

Wenzhou Safewire Electric CO.,Ltd.

# SPECIFICATION SHEET

**PRODUCT NAME:** underfloor socket

**PRODUCT No. :** HTD-628AS-CK

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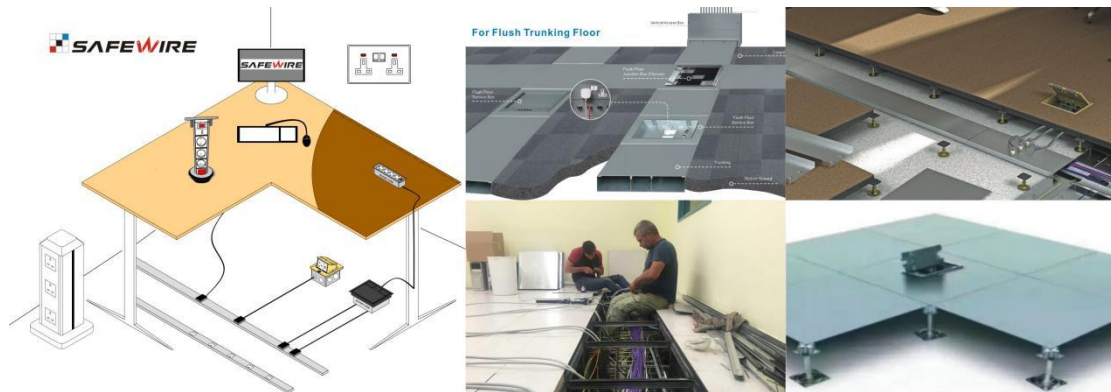
(E-mail) : [info@safewirele.com](mailto:info@safewirele.com)

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

## Quick Details:

Serial No.	Parameter	Description
1	Safewire item	HTD-628AS-CK
2	Material	ABS, galvanised steel
3	Overall Frame & Lid (mm)	328*230.5
4	Compact floor cut-out(mm)	(305-310)*(210-215)
5	Available modules	16 ways 45modules
6	Measurement/CTN(CN)	52.5*35.5*24

## Application:



## 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

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



45\*45mm Modules



86 Type Compartment



120 Switch Board

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



Horizontal

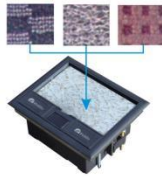


Side-mounting



Side-mounting & Horizontal

4. More Optional surface with carpet/Marble .



HTD-XXXAS  
Cover middle can be filled



HTD-XXXSS  
Filled with Plastic plate



HTD-XXXSP  
Filled with SUS plate

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



Galvanized Steel



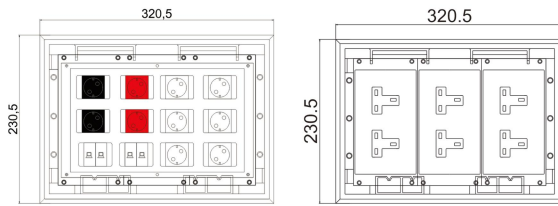
Plastic Bottom Box



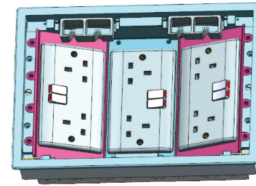
Stainless steel Bottom Box

## Advantage of Safewire floorbox :

**1. More capacity:**



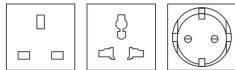
**2. More installation:**



**3. More International:**

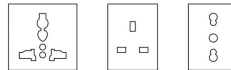
1. 1.45\*45mm Modules

**45**



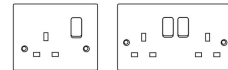
2. 128 Type series

**128**

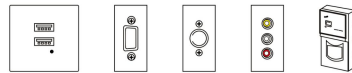


3. 86/146 Type module socket

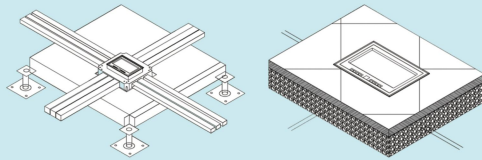
**86**



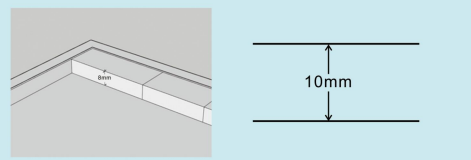
4. 5V 4.2A USB charger、HDMI、Cat6、RCA、and so on



