Wenzhou Safewire Electric CO.,Ltd.

SPECIFICATION SHEET

PRODUCT NAME:

3/4 Compartment Raised Floor Socket

PRODUCT No.:   HTD-626B-86

Address:2nd floor, Wealth Garden, Liushi town, Yueqing,   Wenzhou,China ,325604

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(WEB):   http://www.safewirele.com

Quick Details:

Serial No.	Parameter	Description
1	Safewire item	HTD-626B-86
2	Material of cover plate	ABS
3	Material of base	Thickness 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 86mm/146mm/45mm/120mm ways modules international socket
10	Accessories plates	90*80mm

Feature of Safewire floorbox   :

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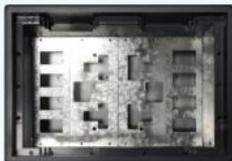

| 8 Way Modules | 12 Way Modules | 16 Way Modules | 24 Way Modules |

A) 4 compartment 77mm bridges of switch socket:

B).3 compartment 146 & 86mm bridges of switch socket:

C).3 compartment 86*77mm bridges of switch socket:

D).1 compartment of 120 bridges of socket and data:

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

45*45mm Modules   86 Type Compartment   120 Switch Board

2

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

| Vertical Installation | Horizontal Installation | Vertical & horizontal Installation |

4.More optional box : Galvanized box, Stainless steel box and plastic box etc.

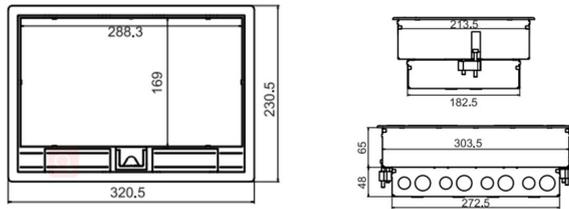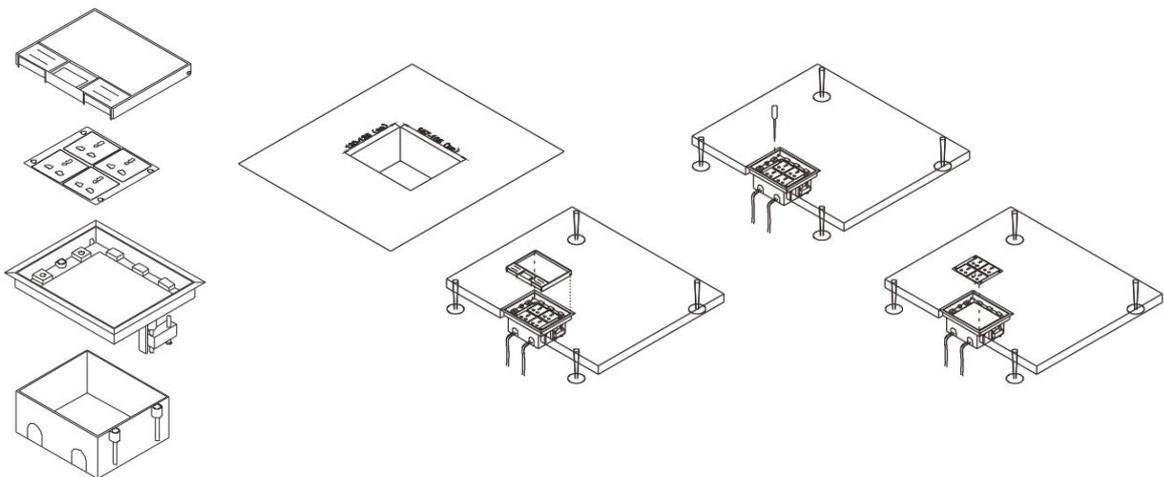| Galvanized Steel | Plastic Bottom Box | Stainless steel Bottom Box |

