

Wenzhou Safewire Electric CO.,Ltd.

SPECIFICATION SHEET

PRODUCT NAME:

Raised/access/screed Floor Socket

PRODUCT No. : HTD-626B-86



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Quick Details:

| Serial No. | Parameter | Description |
|------------|--|--|
| 1 | Safewire item | HTD-626B-86 |
| 2 | Material of cover plate | ABS |
| 3 | Material of base | 0.9mm galvanized mild steel |
| 4 | Overall Frame & Lid (mm) | 320.5*230.5 |
| 5 | Compact floor cut-out(mm) | (305-310)*(210-215)*115mm |
| 6 | Thickness of concavity/Frame lid recess (mm) | 8 |
| 7 | Installation depth(mm) | 115mm |
| 8 | Plug top clearance(mm) | 45~70 |
| 9 | Available modules | 3/4 compartment 86*146MM ways modules |
| 10 | Accessories plates | 90*80mm |

Application:

1.Feature of Safewire floorbox:

1.More capacity:8,12,16,24 way 45*45mm modules ; or 3 compartments bridges:

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8 Way Modules



12 Way Modules



16 Way Modules



24 Way Modules

2.More optional switch & socket: International 45*45mm modules,86 type,120 type etc.

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45*45mm Modules



86 Type Compartment



120 Switch Board

3.More optional installation:Horizontal,Side-mounting, Side-mounting & Horizontal;



Horizontal



Side-mounting



Side-mounting & Horizontal

5. More optional box for raised floor or concrete floor: Galvanized box, Stainless steel box and plastic box etc.



Galvanized Steel



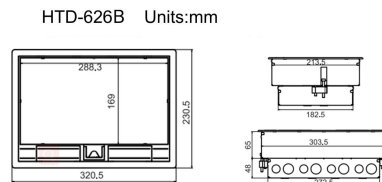
Plastic Bottom Box



Stainless steel Bottom Box

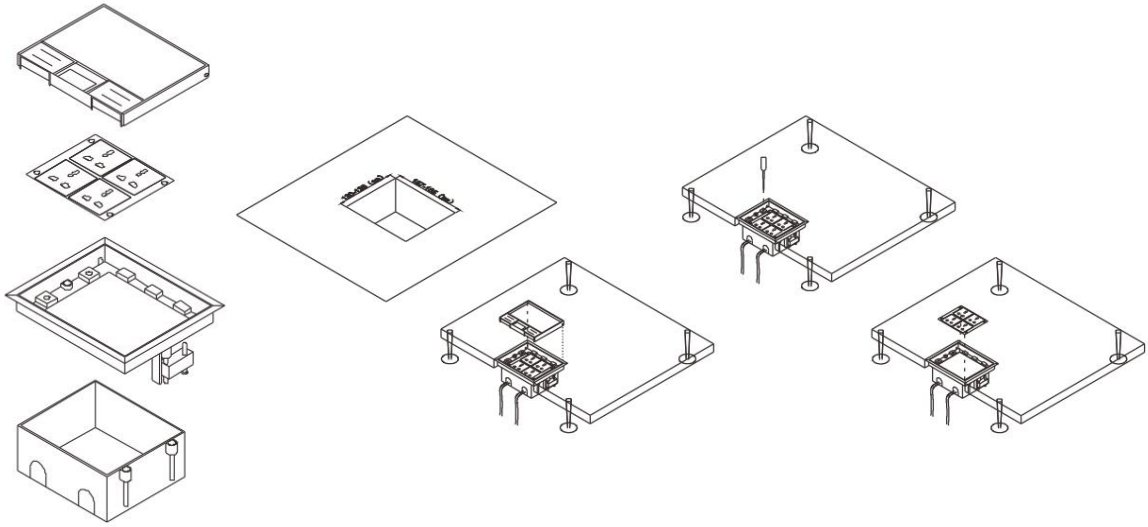
3. Specification of Safewire floorbox :

A) Product dimension:

