

Polyester enclosure

TIBOX[®]
TIANGI ELECTRIC

Aluminum enclosure



Polyester enclosure

Polyester enclosure

TIP series are new type, it made by polyesters. The characteristics of the polyesters is its own min 30% fibre glass, make it reached high resistance and mechanical stiffness, have the same effect of metal enclosure which is 3 times heavier than it. Compared with metal enclosure, TIP series are lighter, more adequate for corrosion and dankish environment.

Material: fiberglass/ SMC, self-extinguishable or UV material are on request

Supply include:

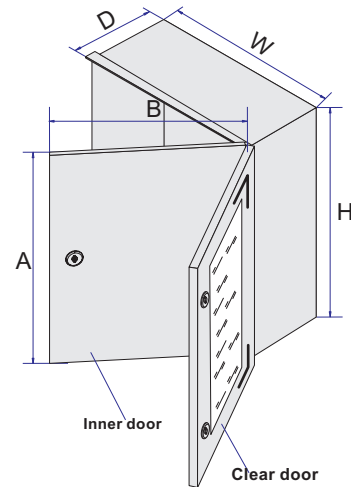
door with lock system, enclosure, wall mount brackets 4pcs/set.

Mounting plate to be supplied separately as to the clients request

Resistance against rusting and corrosion by chemical or atmospherical condition

Easy to machine/easy to move around and install because of its lightness.

Door hinges allows more than 180° opening.



Polyester enclosure single door



Polyester box(fiber glass box,GRP box)

Model		Dimension(mm)		
Grey door	Glass door	W	H	D
TIP-325	TX-325	250	300	140
TIP-43	TX-43	300	400	200
TIP-44	TX-44	400	400	200
TIP-54	TX-54	400	500	200
TIP-64	TX-64	400	600	230
TIP-65	TX-65	500	600	230
TIP-86	TX-86	600	800	300



Polyester enclosure with glass door

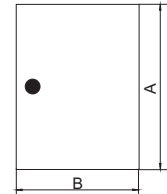


Polyester enclosure

Inner door for polyester box



Inner door for polyester box				
Model metal Inner door	Dimension(mm)			
	A	B	For box door	
			W	H
TP-325	150	150	250	300
TP-43	364	245	300	400
TP-44	364	345	400	400
TP-54	464	345	400	500
TP-64	564	345	400	600
TP-65	564	445	500	600
TP-86	764	545	600	800

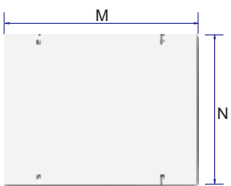


Modular kit for polyester box

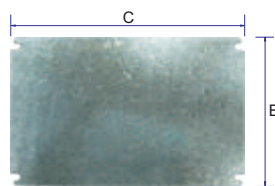


Model	Door		No. of breakers	Breakers qty(PCS)	No. of rows
	W	H			
MDTT43	300	400	2 rows X 12P	24	2
MDTT44	400	400	2 rows X 18P	36	2
MDTT54	400	500	3 rows X 18P	54	3
MDTT64	400	600	4 rows X 18P	72	4
MDTT65	500	600	4 rows X 23P	92	4
MDTT86	600	800	4 rows X 29P	145	5

Mounting plate for polyester enclosure



Polyester mounting plate



Galvanised mounting plate

Polyester mounting plate			Galvanised mounting plate		
Model	Dimension(mm)		Model	Dimension(mm)	
	M	N		C	E
PP-325	221	238	TI-325	263	201
PP-43	311	286	TI-43	353	245
PP-44	308	386	TI-44	349	345
PP-54	408	386	TI-54	453	345
PP-64	511	386	TI-64	553	345
PP-65	508	486	TI-65	553	447
PP-86	706	581	TI-86	749	540