Specification of Safewire floorbox :
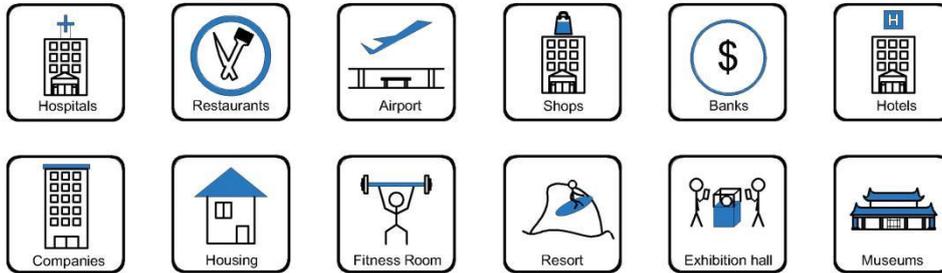
A)Product dimension:

HTD-626B   Units:mm

288.3 · 169 · 230.5 · 320.5 · 213.5 · 182.5 · 65 · 48 · 303.5 · 272.5

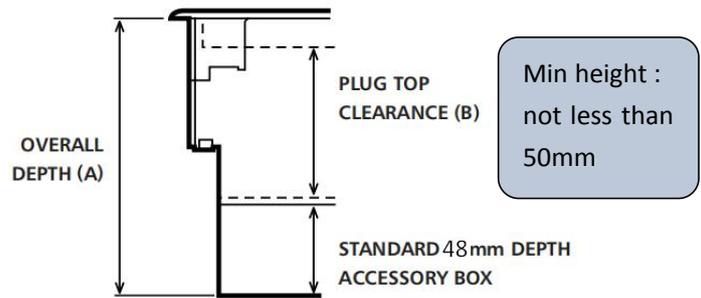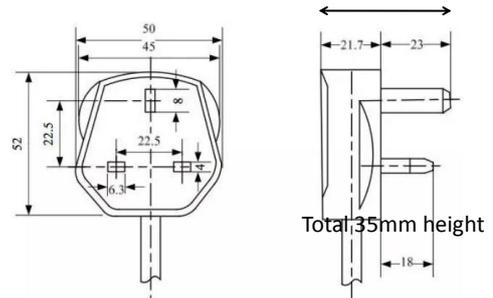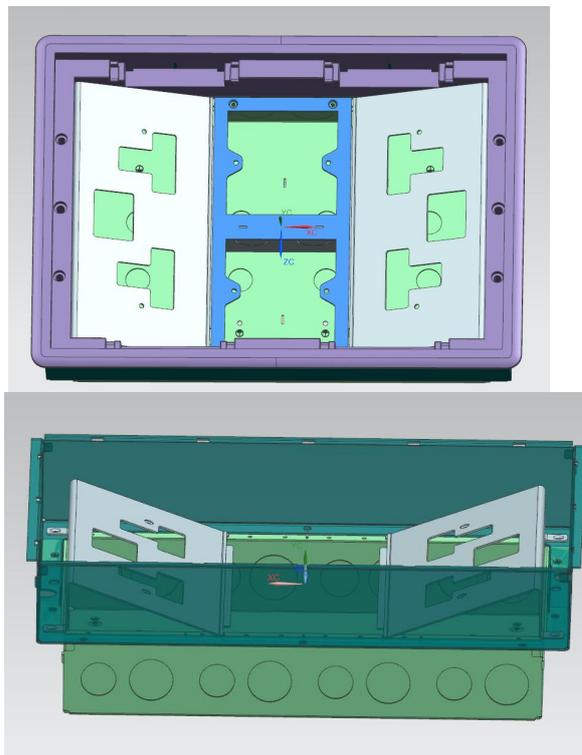## B)Safewire floorbox Application in different floor system:

Raised floor system:

Flush floor trunking system:
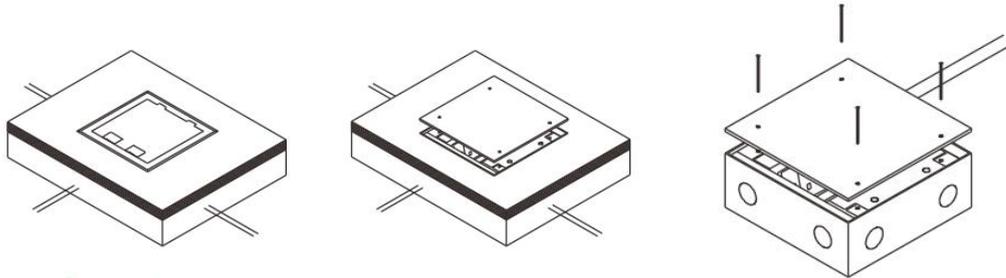
Installation instructions:

Total 35mm height

PLUG TOP
CLEARANCE (B)

OVERALL
DEPTH (A)

Min height :
not less than
50mm

STANDARD 48mm DEPTH
ACCESSORY BOX

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

*   General tolerance = ±1.5mm

Tile cut-out and carpet insert

cutting templates are available on

request

1.For concrete floor

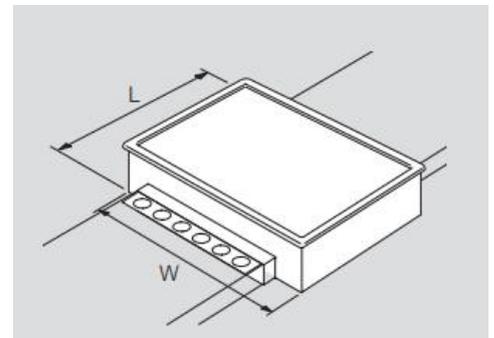Align floor box in centre as delivered.Bend open ears and fix to raw ceiling.

Dimensions from top of floor tile into floor void
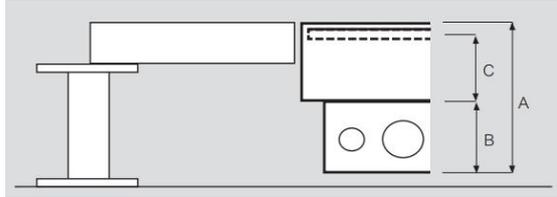
| A (mm)	B Accessory box depth (mm)	C Underside lid to top of accessory(plug clearance) (mm)
115	48	50

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.
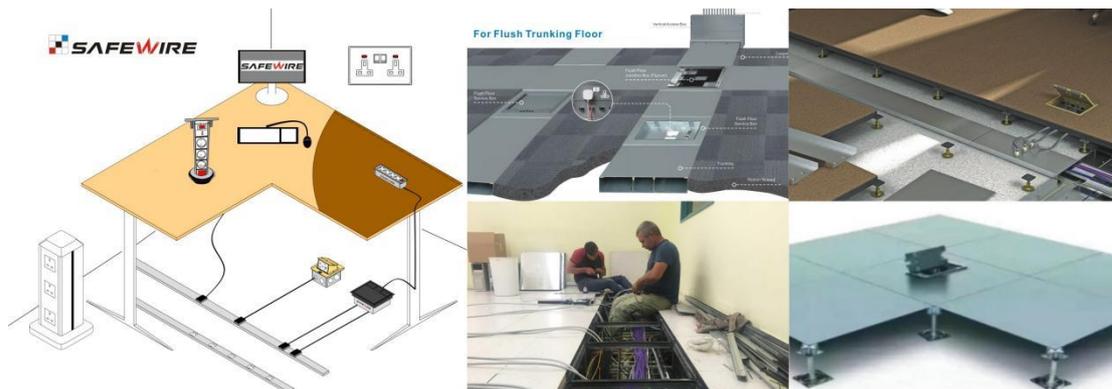
1)Installing Heavy current/Data systems

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

Mounting plate CAD&Real picture:

| Item	CAD	Real picture	Item	CAD	Real picture
SAP051			SAP050		
Safewire painting plate of switch socket RAL MJ-4106, screw hole is stretched					
SAP027			SAP025		
SAP031			SAP026		
SAP024			SAP070		
SAP032			SAP040 & SAP041		
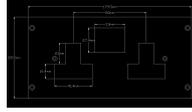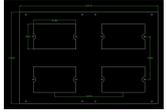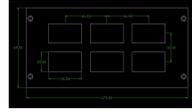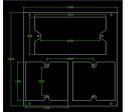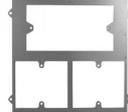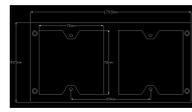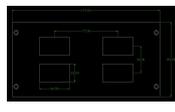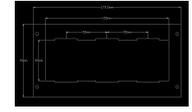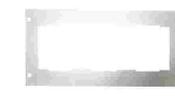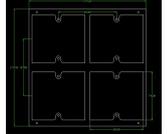
1.Lay -out box in floor (first step)

2.into 3/4 compartment (Second step)

3.Connecting and earthing.(Third step)

Connect heavy carrent/Data with the lines which are lead into bottom box.And connect earthing lines of floor cable systems with earthing screw of bottom box torgue＞0.4N.m.Verify reliable and safe.