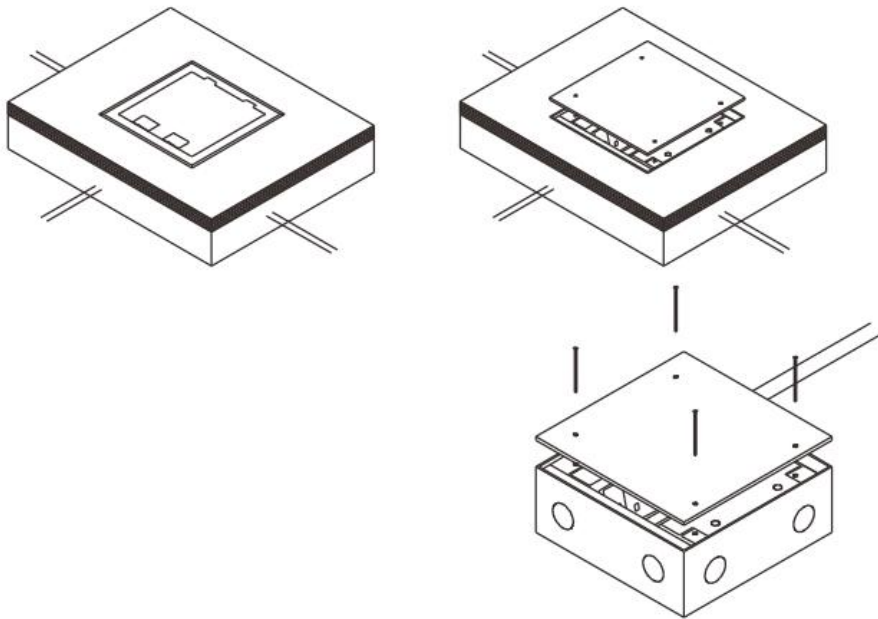


D) Safewire floorbox Application in different floor system:

Raised floor system:

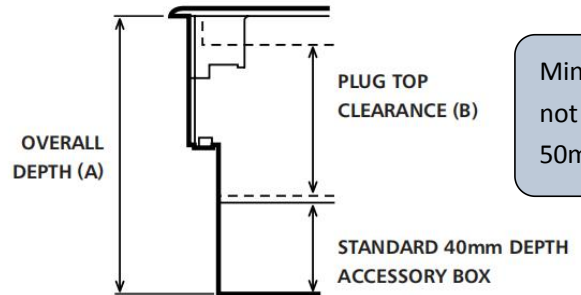
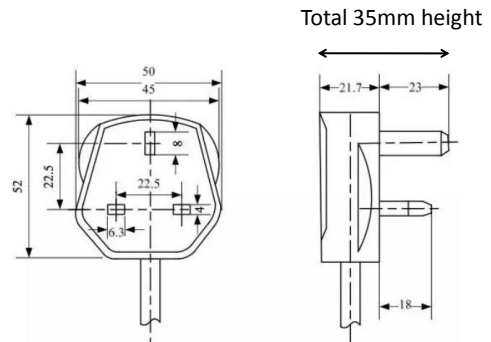
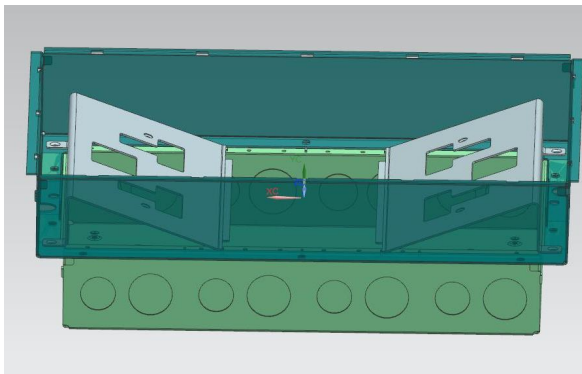
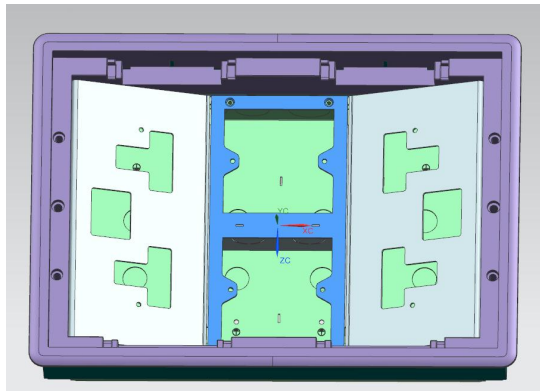


