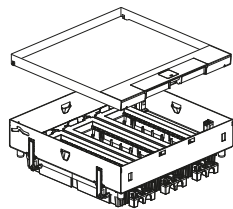
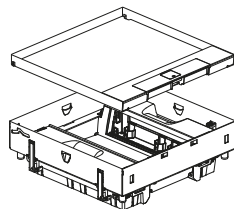


Flush lid floor boxes for raised floor

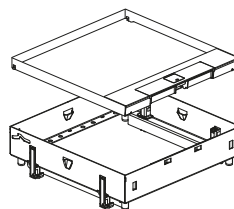
Cat. No (s) : 0 807 36 to 44 - 0 881 42 - 0 881 45 to 47 -
981366 to 371 - 981379 to 381



0 807 36/37/38



0 807 39/40/41



0 807 42/43/44

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2. Range.....	1
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4. Installation.....	4 to 5
5. Spare parts.....	6
6. General characteristics.....	7
7. Care.....	7
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1. USE

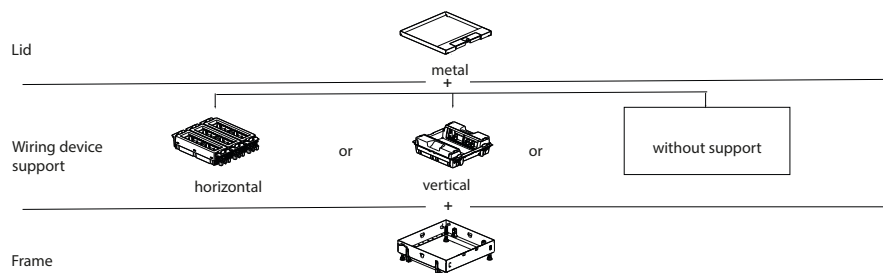
Flush version floor boxes, supplied in kit, to install in a raised floor of any kind of tertiary buildings (offices, public building, hospitals, schools/universities, shops, showrooms, hotels...). To be equipped with power & data sockets, size 45 mm chargers USB. We advise to use 2p+E sockets, 45° inclined version with upward earth pin.

We advise you to use gloves when handling the products.






2. RANGE

■ 2.1 Composition of a floor box cat. no



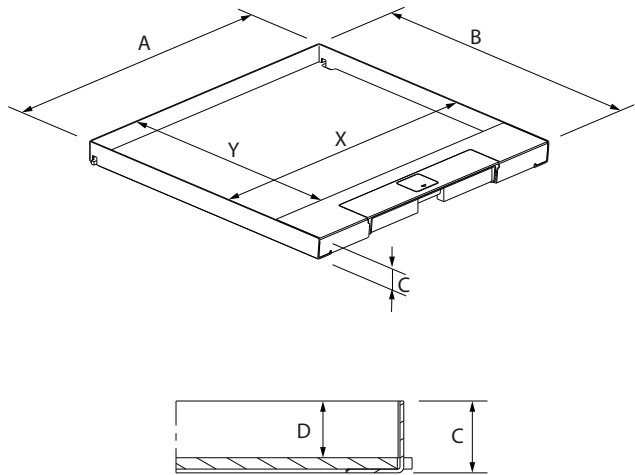
■ 2.2 Selection chart

		Floor boxes with wiring devices supports for sockets						Access cover without wiring devices support		
		in horizontal position			in vertical position					
		minimum height of raised floor = 92 - 122 m*			minimum height of raised floor = 92 - 122 m			minimum height of raised floor = 81 - 122 mm		
		Modules capacity (modules nr)						Dimensions (mm)		
Floor boxes	Type of lid	12 (3x4)	18 (3x6)	24 (3x8)	8 (2x4)	12 (2x6)	16 (2x8)	181 x 264	219 x 264	264 x 264
	metal	0 807 36	0 807 37	0 807 38	0 807 39	0 807 40	0 807 41	0 807 42	0 807 43	0 807 44
Set of extension feet for height 110 to 300 mm		+			+			+		
		0 881 42			0 881 42			0 881 42		
Stainless steel finishing plates (optional)	for floor boxes with	+			+			+		
	metal cover	0 881 45	0 881 46	0 881 47	0 881 45	0 881 46	0 881 47	0 881 45	0 881 46	0 881 47