Wiring circuit diagram：

Available pre-wired with tap-off or supplied unassembled.
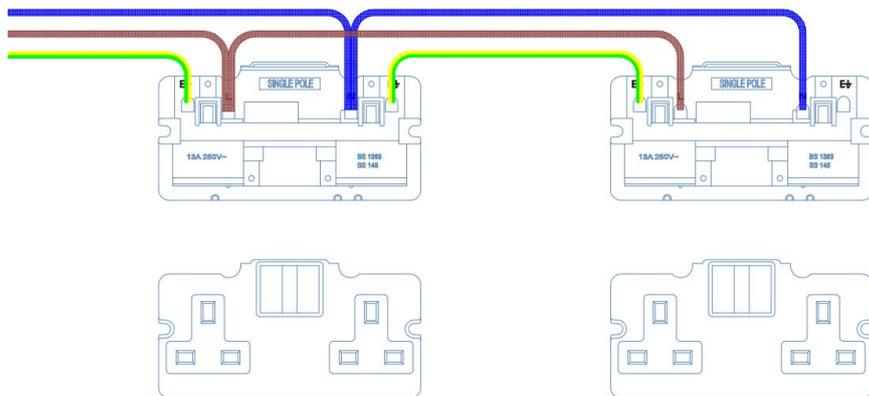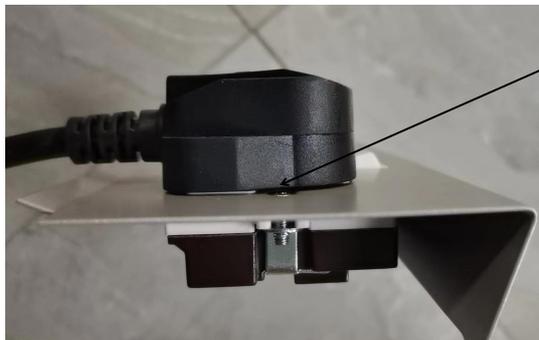
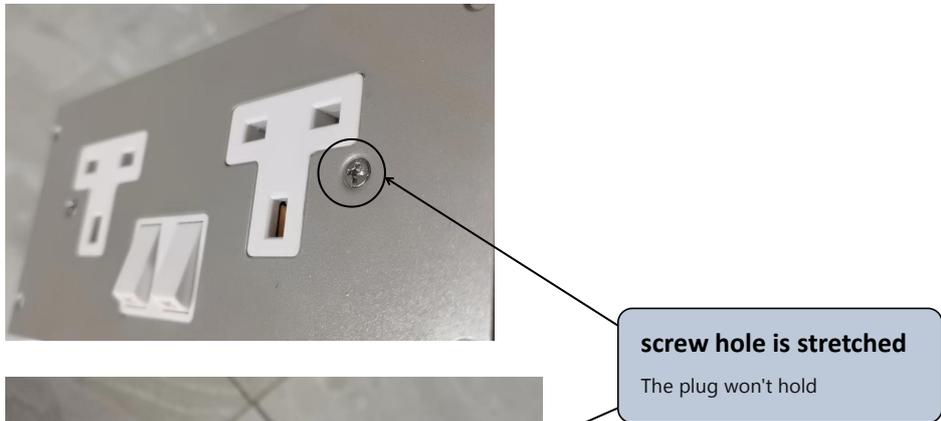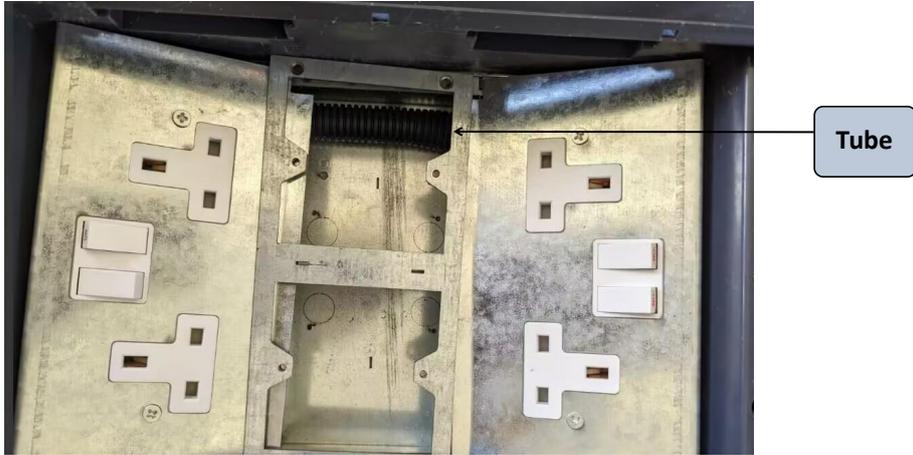Riveted cable ends in cord
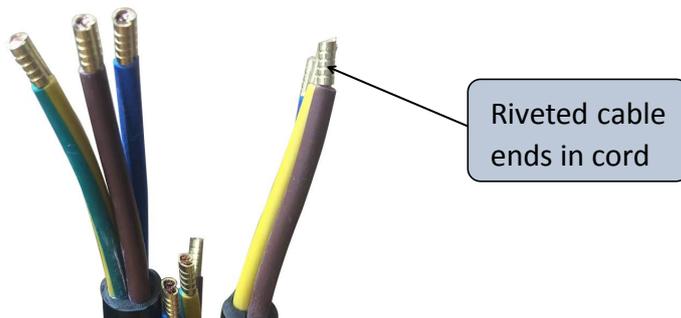
Remark：