Flush floor trunking system:





Installation instructions:



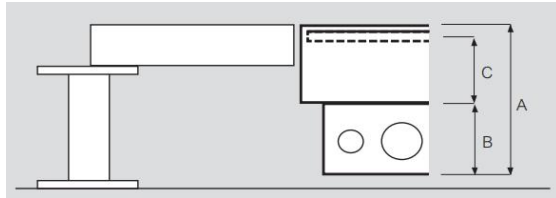
| OVERALL DEPTH (A) | PLUG TOP CLEARANCE (B) |
|-------------------|------------------------|
| 115mm | 70mm |

* General tolerance = $\pm 1.5\text{mm}$
Tile cut-out and carpet insert cutting templates are available on request

1.For concrete floor

Align floor box in centre as delivered. Bend open ears and fix to raw ceiling.

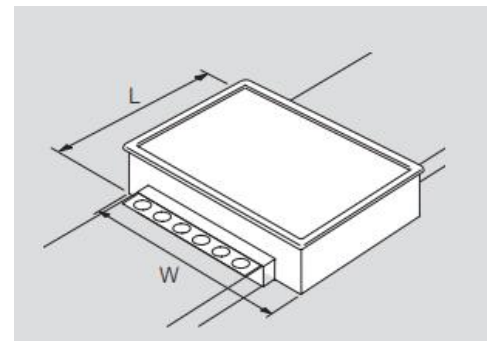
Dimensions from top of floor tile into floor void



| A (mm) | B Accessory box depth (mm) | C Underside lid to top of accessory (plug clearance) (mm) |
|-----------|----------------------------------|---|
| 113 | 48 | 65 |

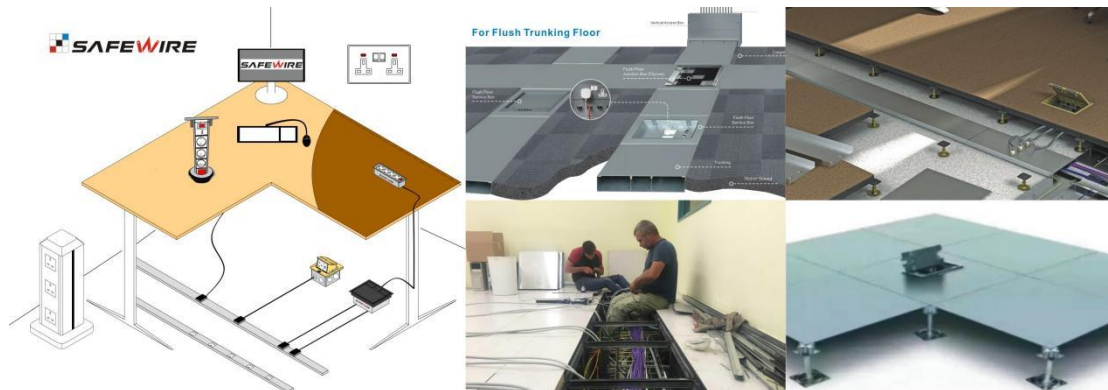
Screed floor boxes

| Safewire item | compartment | W (mm) | L (mm) |
|---------------|-------------|-----------|-----------|
| HTD-626/628 | 3/4 | 303.5 | 213.5 |
| HTD-624 | 2 | 227 | 207.5 |



