

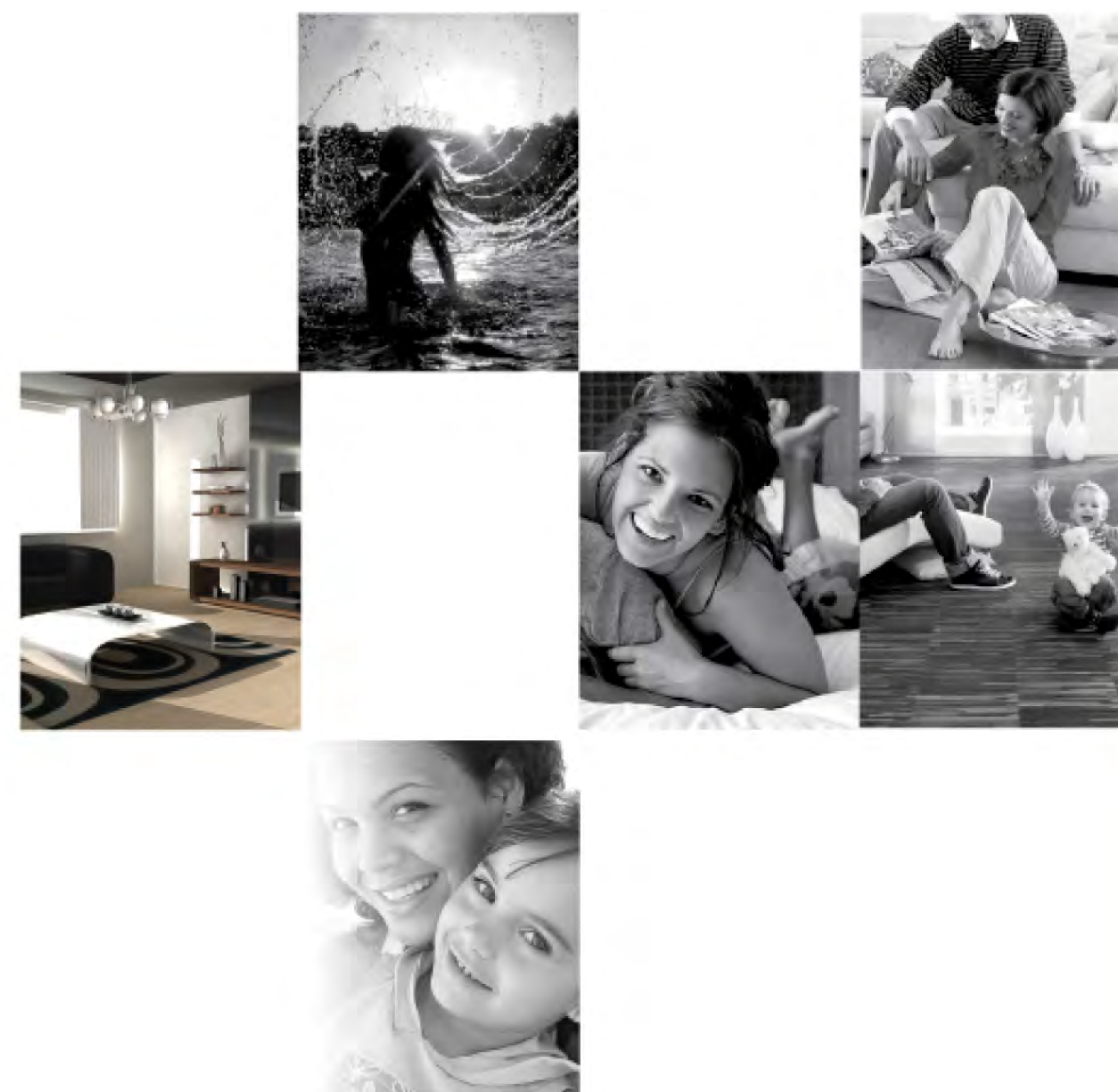
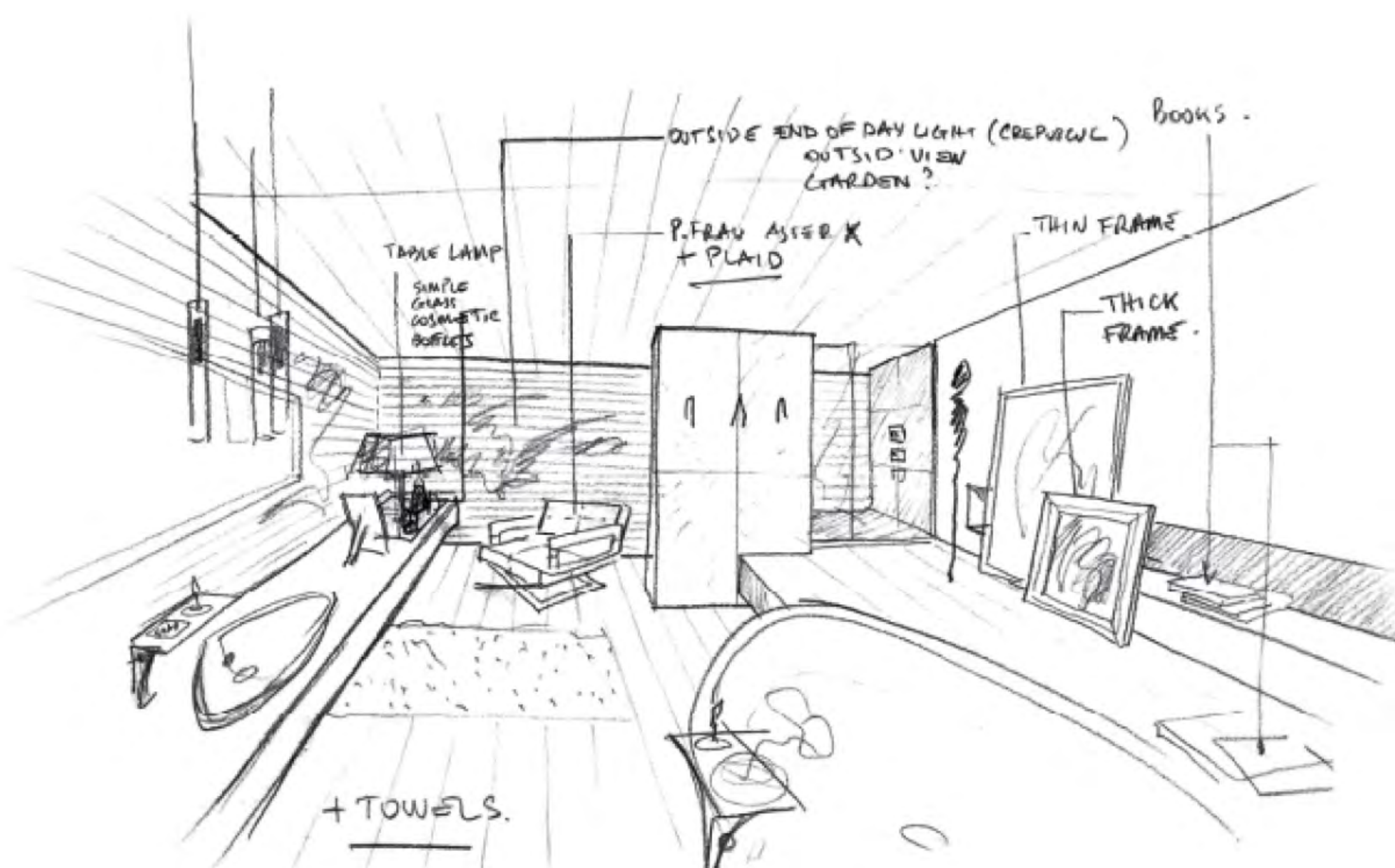
Low-voltage terminal power distribution products

