



EN Series Meter Enclosure

Meter Enclosure EN Series

ISOTECH is total quality organisation and its business is to put electricity to work productively and effectively, protecting people, buildings and equipment. Our EN Series Meter Enclosures are used extensively in residential and commercial applications

Your Engineering Partner



Application

ISOTECH EN Series Metal Enclosures are ideal for both domestic and commercial installations, offering robust protection and reliability. These enclosures feature an Ingress Protection (IP) up to IP31, providing protection against solid objects greater than 2.5mm and water dripping vertically. With this protection, optimal safety for electrical components are guarantee.

Constructed using high-quality 1mm to 1.2mm Electro-Galvanized (EG) steel sheets, each enclosure is finished with a durable, powder-coated light grey colour, enhancing both its aesthetic appeal and corrosion resistance.



Service Life

- ✓ Provide high quality and durable finishing



Cam Latch

- ✓ Improve fastening, ensuring the IP rating remains unaffected over time.



Thumb Turn Latch:

- ✓ Ease to use
- ✓ Effortless Locking



Key Lock (Optional)

- ✓ Require key operation offering higher security.



Ventilation Louver

- ✓ Allows air circulation and heat dissipation, helping maintain optimal internal temperatures



Cut-out Service

- ✓ We can provide all sort of cut-out dimension service upon request

CHARACTERISTICS

Characteristics	Metal Enclosure
EN Series Metal Enclosure	
Material	Electro-Galvanized (EG) Sheet [1.0mm to 1.2mm Thickness]
Colour	RAL 7035 (Light Grey)
Surface Finish	Powder-coated for enhanced corrosion resistance
Mounting	Wall-Mounted Installation
Lock Mechanism	Thumb Turn Latch or Key Lock (Optional)
Ventilation	Side louvers for air flow and heat dissipation
Door Type	Single or Overlap Doors
Ingress Protection	IP31 (Protection from solid objects and light water spay)
Application	Electrical control panels, automation systems, or industrial environments
Personal Protection	Provides protection against accidental contact with internal components

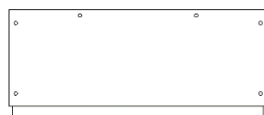
Part No.	Thickness (mm)	Door	Net Weight (KG)	IP Rating
EN152015	1	1	1.75	31
EN202515	1	1	2.50	31
EN203015	1	1	2.85	31
EN253015	1	1	3.40	31
EN303015	1	1	4.05	31
EN303515	1	1	4.40	31
EN354015	1	1	5.40	31
EN404515	1	1	7.00	31
EN405015	1	1	7.30	31
EN406015	1	1	8.30	31
EN455020	1	1	8.75	31
EN455520	1	1	8.60	31
EN456020	1	1	10.35	31
EN505020	1.2	1	10.90	31
EN506020	1.2	1	13.15	31
EN608020	1.2	1	18.65	31
EN8010020	1.2	2	30.45	31

SPECIFICATIONS

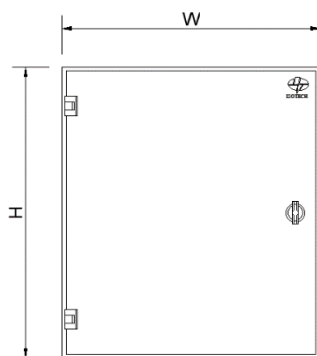
W: Enclosure width
 H: Enclosure height
 D: Enclosure depth
 A: Base Plate width
 B: Base Plate height
 C: Wall Mounting Hole width
 E: Wall Mounting Hole height

One Door Enclosure with One Lock

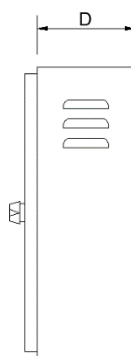
Body Dimension (mm)			Base Plate (mm)		Wall Mounting Hole (mm)	
Width (W)	Height (H)	Depth (D)	A	B	C	E
150	200	150	100	150	107	159
200	250	150	150	200	157	209
200	300	150	150	250	157	259
250	300	150	200	250	207	259
300	300	150	250	250	257	259
300	350	150	250	300	258	309
350	400	150	300	350	307	359
400	450	150	350	400	357	409
400	500	150	350	450	357	459
450	500	200	400	450	407	459
450	550	200	400	500	408	509
500	500	200	450	450	456	458



