB55302008	11.81"	7.87"	3.15"	ZBTB55302008
ZBTB55402008	15.75"	7.87"	3.15"	ZBTB55402008
ZBTB55602008	23.62"	7.87"	3.15"	ZBTB55602008
ZBTB55151512	5.91"	5.91"	4.72"	ZBTB55151512
ZBTB55201512	7.87"	5.91"	4.72"	ZBTB55201512
ZBTB55301512	11.81"	5.91"	4.72"	ZBTB55301512
ZBTB55202012	7.87"	7.87"	4.72"	ZBTB55202012
ZBTB55302012	11.81"	7.87"	4.72"	ZBTB55302012
ZBTB55303012	11.81"	11.81"	4.72"	ZBTB55303012
ZBTB55401512	15.75"	5.91"	4.72"	ZBTB55401512
ZBTB55402012	15.75"	7.87"	4.72"	ZBTB55402012
ZBTB55403012	15.75"	11.81"	4.72"	ZBTB55403012
ZBTB55404012	15.75"	15.75"	4.72"	ZBTB55404012
ZBTB55502012	19.69"	7.87"	4.72"	ZBTB55502012
ZBTB55503012	19.69"	11.81"	4.72"	ZBTB55503012
ZBTB55602012	23.62"	7.87"	4.72"	ZBTB55602012
ZBTB55603012	23.62"	11.81"	4.72"	ZBTB55603012
ZBTB55604012	23.62"	15.75"	4.72"	ZBTB55604012
ZBTB55802012	31.50"	7.87"	4.72"	ZBTB55802012
ZBTB55804012	31.50"	15.75"	4.72"	ZBTB55804012

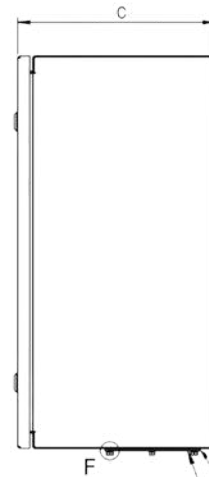
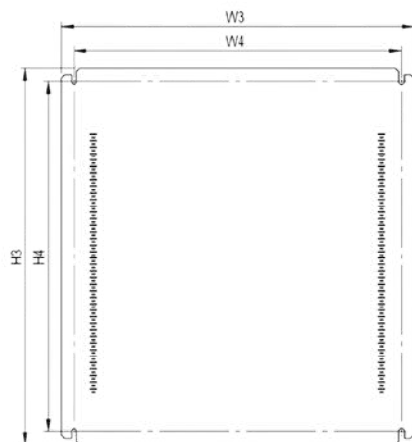
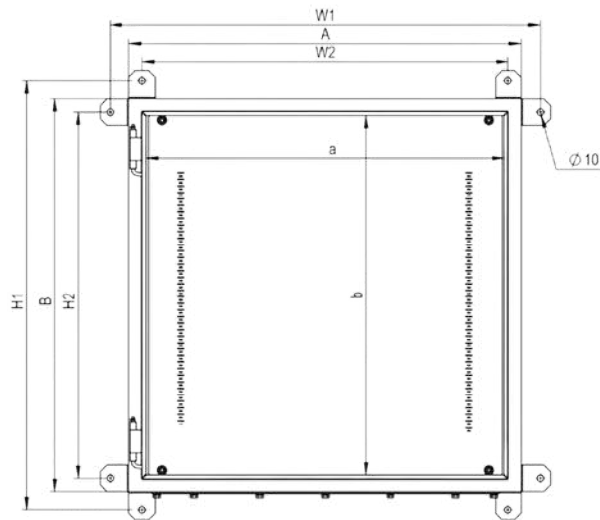
ZenBox IP66

Terminal Box

Cat. No.	A (in)	B (in)	C (in)	Cat. No.
ZBTB66151508	5.91"	5.91"	3.15"	ZBTB66151508
ZBTB66201508	7.87"	5.91"	3.15"	ZBTB66201508
ZBTB66301508	11.81"	5.91"	3.15"	ZBTB66301508
ZBTB66202008	7.87"	7.87"	3.15"	ZBTB66202008
ZBTB66302008	11.81"	7.87"	3.15"	ZBTB66302008
ZBTB66402008	15.75"	7.87"	3.15"	ZBTB66402008
ZBTB66602008	23.62"	7.87"	3.15"	ZBTB66602008
ZBTB66151512	5.91"	5.91"	4.72"	ZBTB66151512
ZBTB66201512	7.87"	5.91"	4.72"	ZBTB66201512
ZBTB66301512	11.81"	5.91"	4.72"	ZBTB66301512
ZBTB66202012	7.87"	7.87"	4.72"	ZBTB66202012
ZBTB66302012	11.81"	7.87"	4.72"	ZBTB66302012
ZBTB66303012	11.81"	11.81"	4.72"	ZBTB66303012
ZBTB66401512	15.75"	5.91"	4.72"	ZBTB66401512
ZBTB66402012	15.75"	7.87"	4.72"	ZBTB66402012
ZBTB66403012	15.75"	11.81"	4.72"	ZBTB66403012
ZBTB66404012	15.75"	15.75"	4.72"	ZBTB66404012
ZBTB66502012	19.69"	7.87"	4.72"	ZBTB66502012
ZBTB66503012	19.69"	11.81"	4.72"	ZBTB66503012
ZBTB66602012	23.62"	7.87"	4.72"	ZBTB66602012
ZBTB66603012	23.62"	11.81"	4.72"	ZBTB66603012
ZBTB66604012	23.62"	15.75"	4.72"	ZBTB66604012
ZBTB66802012	31.50"	7.87"	4.72"	ZBTB66802012
ZBTB66804012	31.50"	15.75"	4.72"	ZBTB66804012

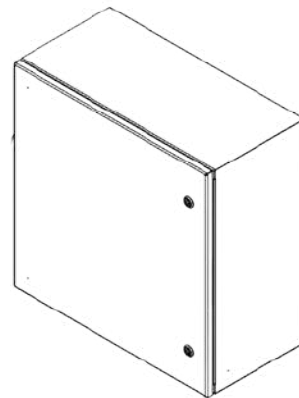
ZenBox

Stainless Steel



GLANDPLATE_GASKET

GLAND PLATE



ZenBox

Stainless Steel

ZenBox - SS are offered in **IP66** with **IK10** rating.

- Fabricated in **1.2mm/1.5mm SS304** material.
- **Mounting Plate:** 2.0mm Aluzinc material.
- Foamed in PU Gasket for long-lasting IP protection
- MOQ of 10 nos.

available in SS316, SS316L with MOQ.



Cat. No.	Width (in)	Height (in)	Depth (in)
ZBSS66203015	7.87"	11.81"	5.91"
ZBSS66303020	11.81"	11.81"	7.87"
ZBSS66404020	15.75"	15.75"	7.87"
ZBSS66405020	15.75"	19.69"	7.87"
ZBSS66406020	15.75"	23.62"	7.87"
ZBSS66506020	19.69"	23.62"	7.87"
ZBSS66606020	23.62"	23.62"	7.87"
ZBSS66608020	23.62"	31.50"	7.87"
ZBSS66507030	19.69"	27.56"	11.81"
ZBSS66808030	31.50"	31.50"	11.81"

Our Clintele

Trusted by Industry Leaders



BRICK AND BYTE

Let's Power The Future

CONTACT US

-  **E-mail** sales@brickandbyte.in
-  **Phone** [+91 90048 56351](tel:+919004856351)
-  **Website** www.brickandbyte.in



A-417, TTC Industrial Area, Mahape, Navi Mumbai - 400710