SBTP1-8 Series Distribution Box



WHAT MAKES A GOOD LIFE

Design makes your home better.



SBTP1 SERIES

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SBTP1-8 Series Distribution Box

SBTP1-8 series distribution box is used to assemble components, which is also the consumer unit, house distribution box, etc. It is designed by DGJ08-20-2007 <<residence architecture design standards>> and JB/T7121-93<<Module terminal electric equipment>>

JB/DQ6143-86<<MCB distribution box>>
GB17466.1-2008,GB17466.22-2008 STANDARDS.



Flush mounting/Plastic Board and Metal Case/Transparent/White opaque

Wall mounting/Plastic Board and Metal Case/Transparent/White opaque



SBTP1-8 Series Distribution Box

SBTP1-8 Series distribution box is Shilin new series product. Inherited of its best comprehensive ability it is safe, reliable, durable and so on. Its appearance is also fashion.

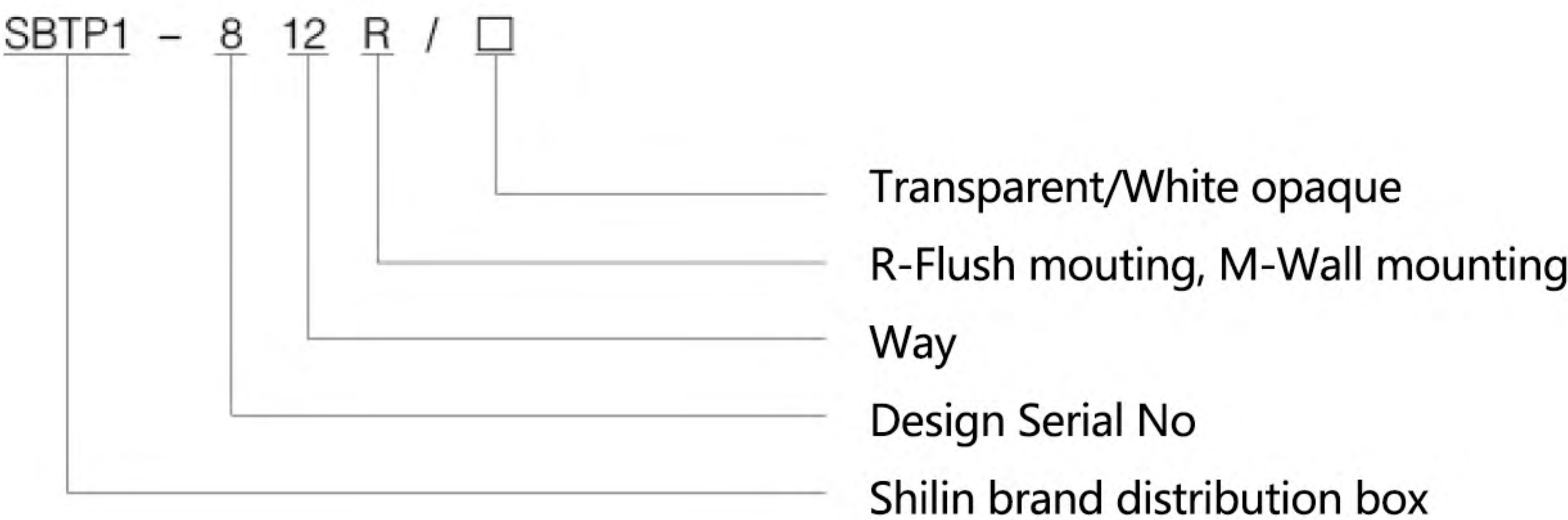




Range of Application

The distribution box is composed of board , bottom case, brackets, din rail, neutual terminal , earth terminal and in-dicating lables ,etc . It is mainly used in factory, house ,e-rcial, industry and civil architechture.

Model Meaning



HEAVY CALIBRE TERMINAL SIZE

Way	Neutual terminal length(mm)	Neutual terminal hole number	Earth terminal length(mm)	Earth terminal hole number	Width(mm)	Height(mm)
8~20	77	1(1×7+7×5)	77	1(1×7+7×5)	6.4	12
24~40	77	2(1×7+7×5)	77	2(1×7+7×5)	6.4	12
45~60	77	3(1×7+7×5)	77	3(1×7+7×5)	6.4	12

HEAVY CALIBRE A\B\C PHASE WIRING TERMINAL SIZE

Way	Length of A,B,C termial boards(mm)	Hole numbers of A,B,C terminal boards	Width(mm)	Height(mm)
24~60	48	3(1×7+7×5)	6.4	12