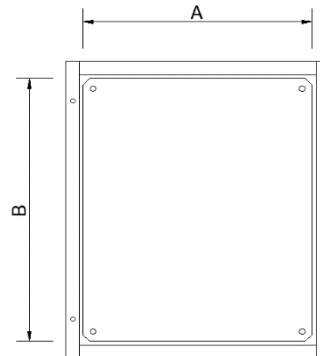
Top View



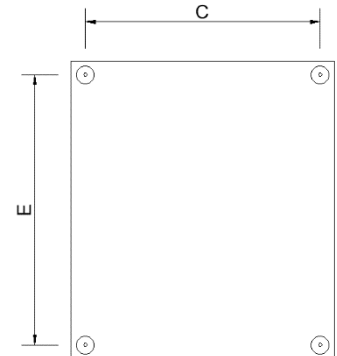
Front View



Side View



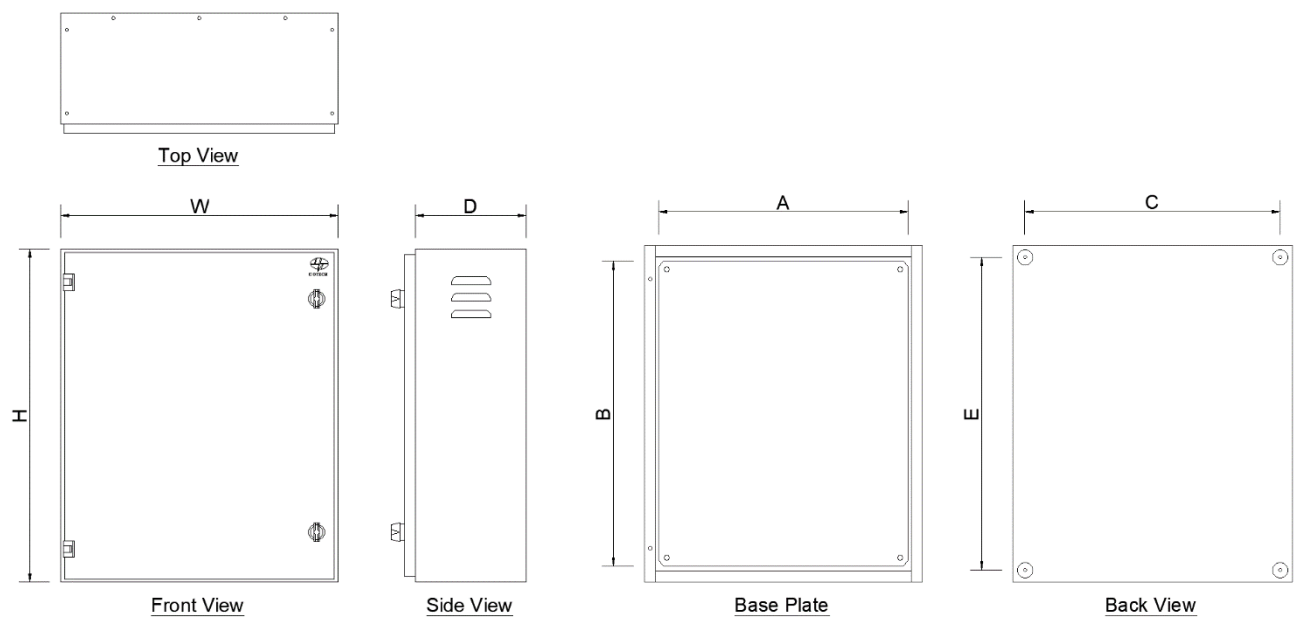
Base Plate



Back View

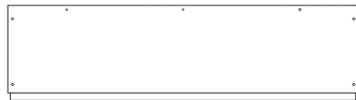
OVERALL DIMENSIONS

One Door Enclosure with Two Lock						
Body Dimension (mm)			Base Plate (mm)		Wall Mounting Hole (mm)	
Width (W)	Height (H)	Depth (D)	A	B	C	E
400	600	150	350	550	357	559
450	600	200	400	550	407	559
500	600	200	450	550	456	558
600	800	200	550	750	556	758

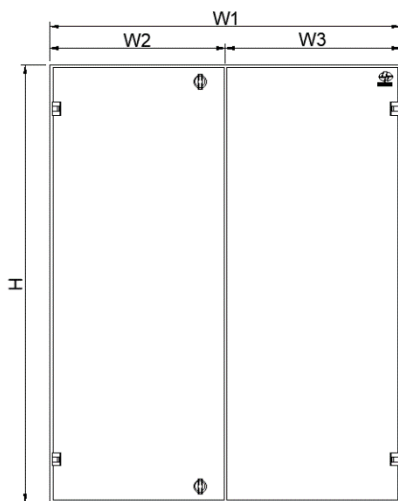


Two Door Enclosure with Two Lock

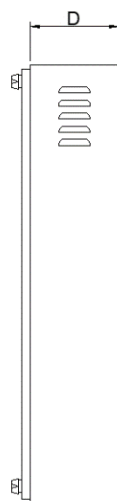
Body Dimension (mm)					Base Plate (mm)		Wall Mounting Hole (mm)	
Width (W1)	Width (W2)	Width (W3)	Height (H)	Depth (D)	A	B	C	E
800	400	400	1000	200	750	950	756	958



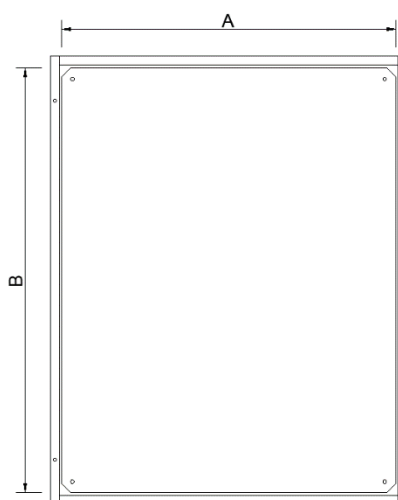
Top View



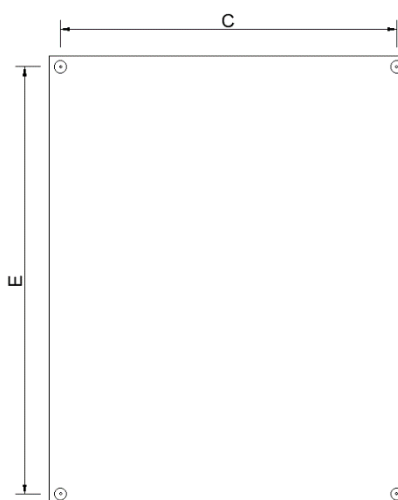
Front View



Side View



Base Plate



Back View