Accessories for polyester enclosure



Key lock
model:MS705-3E
package:1pc



Standard lock
model: MS-01
package:1pc



Wall mount brackets
model: TXP-01 package: 4pcs/set

Polyester enclosure

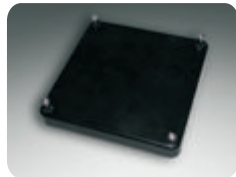
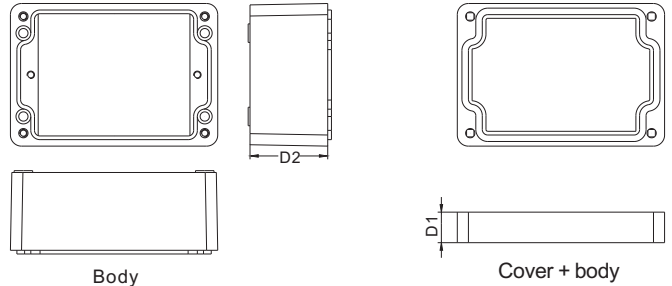
PSM series polyester box

Out of the polyester boxes which are selling at present, its ability and working efficiency, the competitive power is much higher with the low price same as the level of steel box. The products were added the electromagnetic interference(EMI) and prevent substance of the static electricity, and the strong point was given to the relevant mechanical protection of electricity, electron and etc.

Temperature range:-40 to +120°C SMC:Fiber glass(body) SMC:Fiber glass(cover)



Screw type	Dimension(mm)		Mounting plate
	W X H X D	D1+D2	
Grey door			Metal
PSM-0708	80×75×55	40 + 15	TJ-0708
PSM-0711	110×75×55	40 + 15	TJ-0711
PSM-1212	122×120×90	65 + 25	TJ-1212
PSM-1616	160×160×90	70 + 20	TJ-1616
PSM-1626	160×260×90	70 + 20	TJ-1626
PSM-2525	250×250×120	95 + 25	TJ-2525
PSM-2540	250×400×120	95 + 25	TJ-2540



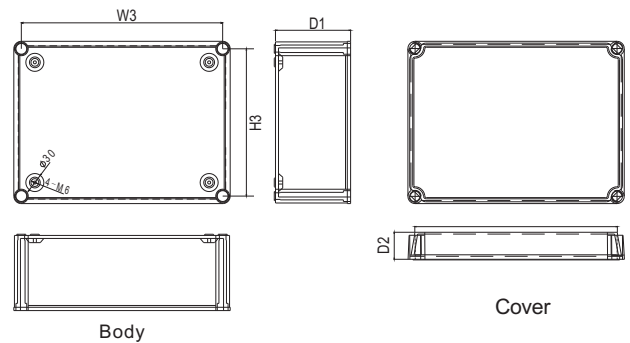
PSG,PST series polyester enclosure

Out of the polyester boxes which are selling at present, its ability and working efficiency, the competitive power is much higher with the low price same as the level of steel box. The products were added the electromagnetic interference(EMI) and prevent substance of the static electricity, and the strong point was given to the relevant mechanical protection of electricity, electron and etc.

Temperature range:-40 to +120°C SMC:Fiber glass(body) PC:Poly Carbamate(cover)



Screw type		Dimension(mm)		Mounting plate	installation size(mm)	
Grey door	Clear door	W X H X D	D1+D2		W3	H3
PSG-2718	PST-2718	270×180×170	125 + 45	TJ-2718	265	155
PSG-3627	PST-3627	360×270×170	125 + 45	TJ-3627	355	245