SBTP1 SERIES

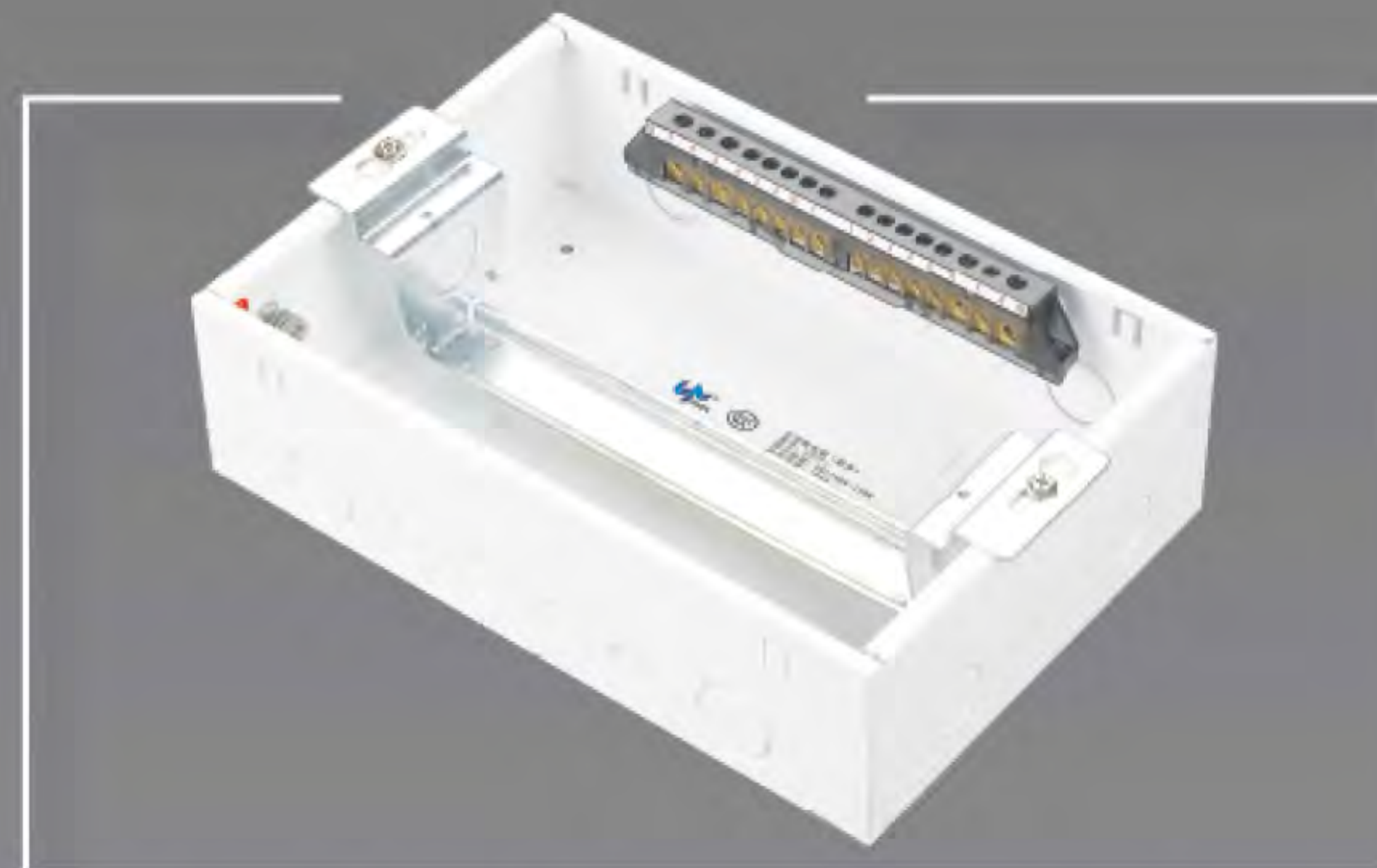
Technical Parameters

distribution box size		Single row:8,12,15,18,20ways.two rows:24,30,36,40ways,three rows:45,54,60ways;	
rated voltage		AC400V(+~20%)50~60HZ;	
rated current		8-20way 63A 24-60way 125A;	
open direction		The door opened up 90;	
cover	insulation	PC Excellent flame retardant fire extinguishing material;	
	cover color	Transparent/white;	
	standard	IEC 60439.3 GB17466.1-2008 GB17466.22-2008;	
	protective level	IEC 60529 ,IP40; Second level of protection indirect touch(insulation cover installed on fixed crew);	
Fire resistant and heat capacity anomaly		IEC 695-2-1 standard, 650 °C/30second;	
bottom case	mouting	Flush or surface mounting;	
	case material	Excellent cold-rolled steel sheet and Electrostatic spraying;	
	unique structure	Crashworthiness, easy installation ,large adjustment range and able to mount in thick wall; Case can be inverted; Safety netual and earth copper teminal designed (Exclusive patent); Perfect solution of horizontally tilting and case being installed too deep; Take TH35 standard din rail installation; The integration of the bracket enables installing circuit breaker outside the box. put the assembly into the case; Large-area A- B- C -phase connection terminal;	
		accessories	