Neutral line: blue

Fire line: Brown

Ground wire: yellow-green

All wire cord be in tube under compartment devider

Tube

screw hole is stretched

The plug won't hold

4.Slide switch socket vertical plate
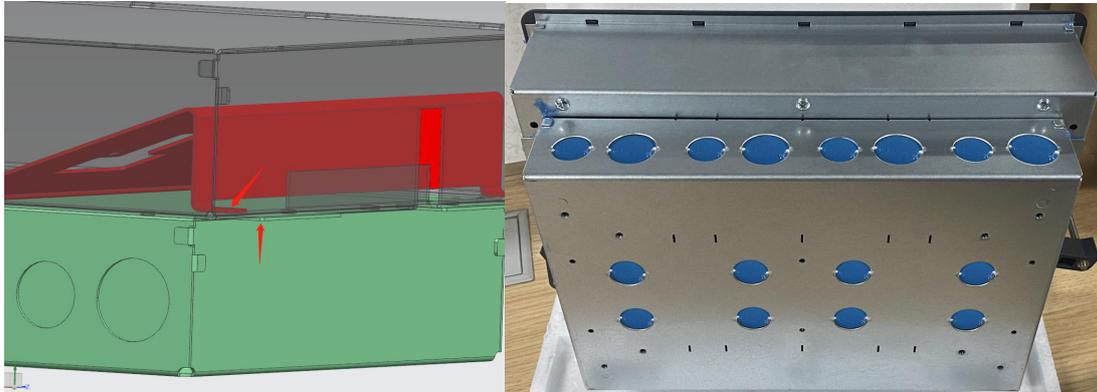
1)The bottom box outlet hole and screw hole are stretched   2) Anti-rust film to prevent scratching

5.Grounding：

（Flat head with star washer of earth in base and all cord be fited with terminals）
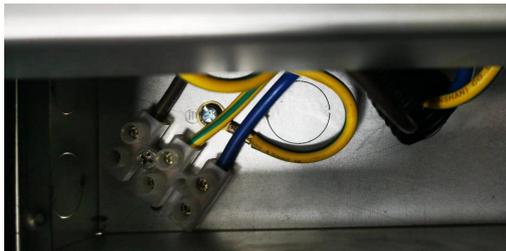
6.Assembly and plug into underfloor box.

Inset heavy carrent and low carrent 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 under floor box height flush over the four levelling screws.