* for the use of straight plugs, see minimum floor height in page 5

3. DIMENSIONS

■ 3.1 Metal lid stainless steel finish

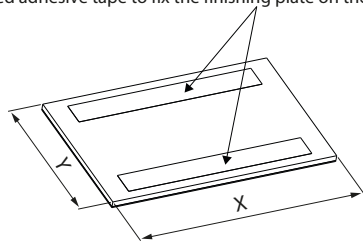


for flush lid floor boxes & access covers cat. nos	Dimensions (mm)					
	A	B	C	X	Y	D
0 807 36/39/42	260.5	177.3	19	258.5	126.3	15
0 807 37/40/43		215.3			164.3	
0 807 38/41/44		260.3			209.3	

■ 3.2 Stainless steel finishing plates

Cat. nos	Modules capacity	for flush lid floor boxes & access covers cat. nos
0 881 45	8/12	0 807 36/39/42
0 881 46	12/18	0 807 37/40/43
0 881 47	16/24	0 807 38/41/44

Double sided adhesive tape to fix the finishing plate on the frame & lid

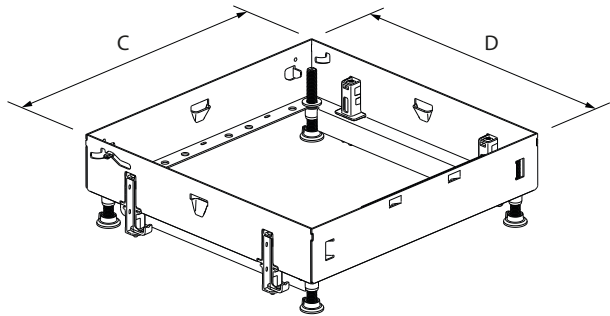


Cat. nos	Dimensions (mm)	
	X	Y
0 881 45	257	125
0 881 46		163
0 881 47		208

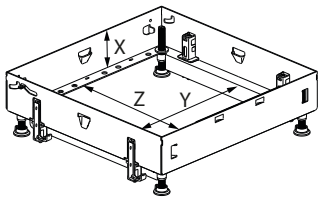
Remove protection adhesive tape from finishing plates (lid & plate)
ONLY WHEN THE BUILDING IS READY TO RECEIVE ITS OCCUPANTS (= heated and normal hygrometry rate 45-65 %).

3. DIMENSIONS (cont.)

■ 3.3 Frame for flush lid floor boxes and access covers



for flush lid floor boxes & access covers cat. nos	Dimensions (mm)		
	C	D	E
0 807 36/39/42	264	181	81
0 807 37/40/43		219	
0 807 38/41/44		264	



for flush lid floor boxes & access covers cat. nos	Dimensions (mm)		
	X	Y	Z
0 807 36/39/42	50	228.8	148
0 807 37/40/43			186
0 807 38/41/44			231

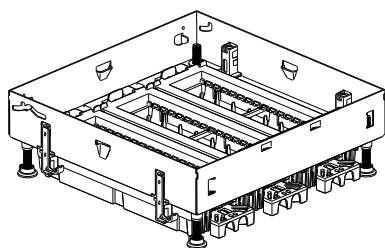
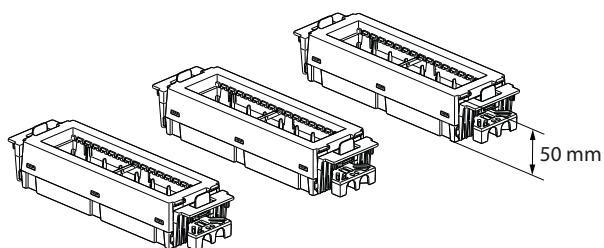
3. DIMENSIONS (cont.)

■ 3.4 Wiring devices supports

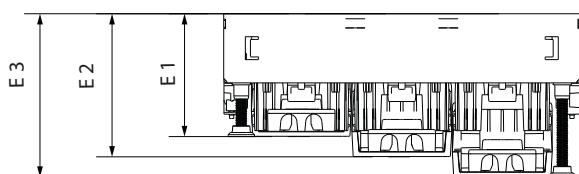
3.4.1 for sockets in horizontal position

cat. nos 0 807 36/37/38

3 separate supports



3 height adjustments *

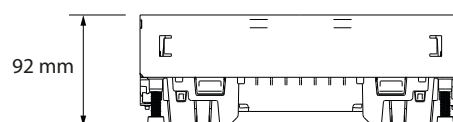
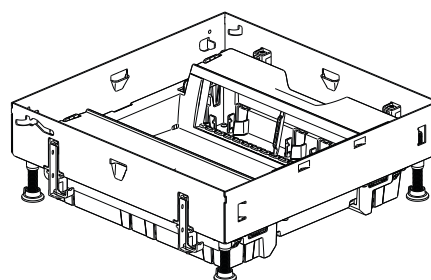
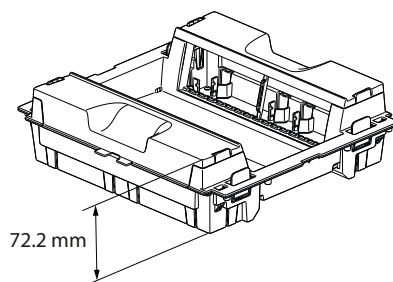