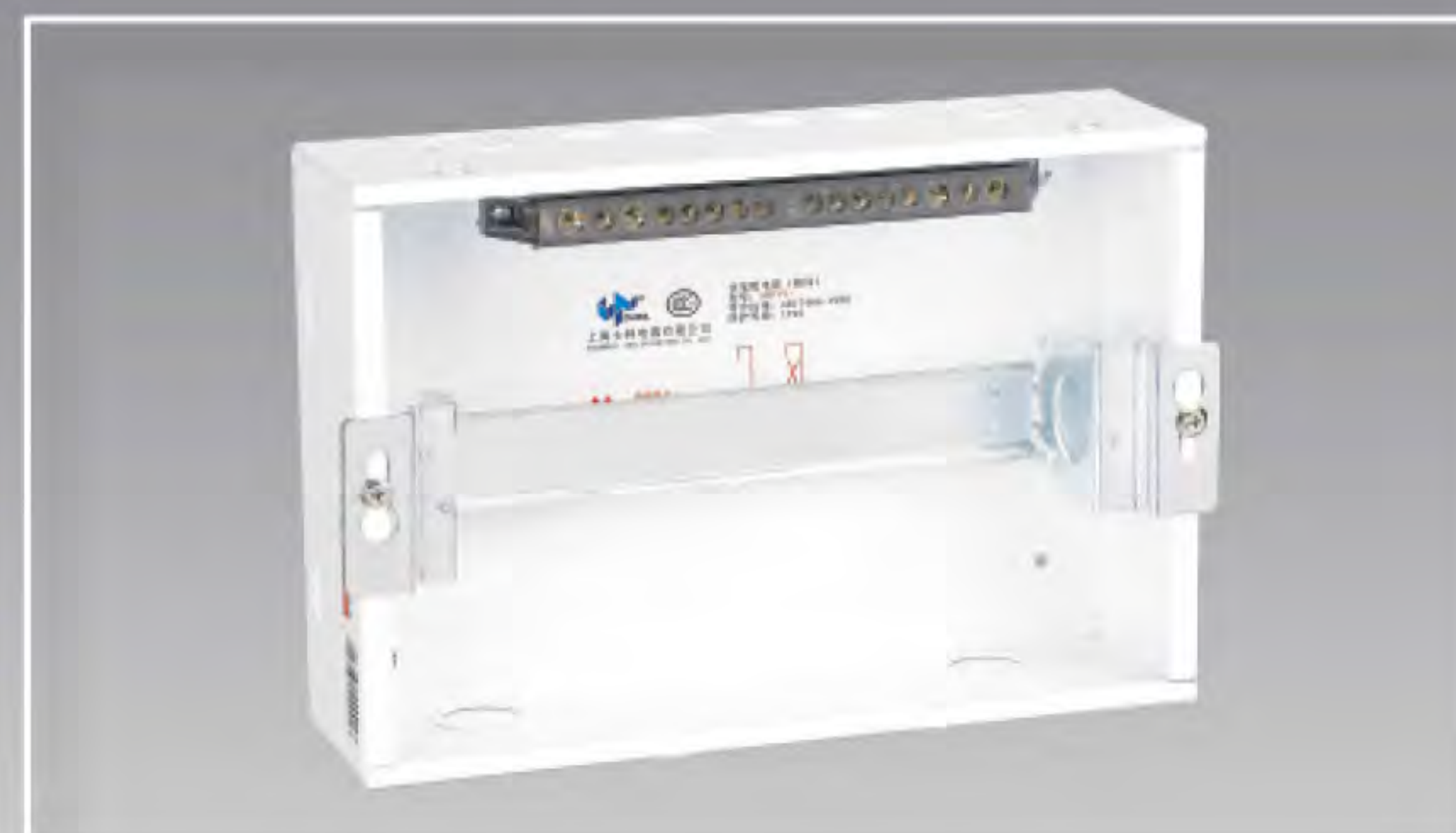
SBTP1 Series Distribution Box Inner Structure



Metal Bottom Case : All edge strengthens with double flanged, and it is made of 1.0mm thick cold-rolled steel sheets. Its surface is processed by electrostatic plastic-spraying and antirust processing .



Plastic board: board takes imported PC, with good anti-eldness and anti-shocked characters. Its insulation is perfect and it is hard to become yellow under sunshine.



Mounted : If the bottom case bureid too deep or its horizontal direction is not the same as mounting standard, electrical brackets and the board are both adjustable (in adquete range). It makes mou-nting easier and more effective.



How the bottom case connects with brackets : bottom case is embedded M5 nuts . The nut and specific fixed crew make products very secure.