Steel mounting plate



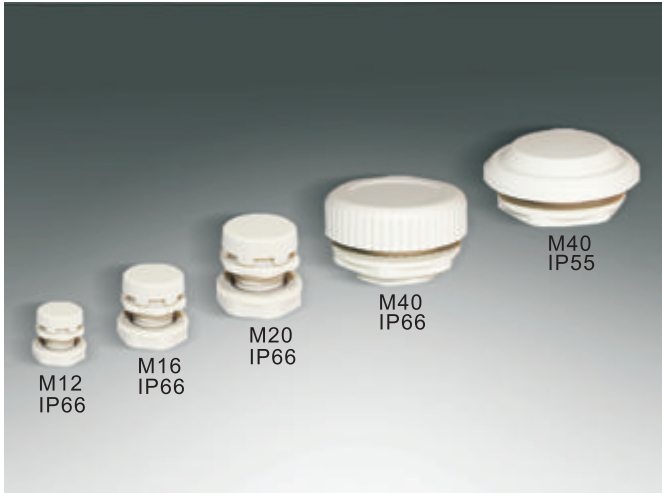
Air vent gland

Air vent gland

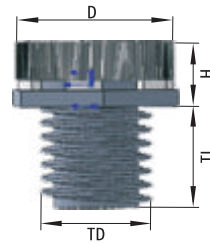
In order to choose the right ventilation plug unit (pressure balance elements) for a specific application, the working principles of the unit must be known first.

Ventilation plugs are permeable to "gases and vapours, e.g. air" but impermeable to "liquids and dust, e.g. water". The permeability resistance to liquids depends on the pore size and structure of the membrane inside these devices.

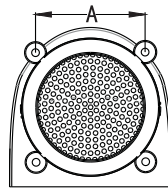
To conclude, the ventilation plug can reduce and even fully eliminate the adverse effects of humidity in the environment. Water drops on the bottom of the enclosure are normal, but the inherent damage becomes insignificant due to the existence of a ventilation plug.



air vent gland type	Thread size	Dimensions(mm)				Recom.Hole Diam(mm)	Protection degree
		TD	TL	H	D		
AVG-M12	M12*1.5	12.0	10.0	10.0	24.0	12.5	IP66
AVG-M16	M16*1.5	16.0	10.0	11.0	24.0	16.5	IP66
AVG-M20	M20*1.5	20.0	10.0	11.5	24.0	20.5	IP66
AVG-M40	M40*1.5	40.0	18.0	18.0	60.0	40.5	IP66
AVG-M40	M40*1.5	40.0	14.0	12.5	60.0	40.5	IP55



Air filter cover



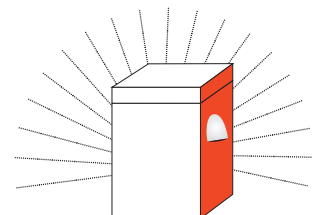
Model and size

Article NO.	A	Processing size	Ventilation fan size
BC-V 60	50 ± 0.3mm	63-65 φ	60 φ
BC-V 80	70 ± 0.3mm	88-90 φ	80 φ



Product characteristics

1. It is easy to exhaust heat of inside box to outside.
2. It is easy to install cooling pan inside the box.
3. It is designed to prevent the penetration of rain.



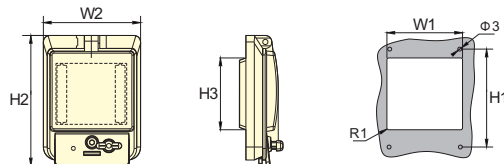
Transparent Contact Protection Window hood

Transparent contact protection window hood



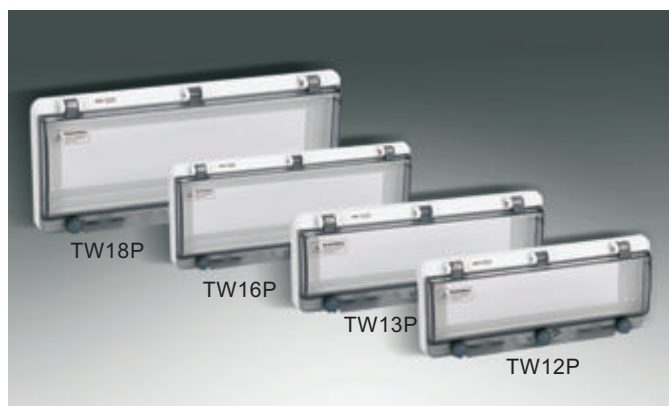
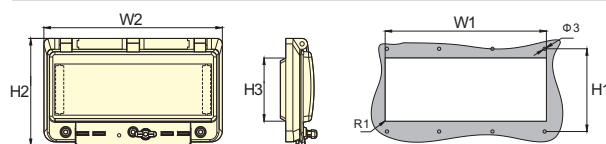
TW2P,TW3P,TW4P,TW5P