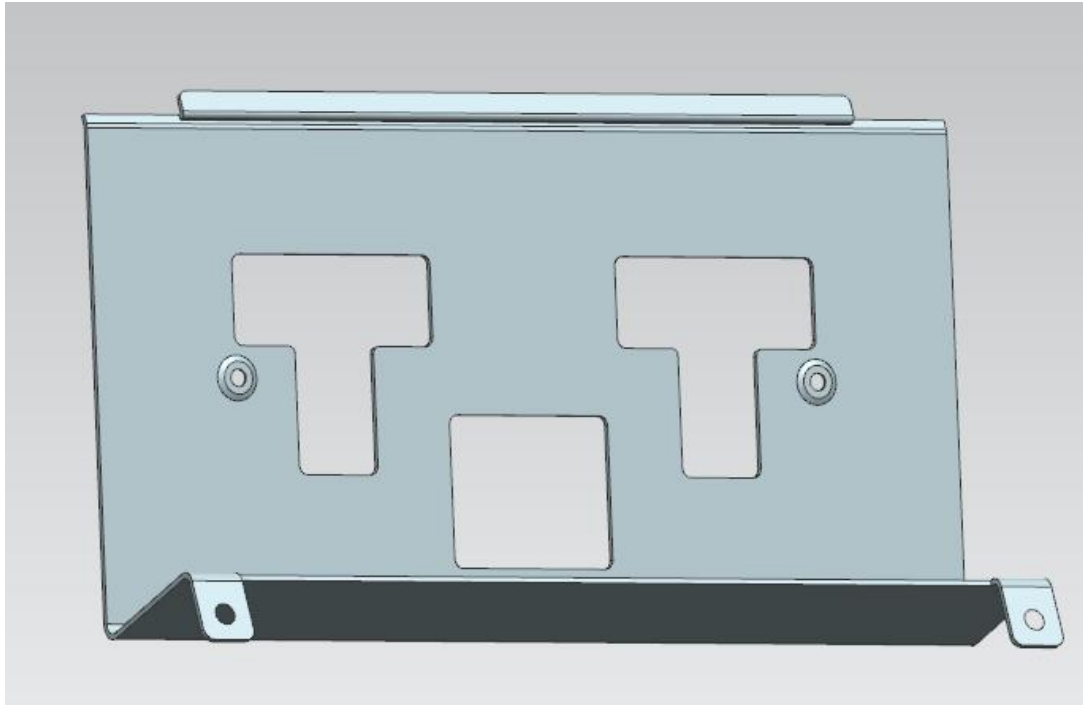
2.For raised floor

Put under floor box into cut out and adjust height. Put under floor box into hole/location of raised floor. Then move the adjustable screw in clockwise direction until screws are tightened with flooring. Lead the lines into plastic bottom box.

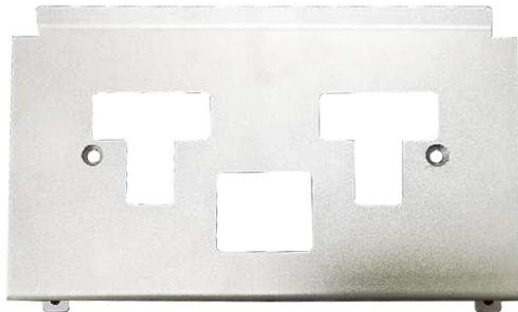


1)Installing Heavy current/Data systems

Insert heavy current devices from the top and connect from below and snap tabs into the frame; Insert connected data Jacks from below into the plate, Fasten equipped plate accordingly.