**4. Optional Raised/underfloor system:**

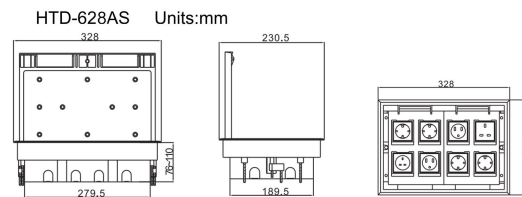


**5. Max.8/10mm cavity for marble/carpet**



## Specification of Safewire floorbox :

**A)Product dimension:**



**B)Available installation modules/socket/accessories:**

1. 45\*45mm Modules







2. BS/UK type switch socket and UKCA and BS7288 certificate RCD switch socket











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			

**C)FACTA class/EN124 class load of coverplate:**

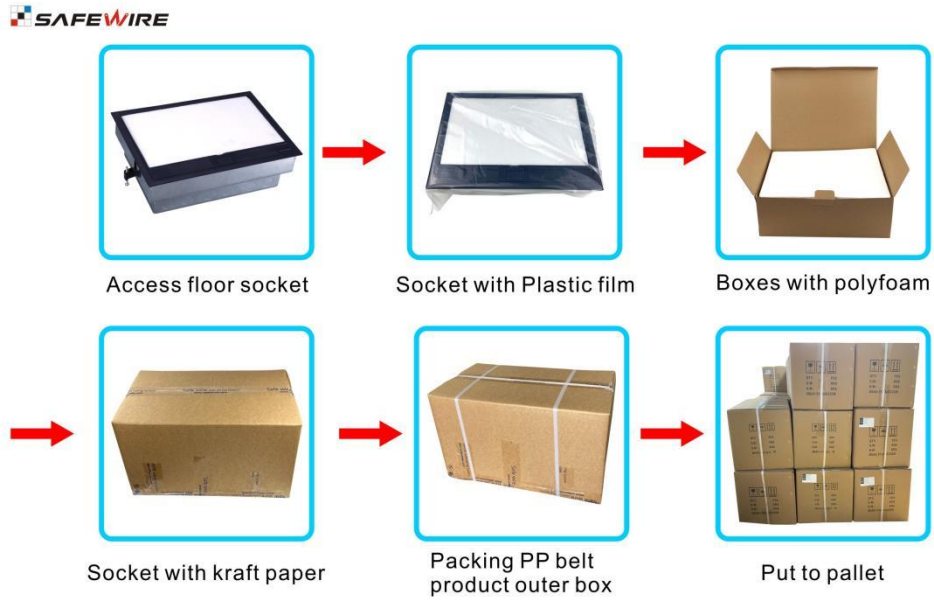
FACTA Class	En124 Class	GLW Gross laden Vehicli Weight (slow moving)	Wheel Loads		Typical Applications	
			Wheel Loads*(slow moving)Pneumatic	Wheel Loads *(slow moving) Soild	Pneumatic Tyres	Solid Tyres
 A	A15	Pedestrian duty	0.6 tonne(5KN)	N/A	Internal and external areas which can only be used by pedestrians or cycles ie. toilets, changing rooms, footways and cycle tracks	
 AA	N/A	5 tonne	1.5 tonne(15KN)	N/A	Very light industrial areas, where small trolleys and private cars/ vans can manoeuvre i.e. Domestic driveways, trolley parks, hospital wards, underground car parks	
 AAA	N/A	10 tonne	2.5 tonne(25KN)	0.5 tonne	Delivery/ service areas,shopping malls, light industrial areas	Light industrial areas,where trolleys and light pallet trucks operate
 B	B125	Up to 44 tonne	5.0 tonne(25KN)	0.75 tonne	Pedestrian precincts,forecourts, commercial delivery/ parking areas	Factories, industrial plants, where pick-up trucks and small pallet trucks operate
 C	C250	Up to 44 tonne but under special conditions	6.5 tonne(65KN)	1.0 tonne	Factories, industrial plants, special axle loads, kerb side drainage	Industrial areas where pallet and small forklift trucks operate
 D	D400	Up to 44 tonne but under special conditions	11.0 tonne(108KN)	3.0 tonne	Heavy duty plant areas carriage -ways and industrial service roads where fast moving HGVs reach speeds of 32 km/h max	Heavy duty industrial areas where medium duty fork-lift trucks operate
 E	E600	Special application vehicles	16.0 tonne(158KN)	5.0 tonne	Dockside and container storage areas where heavy transporters operate	Very heavy industrial areas where large heavy duty fork-lift trucks operate
 F	F900	Special application vehicles	24.0 tonne(237KN)	N/A	Civil and military airfield aprons, where particularly heavy wheel loads are imposed by aircraft and towing vehicles	