Window hood	Dimension(mm) W X H X D	installation size(mm)				
		W1	W2	H1	H2	H3
TW2P	57×99×30	40	57	75	99	55
TW3P	75×101×30	58	75	76	101	55
TW4P	92×97×31	75	92	76	97	58
TW5P	110×99×31	94	110	77	99	58



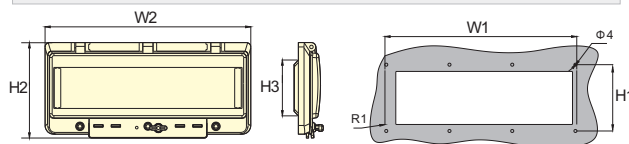
TW6P,TW8P,TW9P,TW10P

Window hood	Dimension(mm) W X H X D	installation size(mm)				
		W1	W2	H1	H2	H3
TW6P	128×99×31	112	128	77	99	58
TW8P	164×98×31	148	164	76	98	58
TW9P	172×98×31	165	172	76	99	58
TW10P	200×99×31	184	200	76	98	58



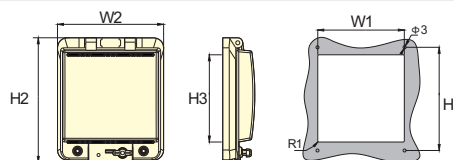
TW12P,TW13P,TW16P,TW18P

Window hood	Dimension(mm) W X H X D	installation size(mm)				
		W1	W2	H1	H2	H3
TW12P	236×109×31	220	236	76	109	64
TW13P	254×108×31	238	254	76	108	63
TW16P	308×128×31	292	308	101	123	70
TW18P	344×123×31	328	344	102	123	70



TW0808,TW1010

Window hood	Dimension(mm) W X H X D	installation size(mm)				
		W1	W2	H1	H2	H3
TW0808	106×124×32	86	106	103	124	87
TW1010	120×137×32	100	120	116	137	100



TW1010: for 96x96mm size panel meter, temperature controller, switch, circuit breaker, etc
 TW0808: for 86# wall switch, 72# size panel meter, temperature controller, etc



Transparent Contact Protection Window hood

Transparent contact protection window hood

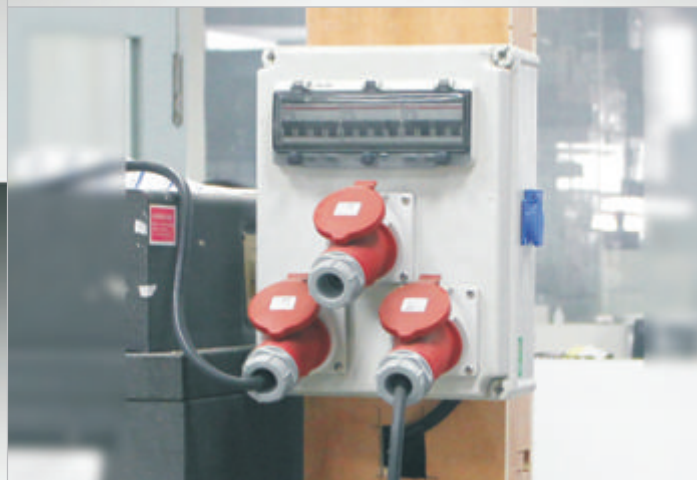
It is applicable for special waterproof, dustproof and corrosion-proof locations
Executive standard: IEC60529 IP67
EN 60309



TW1010 for main switch ,
TW0808 for 96x96mm panel meter
TW10P for circuit breaker 10POLES



TW1010 for main switch ,
TW0808 for indicator 4pcs
TW4P for circuit breaker 4poles
TW0808 for 86# wall switch



TW12P for circuit breaker 4POLES/3pcs



TW16P for circuit breaker 16POLES



TW12P for circuit breaker 12POLES

Aluminum Enclosure



LV Aluminum boxes are suitable for installation, circuit breaking, connection and control of electric and electronic equipments, and find their main application in industrial, automotive, railways, navy, tunnels, parkings, industrial buildings fields ensuring a high mechanical and vibration resistance with IP66 protection degree.