* E1/E2/E3: refer to page 5, chapter 4.5.2

3. DIMENSIONS (cont.)

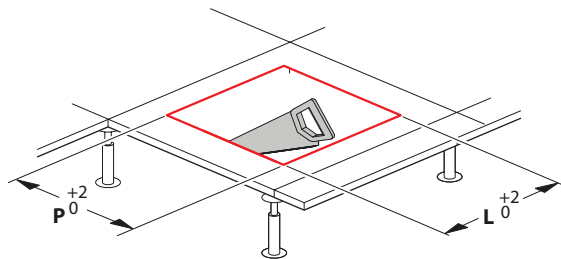
3.4.2 for sockets in vertical position

cat. nos 0 807 39/40/41



4. INSTALLATION

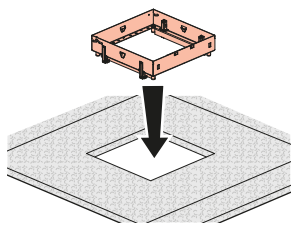
■ 4.1 Floor cutout



Use the frame for horizontal or vertical floor boxes and for access cover as a template to assist in marking the floor cutout to be made.

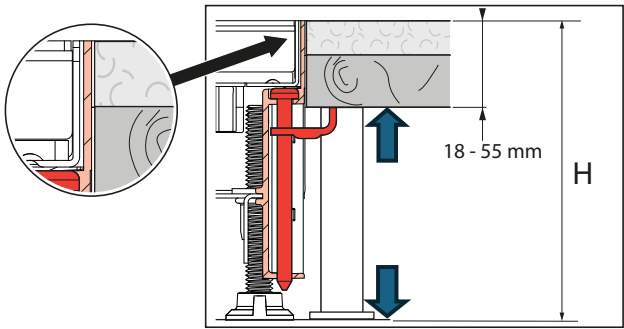
Floor boxes & access covers cat. nos	P (mm)	L (mm)
0 807 36/39/42	265	182
0 807 37/40/43		220
0 807 38/41/44		265

■ 4.2 Floor frame installation



4. INSTALLATION (cont.)

■ 4.3 Floor height and thickness of the floor finish



Floor boxes & access covers cat. nos	H (mm)
0 807 36/37/38	92 (1) - 122 (2)
0 807 39/40/41	92 - 122 (2)
0 807 42/43/44	81 - 122 (2)

- (1)
- 92 mm minimum for position 1 of wiring device support (see page 5)
- 107 mm minimum for position 2 of wiring device support (see page 5)
- 122 mm minimum for position 3 of wiring device support (see page 5)
- (2)
up to 300 mm with set of extension feet for height 110 to 300 mm
cat. no 0 881 42

■ 4.4 Set of extension feet for height 110 to 300 mm
cat. no 0 881 42

Made of 4 screw-on feet
For floor boxes cat. nos 0 80736/37/38/39/40/41/42/43/44

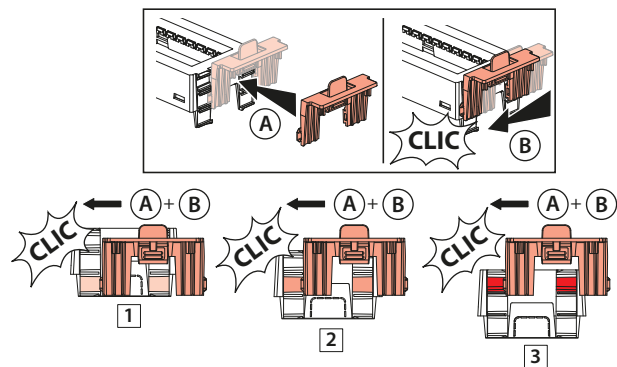


If the floor height is between 110 and 300 mm, use accessory reference 0 881 42. Cut the adjustment screw according to the floor height and install it in place of the original feet.