**D)Safewire floorbox Application in different floor system:**

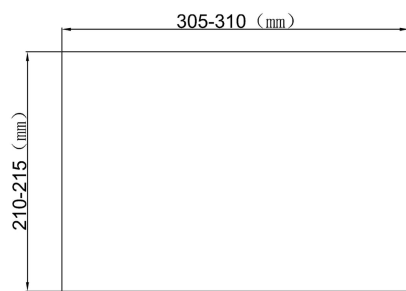


**E)Safewire optional of economical package :**



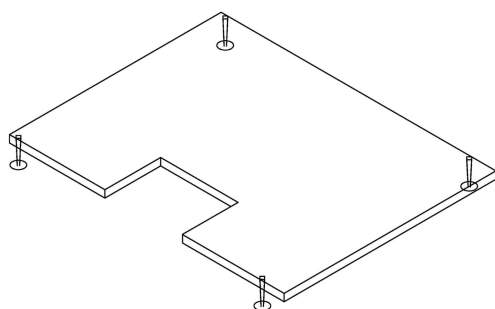


**Installation instructions:**

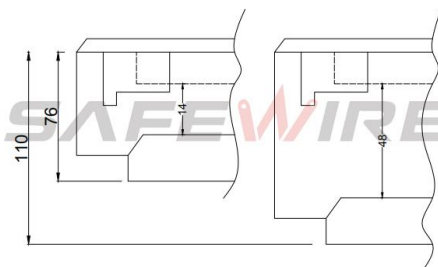


CUT OUT SIZE

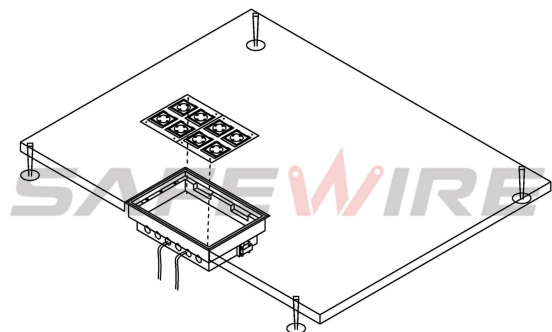
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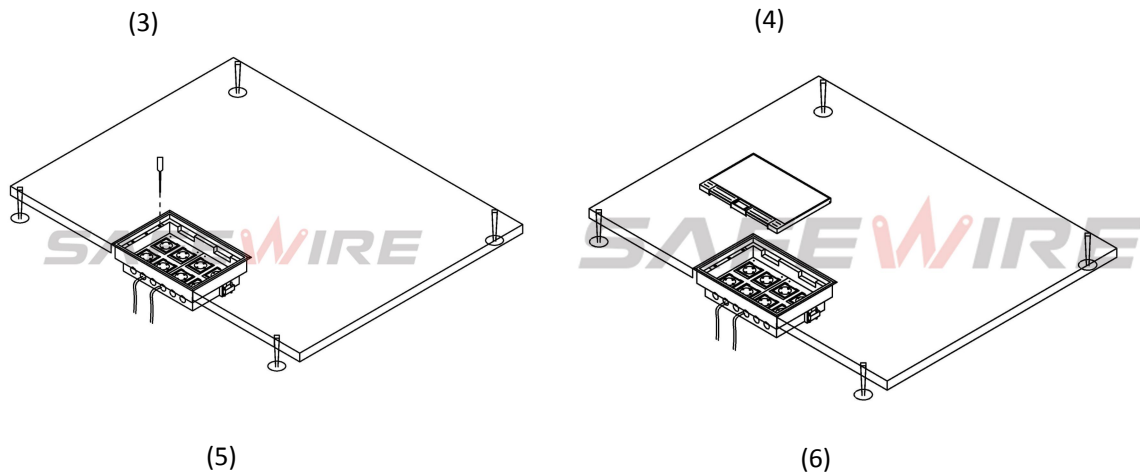


Installation depth(mm): 76-110  
Plug top clearance(mm): 14-48



(2)





1.Floor box(For concrete floor)

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

2.Steel armored conduit(For trunking system/Access floor).Bend open perforation in the sides of floor box and insert steel armored conduct.

3.Put under floor box into cut out and adjust height(For raised floor) .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.

4.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.

5.Connecting and earthing.

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.

6.Assembly and plug into underfloor box.

Inset heavy current and low current plugs into frame.

7.Single outlet

Lead heavy and low current plug cable cord from edge lord outlet lid.

Filling stuff and levelling to floor

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.





**Attentions:**

- 1.Dispose of trash in bottom box and prevent dirt and debris from entering inside.
- 2.The sealing ring is closely attached to the smooth surface to prevent water leakage.
- 3.When installing, pay attention to the opening direction,the length of the conductor to the bottom box shall not exceed 10cm,Set aside at least 200mm of cable.
- 4.When installing and wiring,Product should avoid direct contact with corrosive liquid, gas (strong acid, strong alkali, paint).
- 5.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.