Standard Supply:

Aluminum box PUR seal stainless steel screws, M4 screws

Specification:

Material: AISI 12 DIN1725 Standard

Protection Degree: IP66 EN60529 Standard

Resistance to Impact: >7 Joule EN50014 Standard

Temperature Range: -50°C to 130°C

Paint Finish: Epoxy polyester powder coating

Color: RAL7038

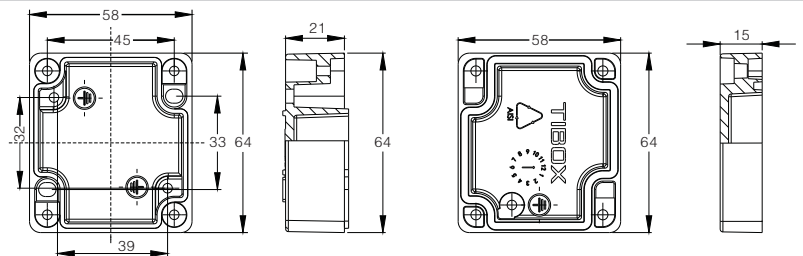
MODEL	Base(mm)	Cover(mm)	W H D(mm)
LV0605	21	15	64×58×36
LV0906	21	15	98×64×36
LV1506	21	15	150×64×36
LV1106	40	15	115×65×55
LV0807	42	15	82×77×57
LV1208	42	15	127×82×57
LV1708	42	15	175×80×57
LV2508	42	15	250×80×57
LV1010	60	20	100×100×80
LV1610-1	60	20	160×100×80
LV2010	60	20	200×100×80

MODEL	Base(mm)	Cover(mm)	W H D(mm)
LV1212	60	20	125×125×80
LV3612	60	20	360×120×80
LV2212	60	20	220×125×80
LV2214-2	70	20	220×140×90
LV1616-1	70	20	160×160×90
LV2616	70	20	260×160×90
LV3616	70	20	360×160×90
LV2320	90	20	230×200×110
LV2823	90	20	280×230×110
LV3323-1	95	25	330×230×120
LV6031	90	20	600×310×110