Floor tile/carpet recess depth   **Product display**
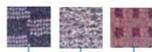
HTD-XXXAS
Cover middle can be filled

HTD-XXXSS
Filled with Plastic plate

HTD-XXXSP
Filled with SUS plate

Max.8/10mm cavity for marble/carpet

8mm

8mm

10mm

8

3/4 compartment configuration

Painting switch socket plate

Over 90° degree plate
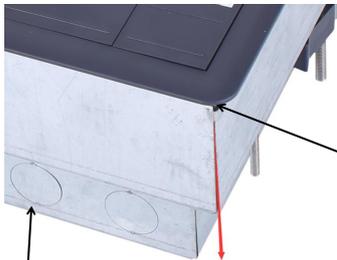
Round shap corner

20/25mm knockouts for flexible conduit

Mounting plate

A

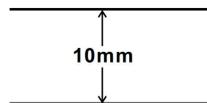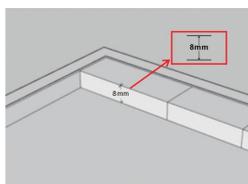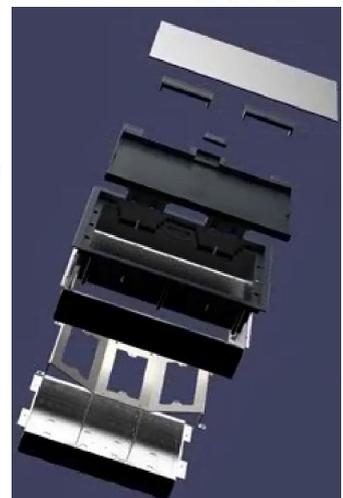| 4 compartment	Bridges picture	Description	Dimension
SAP01		Duplex switch socket of BS 13A	250 X 77mm
SAP02		4 ways Internet data such as telephone and computer	250 X 77mm
SAP03		Accessory plate for compartment plate without cutout	250 X 77mm

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
SAP033		1*Circuit breaker	86mm
SAP040		4*Network module for 4 compartment	58mm
SAP041		Duplex switch socket of BS 13A,4 compartment	77mm
SAP050		Duplex switch socket of BS 13A,3 compartment horzontial installation,	86mm
SAP051		Duplex switch socket of BS 13A,3 compartment ,Side mounting;	86mm
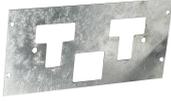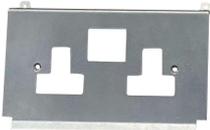
C Optional RCD,SAA Certificate socket,GFCI outlet & Multimedia

Aluminum alloy 86 wire drawing panel

S601	S602	S603	S604	S605	S606
S607	S608	S609	S610	SDVI-1	SDVI-2

Stainless steel 86 panel

S601-T	S602-T	S603-T	S604-T

SAFEWIRE BS/UK UKCA BS72880 RCD0230SMG	HT-86SS
	HT-146TS
	SCF-SSS
	RCD0130FPW

3.Switch socket

AS314	AS316	AS313-USB	AS323/AS324

4.128 Modules socket

CP5-2	23x72mm	Thailand 6 Pin Power socket	white/black
CP6-2	23x72mm	NEMA5-15R 16A 6 Pin power socket	white/black

CP7-2	23x72mm	NEMA5-20R 20A 6 Pin Power socket	white/black
CD-2-2	23*36mm	RJ11 telephone models	white/black

Optional Configuration

A) 3 compartment

146mm side-install&86mm	146mm side-install&45mm	Network module &86mm&146mm	86mm&Network module

			Item：HTD-626-RCD
120mm bridge	146mm bridge	MCB Circuit breaker	146mm bridge

B) 4 compartment

146mm& Network module

package :