Safewire painting plate of switch socket RAL MJ-4106, screw hole is stretched



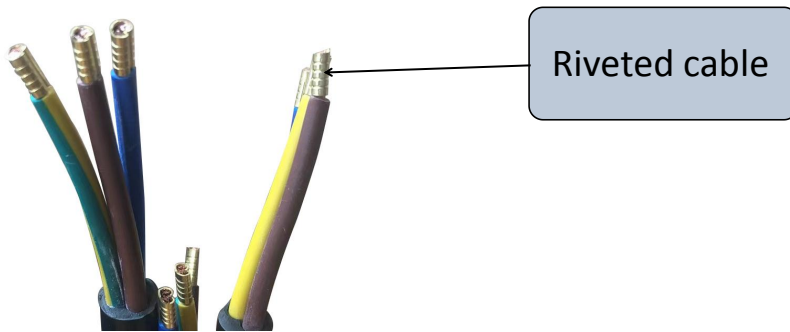
- 1.Lay -out box in floor (first step)
- 2.into 3/4 compartment (Second step)
- 3.Connecting and earthing.(Third step)

Connect heavy current/Data with the lines which are lead into bottom box.And connect earthing lines of floor cable systems with earthing screw of bottom box torque $> 0.4\text{N.m}$.Verify reliable and safe.

Wiring circuit diagram:

Available pre-wired with tap-off or supplied unassembled.

Riveted cable ends in cord



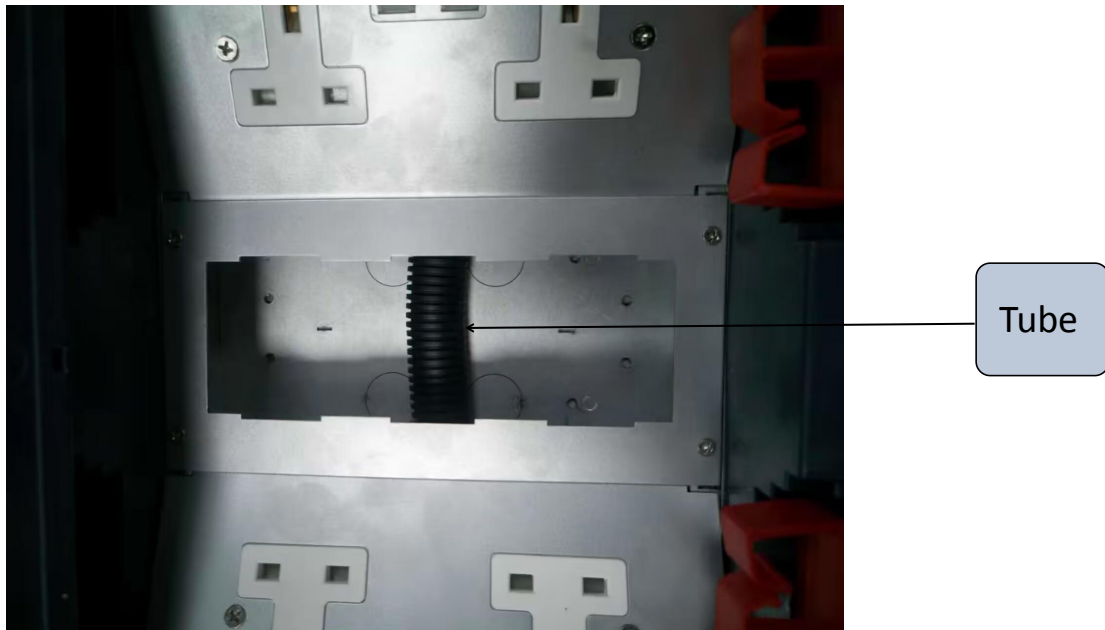
Remark:

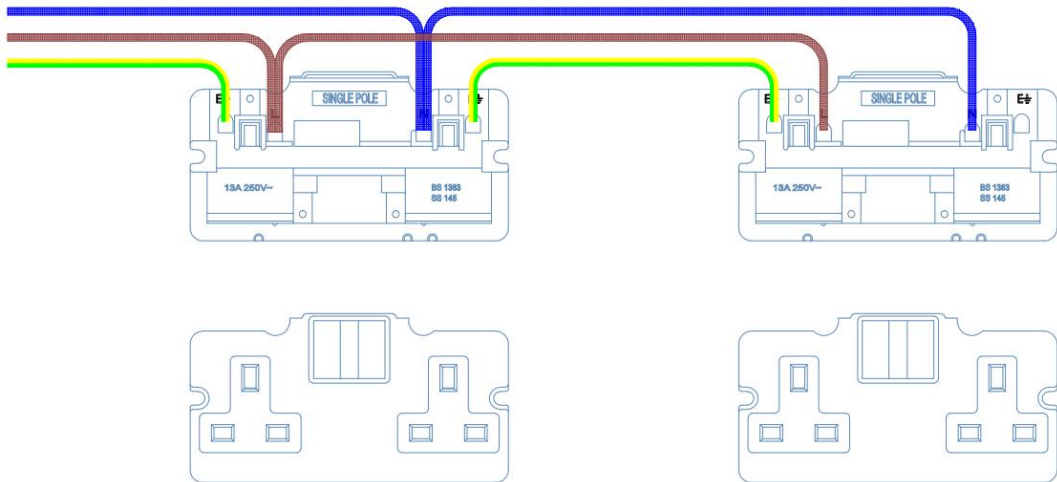
Neutral line: blue

Fire line: Brown

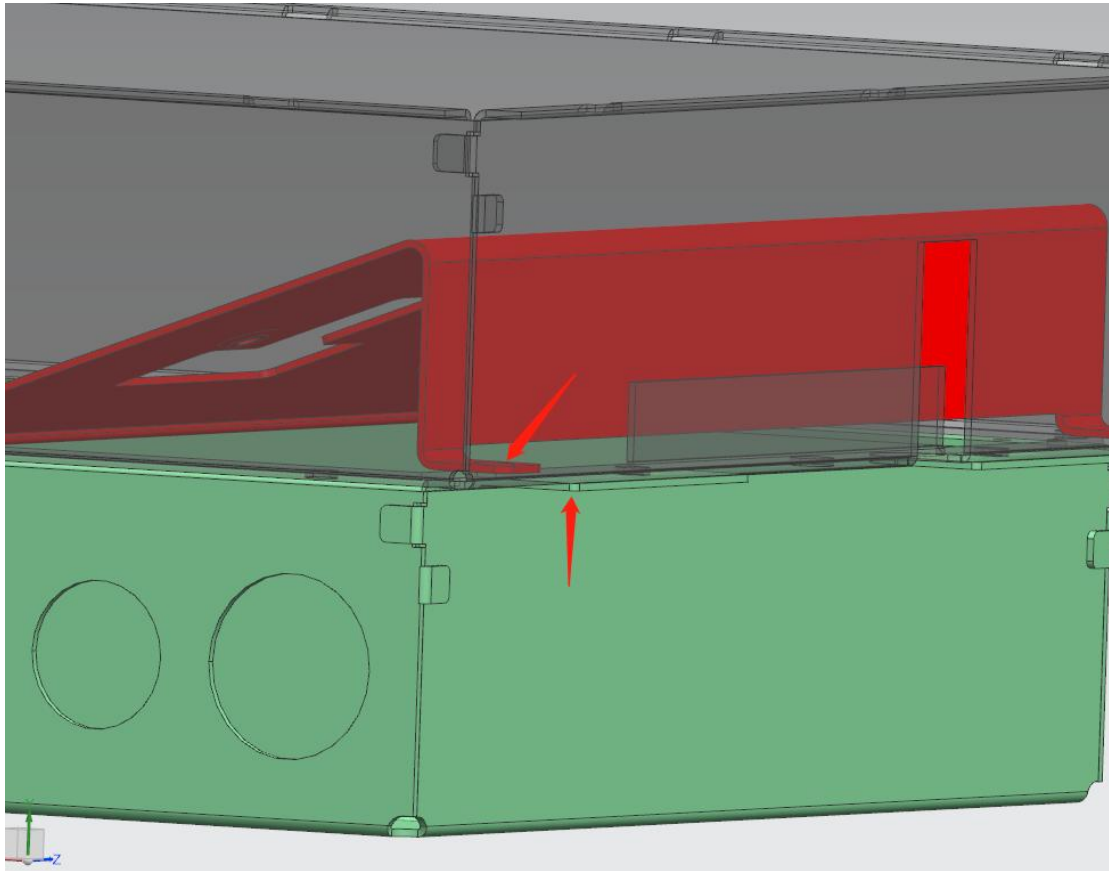
Ground wire: yellow-green

All wire cord be in tube under compartment divider



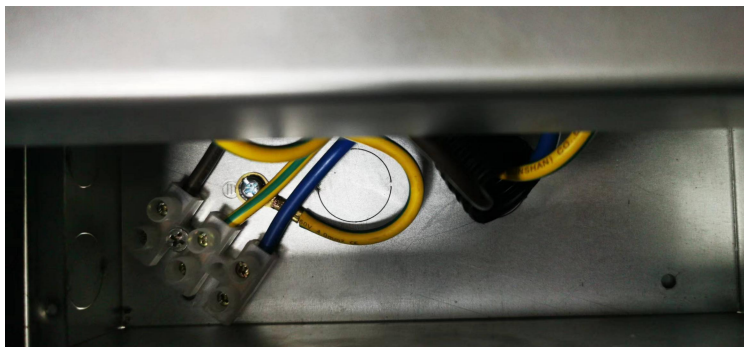


4.Slide switch socket vertical plate



5. Grounding:

(Flat head with star washer of earth in base and all cord be fitted with terminals)



6.Assembly and plug into underfloor box.

Inset heavy current and low current plugs into frame.

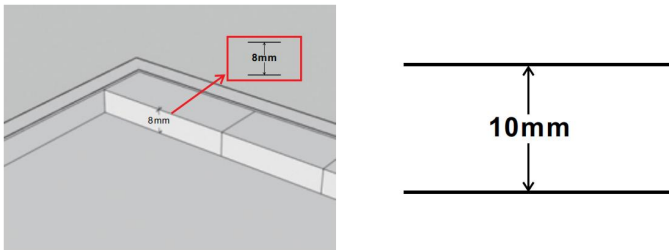
7.Levelling to floor

Lead heavy and low current plug cable cord from edge lord outlet lid.Fill the sunken area of panel neatly with filling stuff according surface material of floor .Adjust wnder floor box height flush over the four levelling screws.