Model LV0506

Size 64X58X36mm

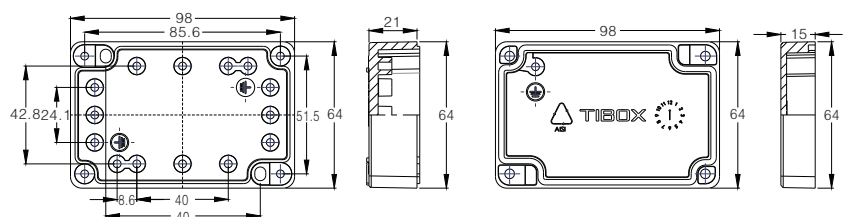


Thickness: Cover: 4.8mm, Base: 3.4mm
Error: ± 1mm



Model LV0906

Size 98X64X36mm



Thickness: Cover: 4.6mm, Base: 3mm
Error: ± 1mm

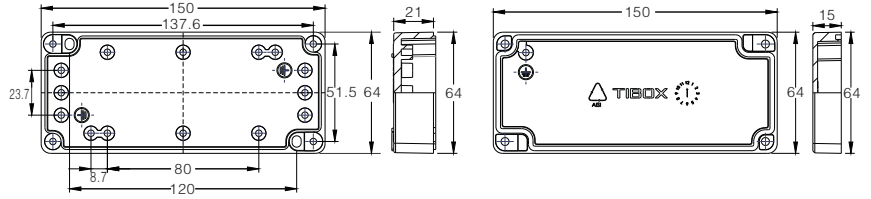


Aluminum Enclosure



Model LV1506

Size 150X64X36mm

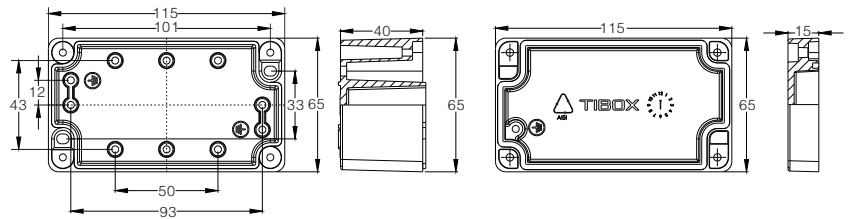


Thickness: Cover: 4.5mm, Base: 3.1mm
Error: ± 1mm



Model LV1106

Size 115X65X55mm

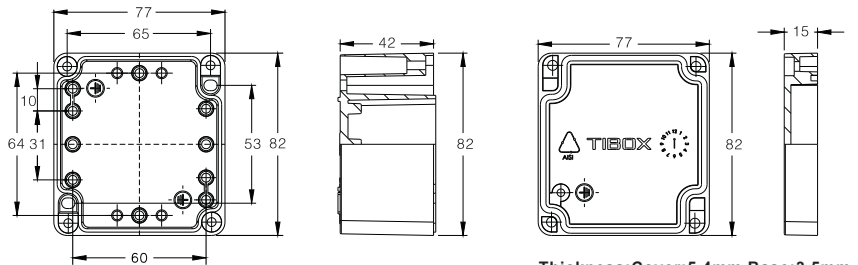


Thickness: Cover: 4.7mm, Base: 3.2mm
Error: ± 1mm



Model LV0807

Size 82X77X57mm

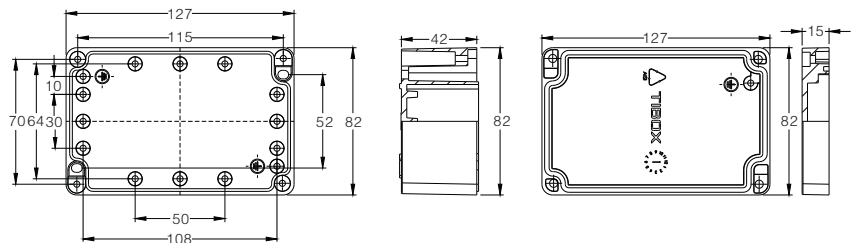


Thickness: Cover: 5.4mm, Base: 3.5mm
Error: ± 1mm



Model LV1208

Size 127X82X57mm

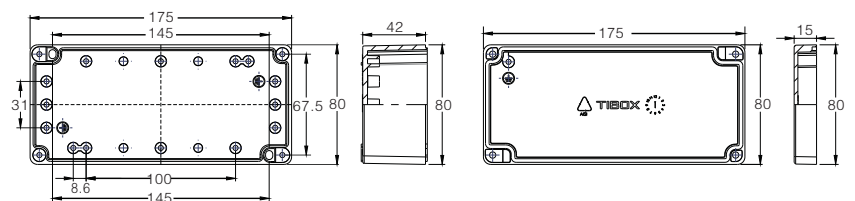


Thickness: Cover: 5.3mm, Base: 3.5mm
Error: ± 1mm



Model LV1708

Size 175X80X57mm



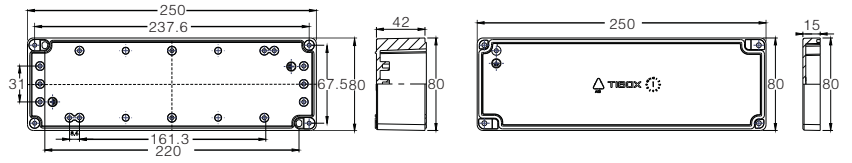
Thickness: Cover: 4.7mm, Base: 3mm
Error: ± 1mm