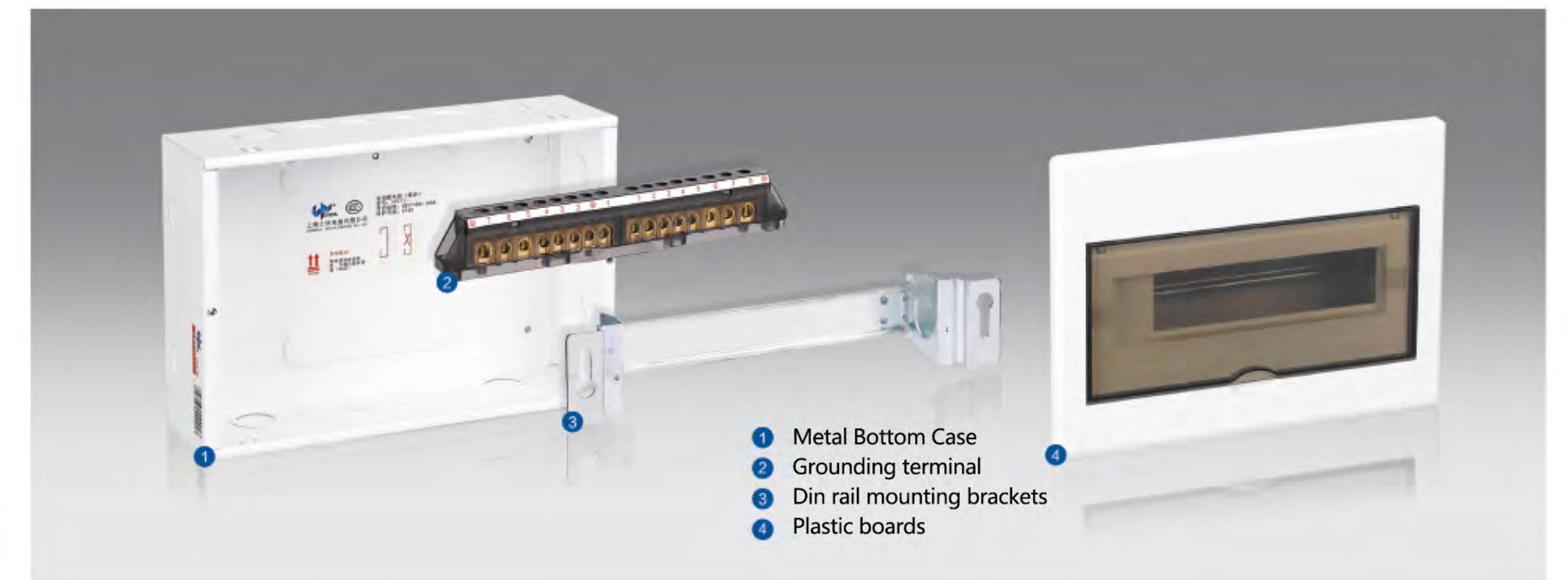


Box and PE earth terminal:composed of main grounding and vice earth termianls , whichi is safe and reliabe. (Main grounding bolt is the one fixed on the bottom case. Useres must connect them to earth terminals



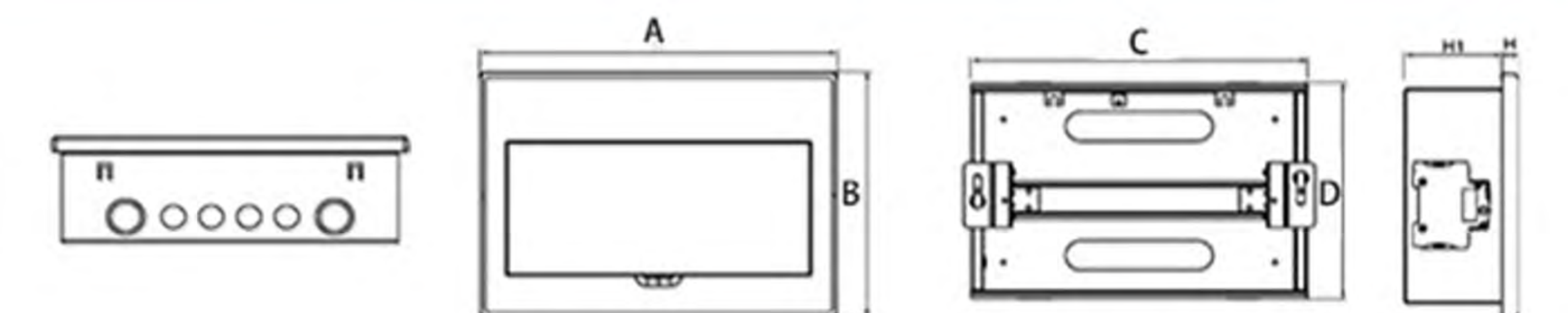
Appearance: design different size box according to different modules so it is more convenient , beautiful and cheap for us to use.