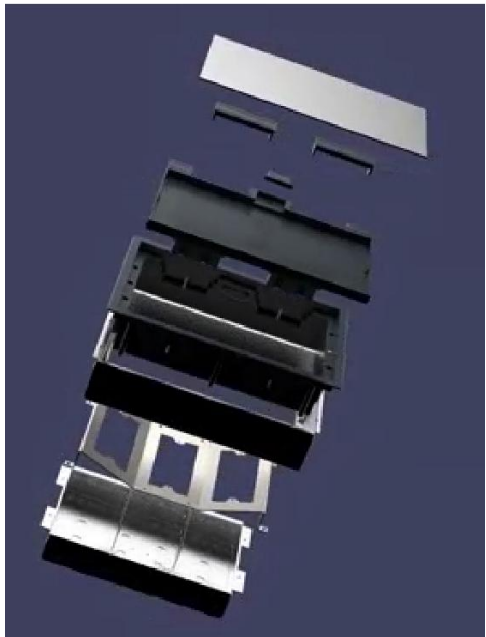
Floor tile/carpet recess depth



Max.8/10mm cavity for marble/carpet



Product display



3/4 compartment configuration

Painting switch socket plate



Over 90 ° degree plate






Round shap corner






20/25mm knockouts for flexible conduit


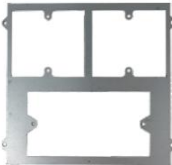


Mounting plate

A

| 4 compartment | Bridges picture | Description | Dimension |
|---------------|---|--|------------|
| SAP01 |  | Duplex switch socket of BS 13A | 250 X 77mm |
| SAP02 |  | 4 ways Internet data such as telephone and computer | 250 X 77mm |
| SAP03 |  | Accessory plate for compartment plate without cutout | 250 X 77mm |