Aluminum Enclosure

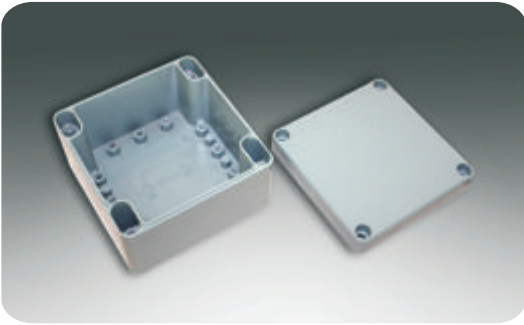


Model LV2508

Size 250X80X57mm

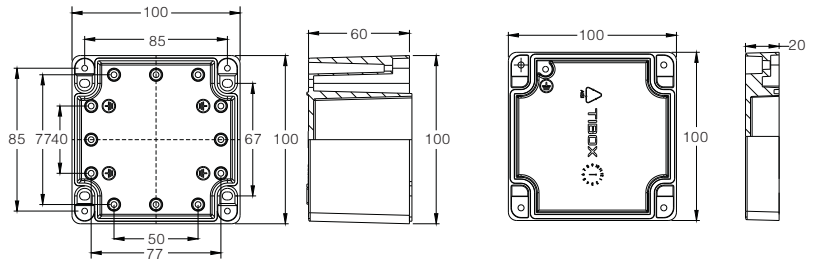


Thickness: Cover: 4.6mm, Base: 3mm
Error: ± 1mm



Model LV1010

Size 100X100X80mm

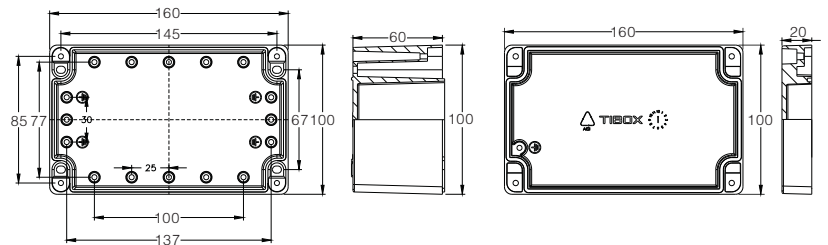


Thickness: Cover: 4.6mm, Base: 3.2mm
Error: ± 1mm



Model LV1610-1

Size 160X100X80mm

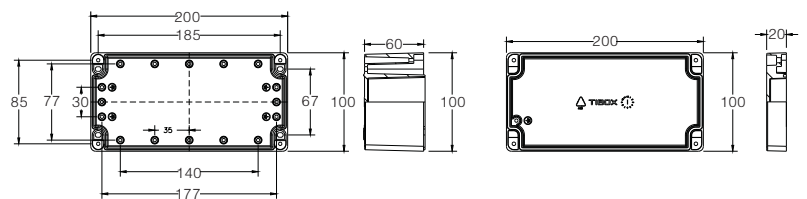


Thickness: Cover: 4.6mm, Base: 3.1mm
Error: ± 1mm



Model LV2010

Size 200X100X80mm

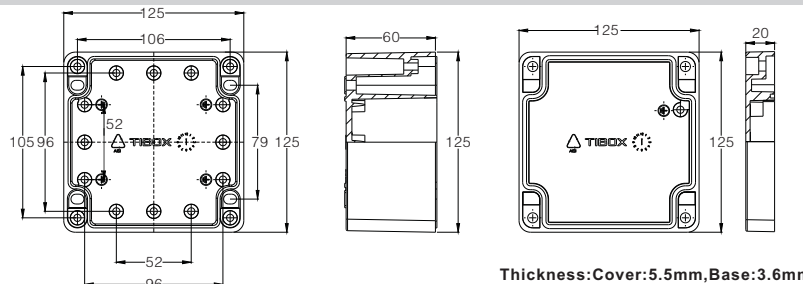


Thickness: Cover: 4.7mm, Base: 3mm
Error: ± 1mm



Model LV1212

Size 125X125X80mm



Thickness: Cover: 5.5mm, Base: 3.6mm
Error: ± 1mm

