FDB

FLOOR DISTRIBUTION BOX

ELECTRA CO.

FLOOR DISTRIBUTION BOX
INTRODUCTION

The Floor Distribution Box is an underground system that is fixed to the floor once installed.

The design has many benefits including flexibility in installation and conjunction, as well as the ability to regulate if tilted, with the help of adjustable pedestals.

The plinth box that holds FDB to the ground is spaciously designed to hold multiple pipes and cable trays from each side. Its slightly larger size enables its flexibility of usage.

There are two types of Floor Distribution Boxes, Types I and II. Type I comes in two sizes only, whereas Type II comes in three sizes that include different numbers of rows and modules.

FLOOR DISTRIBUTION BOX
INSTALLATION

1

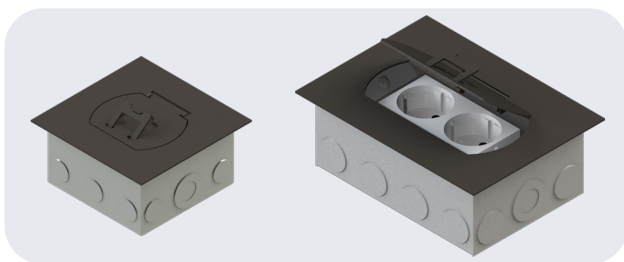Underground connections from the four sides via pipes or cable trays.

2

Final installation stage with the removable lid

3

The removable lid can be replaced with the desired material
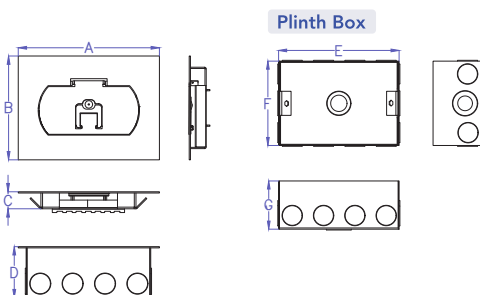* Depth of cavity is 12.5 mm

TYPE I
SPECIFICATIONS

ONE-PIECE TOP COVER & SOCKET HOLDER

- 1.5 mm thick stainless steel 316
- **OR** 1.5 mm thick galvanized steel sheet welded and coated with dark gray epoxy-polyester powder RAL 7022
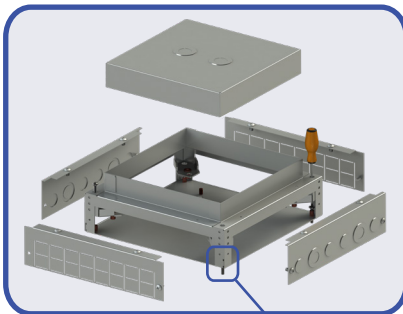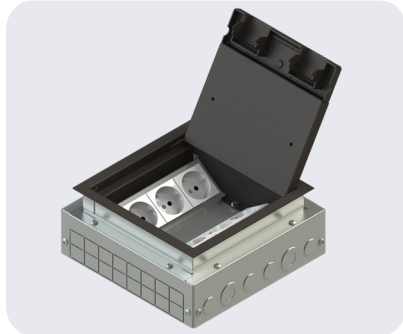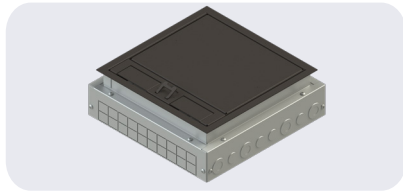
PLINTH BOX

- 1mm thick galvanized sheet steel welded and coated with smoke-gray epoxy-polyester powder
- It has punched pipe knockouts from each side.

REFERENCES
& DRAWINGS

Plinth Box

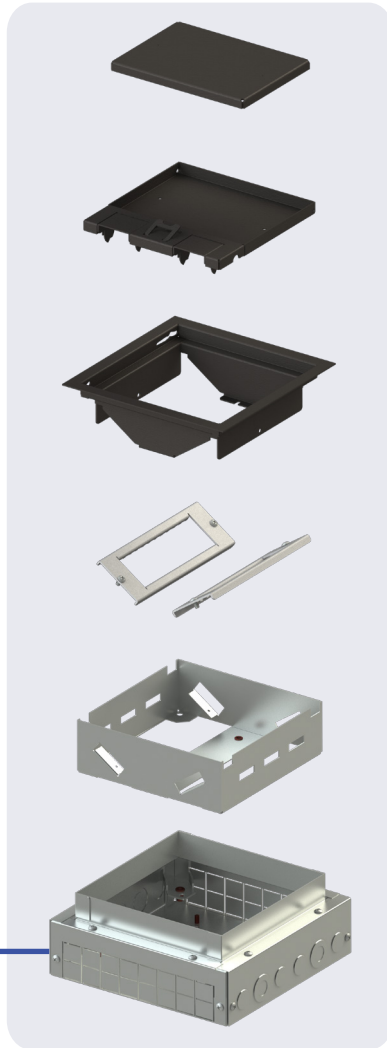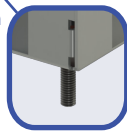| FDB References (Galvanized Steel)	FDB References (Stainless Steel)	Modules	Rows	Floor Distribution Box Dimensions (mm)						
				A	B	C	D	E	F	G
FDB2.GS-2M	FDB2.SS-2M	2	-	125	125	25	61.5	105	105	60
FDB2.GS-4M	FDB2.SS-4M	4	-	170	125	25	61.5	150	105	60