B

| 3 compartment | Bridges picture | Description | Dimension |
|---------------|---|--|------------------------|
| SAP028 |  | Punched plate for 2 gang accessories | 120-6mm fixing centres |
| SAP024 |  | 4*Data/telecom plate | 37*22mm cut-outs |
| SAP025 |  | 6* Data/telecoms plate | 37mm X 22mm cut-outs |
| SAP026 |  | Punched plate for 2*1 gang accessories | 60-3mm fixing centres |
| SAP027 |  | 4*Euro ,45*67.5MM module | 45*67.5mm cut-outs |

| | | | |
|--------|--|--|--------------------------------|
| SAP030 |  | Punched plate for 2*2 gang accessories | 120-6mm+120-6mm fixing centres |
| SAP031 |  | 2*86 switch socket +1*146 switch socket | 2*86mm+1*146mm cut-outs |
| SAP032 |  | 4*86*86mm switch socket | 86*86mm cut-outs |
| SAP070 |  | 3*Euro telephone/Data power socket | 45*45mm cut-outs |

C Optional RCD

Aluminum alloy 86 wire drawing panel



Stainless steel 86 panel









3. Switch socket



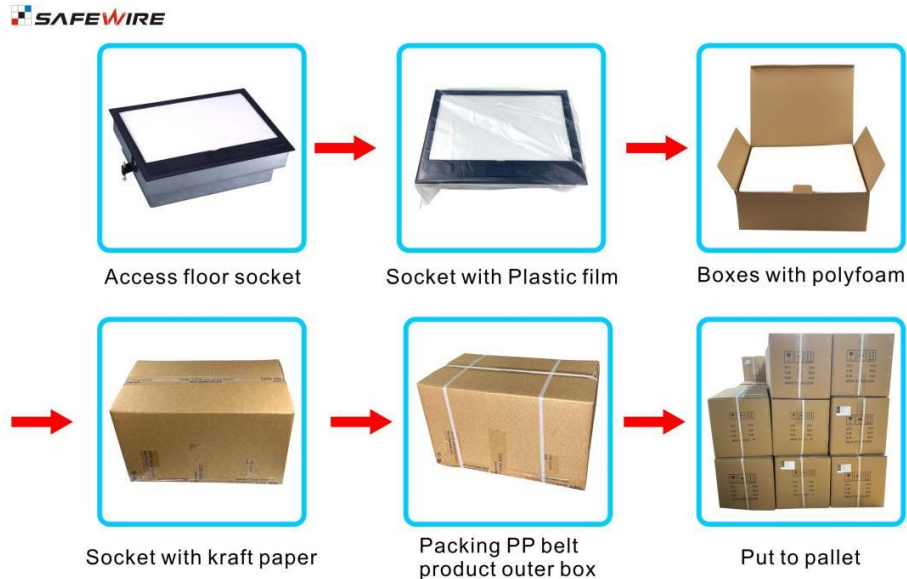
4. 128 Modules socket

| | | | | | | | |
|---|---------|----------------------------------|-------------|---|---------|----------------------------------|-------------|
|  | 23x72mm | Thailand 6 Pin Power socket | white/black |  | 23x72mm | NEMA5-20R 20A 6 Pin Power socket | white/black |
| CP5-2 | | | | CP7-2 | | | |
|  | 23x72mm | NEMA5-15R 16A 6 Pin power socket | white/black |  | 23*36mm | RJ11 telephone models | white/black |
| CP6-2 | | | | CD-2-2 | | | |

Item: HTD-626-RCD



package :



Attentions:

- 1.When installing and wiring,Product should avoid direct contact with corrosive liquid, gas (strong acid, strong alkali, paint).
- 2.Please close cover when not used.

Safety Warning:

- 1.This is a class I product and must be earthed
- 2.This product must be installed/wired by a qualified electrician
- 3.For indoor use only.
- 4.For concrete floor/access floor.base on different bottom box.