SBTP1 SERIES

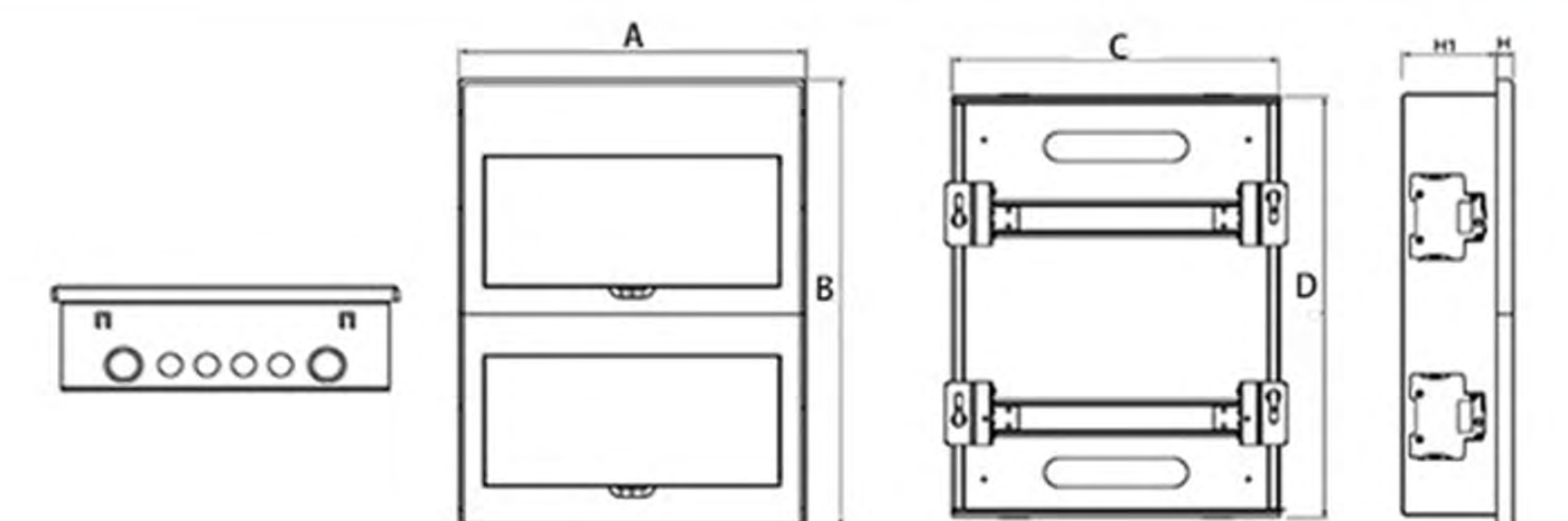


BOX APPEARANCE DIAGRAM

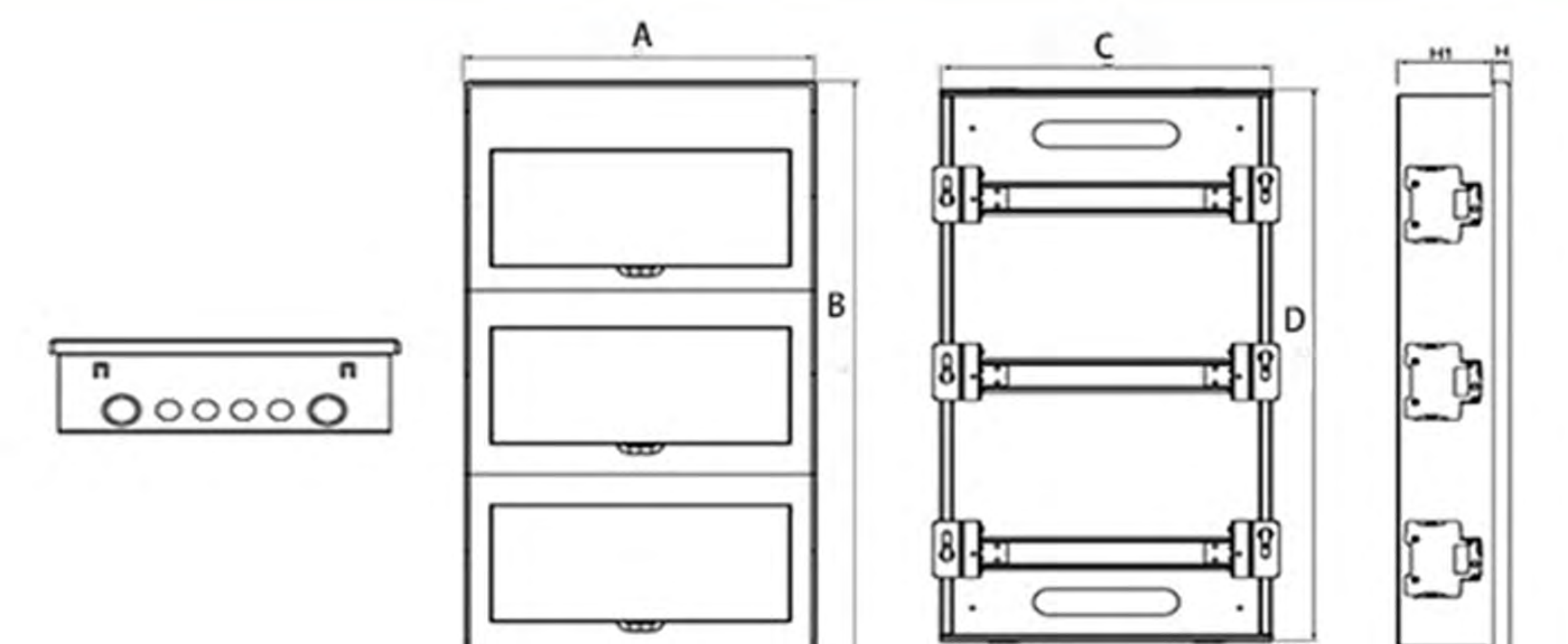
Single-row board



Two-row board



Three-row board





APPEARANCE INSTALLATION SIZE

Flush mounting/Plastic Board and Metal Case/Transparent/White opaque

(Table 1)

Model Number	Way (18mm/w)	Row	Board			Case		
			A (m/m)	B(m/m)	H(m/m)	C(m/m)	D(m/m)	H1(m/m)
SBTP1-808R	8	1						
SBTP1-812R	12	1	310	230	15	292	200	85
SBTP1-815R	15	1	364	230	15	346	200	85
SBTP1-818R	18	1	418	230	15	400	200	85
SBTP1-820R	20	1	454	230	15	436	200	85
SBTP1-824R	24	2	310	460	15	292	430	100
SBTP1-830R	30	2	364	460	15	346	430	100
SBTP1-836R	36	2	418	460	15	400	430	100
SBTP1-840R	40	2	454	460	15	436	430	100
SBTP1-845R	45	3	364	690	15	346	660	120
SBTP1-854R	54	3	418	690	15	400	660	120
SBTP1-860R	60	3	454	690	15	436	660	120

Wall mounting/Plastic Board and Metal Case/Transparent/White opaque

(Table 2)

Model Number	Way (18mm/w)	Row	Board			Case		
			A (m/m)	B(m/m)	H(m/m)	C(m/m)	D(m/m)	H1(m/m)
SBTP1-808M	8	1						
SBTP1-812M	12	1	310	230	15	310	230	85
SBTP1-815M	15	1	364	230	15	364	230	85
SBTP1-818M	18	1	418	230	15	418	230	85
SBTP1-820M	20	1	454	230	15	454	230	85
SBTP1-824M	24	2	310	460	15	310	460	100
SBTP1-830M	30	2	364	460	15	364	460	100
SBTP1-836M	36	2	418	460	15	418	460	100
SBTP1-840M	40	2	454	460	15	454	460	100
SBTP1-845M	45	3	364	690	15	364	690	120
SBTP1-854M	54	3	418	690	15	418	690	120
SBTP1-860M	60	3	454	690	15	454	690	120

SBTPI SERIES

SBTP1 Series Distribution Box