The plinth box comes with removable side planks and adjustable pedestals. A disposable lid can be added as an option.

REMOVABLE "SNAP-IN" COVER

- 2 mm thick stainless steel 316
- **OR** 2 mm thick galvanized steel sheet coated with epoxy-polyester powder RAL 7022

TRAP HINGE COVER

- 1.5 mm thick stainless steel 316
- **OR** 1.5 mm thick galvanized steel sheet coated with epoxy-polyester powder RAL 7022

FRAME COVER

- 1.5 mm thick stainless steel 316
- **OR** 1.5 mm thick galvanized steel sheet coated with epoxy-polyester powder RAL 7022

SOCKET CHASSIS

- 2 mm thick galvanized steel sheet coated with epoxy-polyester powder RAL 7035
- Compatible with **Legrand®** Sockets
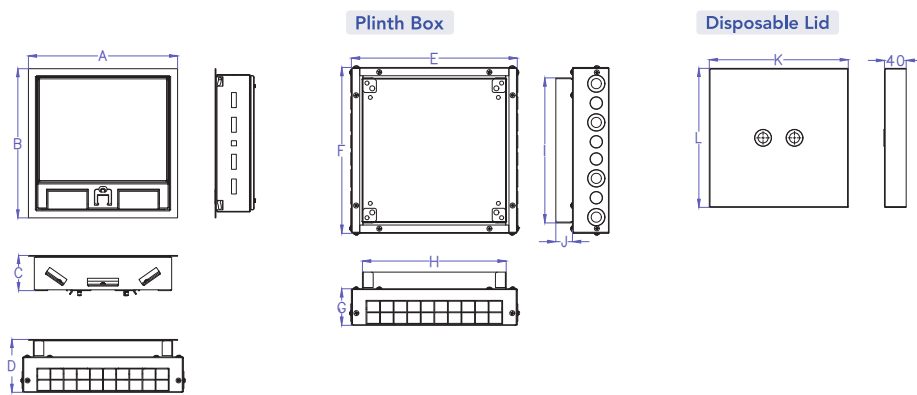 *[Other brands are available upon request]*