4. INSTALLATION (cont.)

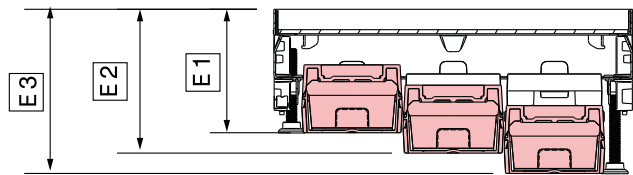
■ 4.5 Wiring devices support for sockets in horizontal position

4.5.1 Height adjustment: 3 positions



4.5.2 Minimum height of floor according to the wiring devices support position

E1	92 mm
E2	107 mm
E3	122 mm



4.5.3 Restrictions depending on the wiring devices

Depending on the type of plugs used, the position of the wiring device support must be adjusted to ensure the lid can be closed properly (see table below for restrictions)

Angled plug	1	2	3
Straight plug	✗	2	3
RJ45 plug	✗	2	3
HDMI plug	✗	✗	3
Fiber optic plug	✗	✗	3

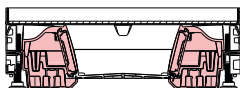
4. INSTALLATION (cont.)

■ 4.6 Wiring devices support for sockets in vertical position

In order to connect all types of user plugs (straight and angled) and to be able to close correctly the lid, we advise to use 2 P+E sockets, 45° inclined version with upward earth pin, as below :

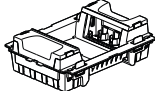


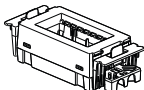
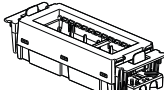
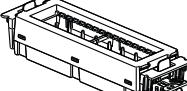
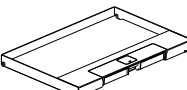
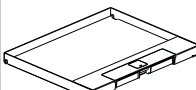
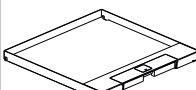


4.6.1 Restrictions depending on the wiring devices



Angled plug	OK
Straight plug	OK
RJ45 plug	OK
HDMI plug	OK
Fibre optic plug	OK

5. SPARE PARTS

Description	Capacity	Spare parts cat. nos		for floor boxes cat. nos
Wiring devices supports for sockets in vertical position	8 modules	981369		0 807 39
	12 modules	981370		0 807 40
	16 modules	981371		0 807 41
Wiring devices supports for sockets in horizontal position	4 modules	981366		0 807 36
	6 modules	981367		0 807 37
	8 modules	981368		0 807 38
Metal cover	260,5 x 177,3 mm	981379		0 807 36/39/42
	260,5 x 215,3 mm	981380		0 807 37/40/43
	260,5 x 260,3 mm	981381		0 807 38/41/44

6. GENERAL CHARACTERISTICS

■ 6.1 Mechanical characteristics

Protection to :
IP30 with the cover closed
IP20 with the cover opened

Resistance to impacts: IK08 with the cover closed

Self-extinguishing: + 650°C/30s for parts made of insulating materials according to EN60095-2-11
The inlets of conduits or cables are pre-cutting for an easier installation.

Classification floor boxes according to the IEC 60670-1 et IEC 60670-23 standard:

7.1 The nature of material	Composite
7.2 The type of installation	Flush or semi-flush in hollow walls, hollow ceilings, hollow floors
7.2.1.1	Not suitable for installation into concrete
7.3 The type (s) of inlets	Without inlets. Inlet openings will be made during installation
7.4 The clamping means	With cable retention
7.5 The minimum temperature during installation and use	- 5 °C
7.6 The degree of protection against harmful effects due to the ingress of solid foreign objects	IP30 lid closed
7.7 The degree of protection against harmful effects due to the ingress of water	IPX0
7.9 The provision for fixing accessories to boxes	Boxes intended to receive other means
7.101 The type of lid	Enclosure with a removable lid
7.102 According to floor treatment	Floor boxes or enclosures intended to be installed in floor subjected to dry treatment

Resistance to a vertical load of 500N applied to a surface of 1 cm² according to IEC Standard 60670-23.

Maximum vertical load Resistance

Flush lid floor boxes for raised floor	Cat. nos	small surface (1 cm²)	large surface (Ø 130 mm)
metal	0 807 36 to 44	2500 N	5000 N

Safety : Check that the system is earthed for cat. nos of flush lid floor boxes and access covers with metal cover (0 807 36 to 0 807 44)

6. GENERAL CHARACTERISTICS (cont.)

■ 6.2 Material characteristics

Material list for flush lid floor boxes for raised floor

- **Plastic materials:**
 - PC RAL 7016 (internal parts)
 - ABS RAL 7016 (internal parts)
- **Metallic materials:**
 - Electro-galvanized steel
 - Stainless steel
 - Galvanized steel (Z275)

7. CARE

Superficial cleaning with a cloth. Do not use abrasive products or detergents.

Caution:
Always test before using other special cleaning products.

8. STANDARDS & APPROVALS

Compliant with CEI 60670-1 & CEI 60670-23 standards.
See e. catalogue.