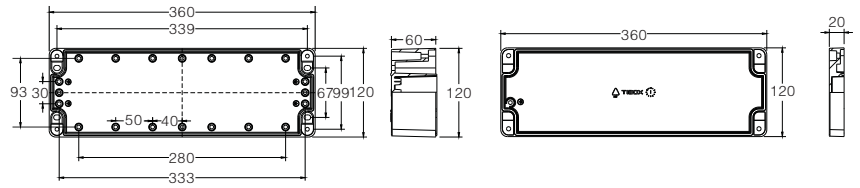


Aluminum Enclosure



Model LV3612

Size 360X120X80mm

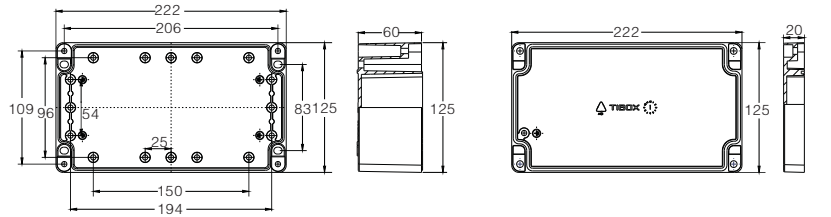


Thickness: Cover: 5.6mm, Base: 4.1mm
Error: ± 1mm



Model LV2212

Size 220X125X80mm

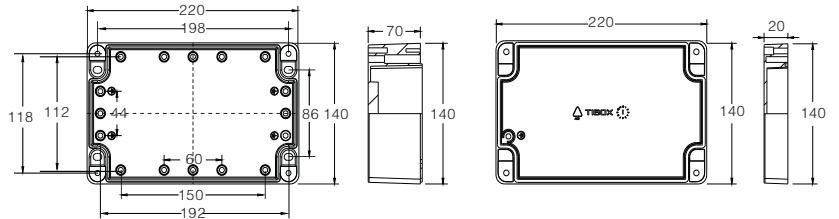


Thickness: Cover: 5.2mm, Base: 3mm
Error: ± 1mm



Model LV2214-2

Size 220X140X90mm

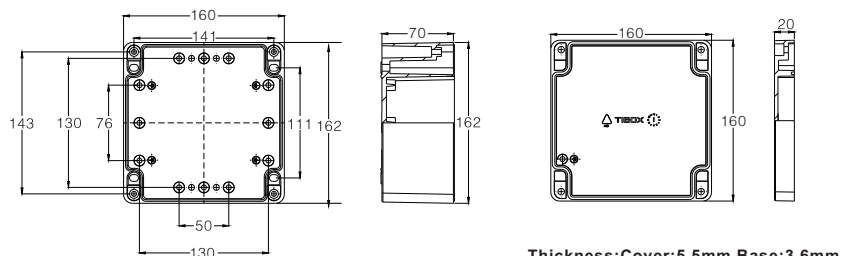


Thickness: Cover: 5.4mm, Base: 4.2mm
Error: ± 1mm



Model LV1616-1

Size 160X160X90mm

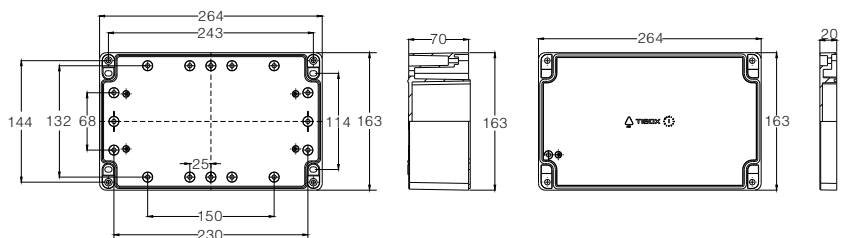


Thickness: Cover: 5.5mm, Base: 3.6mm
Error: ± 1mm



Model LV2616

Size 260X160X90mm



Thickness: Cover: 5.8mm, Base: 4mm
Error: ± 1mm