TRAP

- 1 mm thick galvanized steel sheet coated with epoxy-polyester powder RAL 7035

PLINTH BOX

- 1.25 mm thick galvanized base box
- 1 mm thick galvanized side planks with pre-punched duct and pipe knockouts
- 2 mm thick galvanized pillars and corners
- Plinth box welded and coated with smoke-gray epoxy-polyester powder
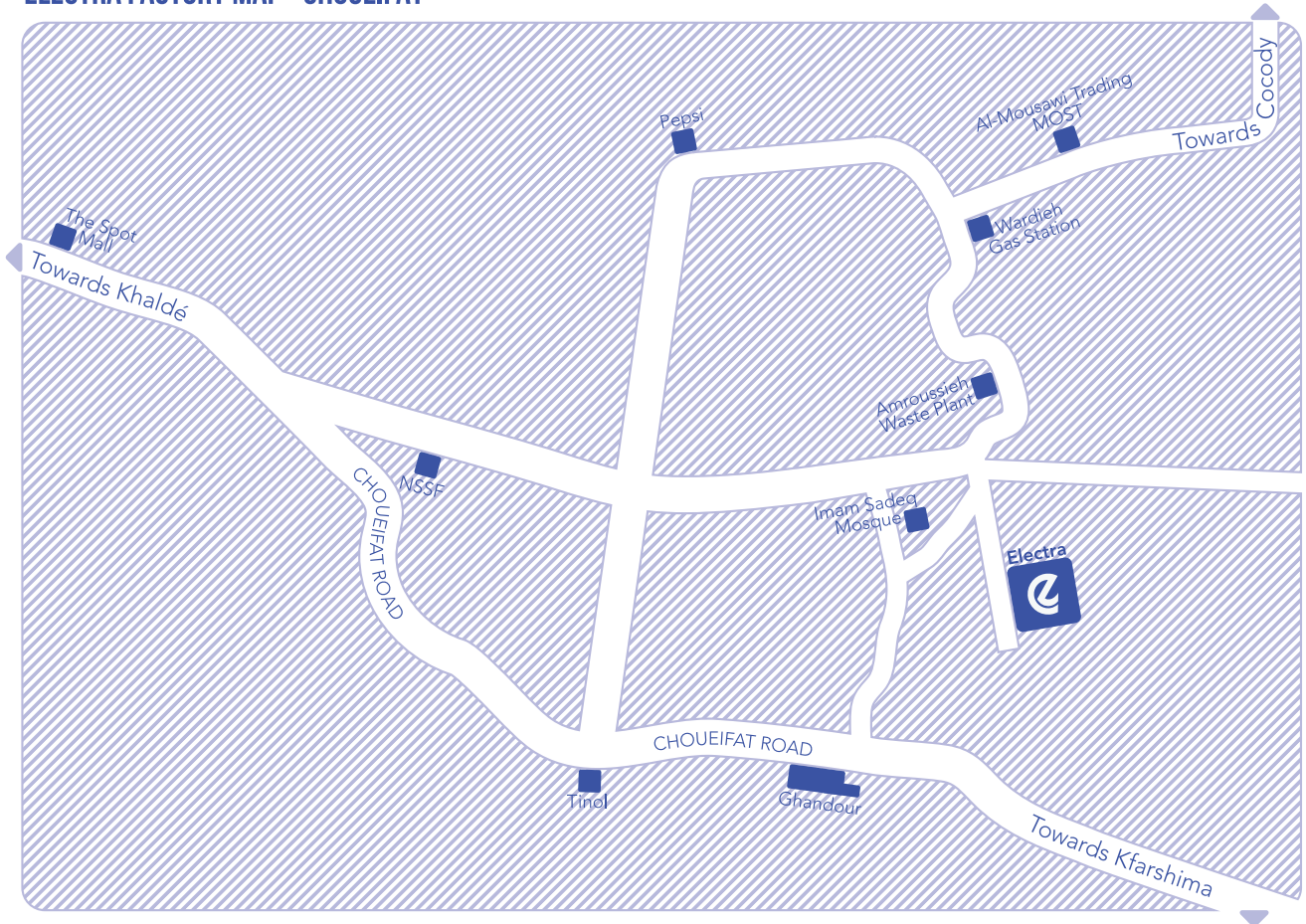- Earth studs

REFERENCES
& DRAWINGS

Plinth Box

Disposable Lid

FDB References (Galvanized Steel)	FDB References (Stainless Steel)	Modules	Rows	Floor Distribution Box Dimensions (mm)										Disposable Lid References	Disposable Lid Dimensions	
				A	B	C	D	E	F	G	H	I	J		K	L
FDBA.GS-BGS-6M2R	FDBA.SS-BGS-6M2R	6	2	209	209	64.5	98.5	230.5	230.5	65	191	193.25	32	FDB-DL.GS-6M2R	187	187
FDBA.GS-BGS-9M2R	FDBA.SS-BGS-9M2R	9	2	209	278	64.5	98.5	230.5	299.5	65	191	262.25	32	FDB-DL.GS-9M2R	187	256
FDBA.GS-BGS-9M3R	FDBA.SS-BGS-9M3R	9	3	278	278	64.5	98.5	299.5	299.5	65	260	262.25	32	FDB-DL.GS-9M3R	256	256

ELECTRA HEADQUARTERS MAP - HARET HREIK

Airport Bridge

Ghoubeiry Square

Moucharafieh Roundabout

OLD SAIDA ROAD

OLD AIRPORT ROAD

HARET HREIK STREET

BIR EL-ABED STREET

HADI NASRALLAH STREET

Mar Mikhael Church

OLD SAIDA ROAD

CAMIL CHAMOUN BOULEVARD

OLD AIRPORT ROAD

OLD AIRPORT - HAZMIEH ROAD

OLD AIRPORT - HAZMIEH ROAD

Electra

OLD AIRPORT - HAZMIEH ROAD

La Galerie Semaan

Towards Hazmieh

ELECTRA FACTORY MAP - CHOUEIFAT

Towards Cocody

Pepsi

Al-Mousawi Trading MOST

The Spot Mall

Towards Khaldé

Wardieh Gas Station

CHOUEIFAT ROAD

NSSF

Amroussieh Waste Plant

Imam Sadeq Mosque

Electra

CHOUEIFAT ROAD

Tinol

Ghandour

Towards Kfarshima

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