Access floor socket

Socket with Plastic film

Boxes with polyfoam

Socket with kraft paper

Packing PP belt product outer box

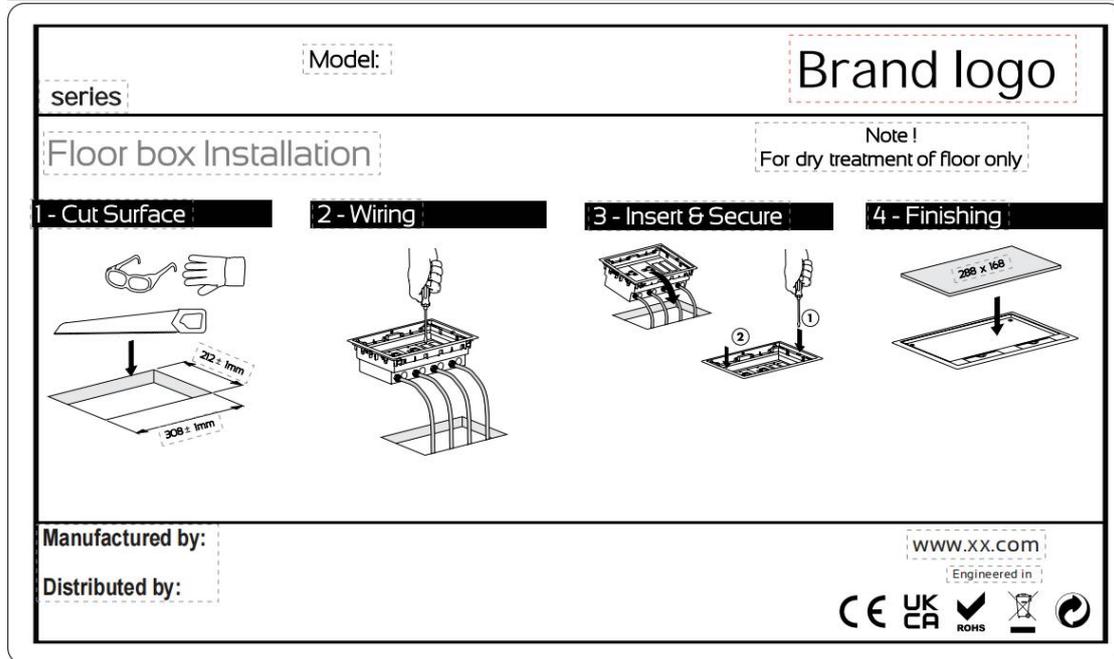Put to pallet
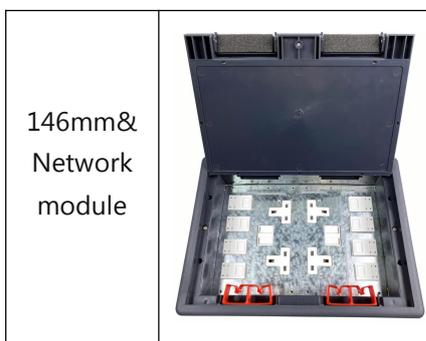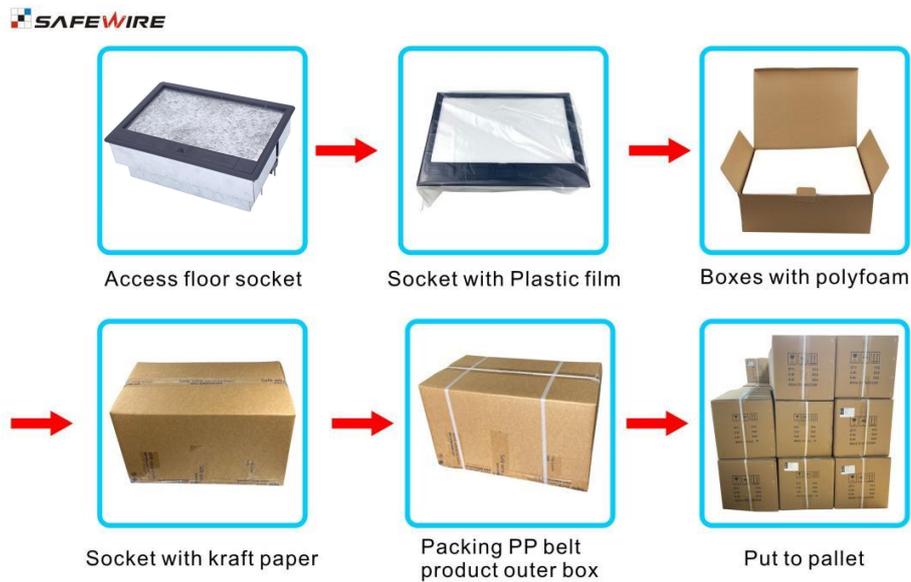
Instruction sticker

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.