Connection accessory , switching fixed things, way dam-boards make SBTP1-8 series distribution box mounted more convenient and looked more beautiful.



Copper Busbar

Fire retardant material protection cover



circuit breaker fixing accessory:

taken standard din rail and then both fixed in left and right sides of the product. It makes the direction mounting more accurately and reliably.



Dam-board:

taking international standard module dimension(45*9mm), used in fill the empty of rest way positions for convenience of putting it on or off, for beauty.



Insulation joint

Notes of Bus Rod

1P+N bus rod(used in SBTN1 series)

Incoming

■ You should use joints when several semi flexible cables are connected .

Rated Current

■ Permitted current when 40 centidegree

□ 40A, power is introduced in from contact 1

■ Rated Insulated Voltage: 250V

■ Endurance Capacity in Short Rated Current: the same as its matched circuit breaker's breaking capacity .

Type	Bus Rod	Length
Number	(9mm times)	
Used in SBTN1 bus rod		
1P+N	1	108

1P,2P,3P,4P bus rod(used in SBTB1 series)

Incoming

■ You should use joints when several semi flexible cables are connected .

Rated Current

■ Permitted current when 40 centidegree

□ 100A, power is introduced in from contact 1

□ 125A, power is introduced in from contact 2

■ Rated Insulated Voltage: 500V (according to IEC 60664)

■ Endurance Capacity in Short Rated Current: the same as its matched circuit breaker's breaking capacity .

Type	Bus Rod	Length
Number	(18mm times)	
Used in SBTN1 bus rod		
1P	1	55
2P	1	55
3P	1	55
4P	1	55



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