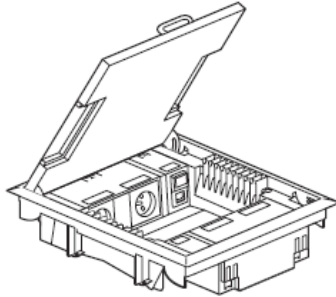


**Floor boxes with height reduced to 65mm**

Number(s) : 896 20/21/22/25/26/27



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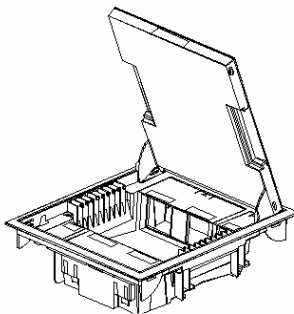
**1 RANGE.**

**Floor boxes allow :**

- Energy and data supply for working stations by the ground
- The use of various types of coatings like carpet, vinyl, parquet floor or tiling up to 10mm high.

They also bring ideal solution for concrete floor or technical floor for renovation.

**Floor boxes with height reduced to 65mm.**

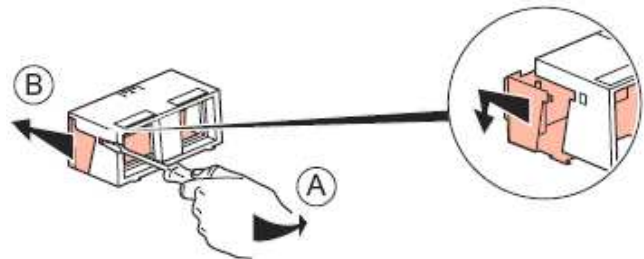


For technical space  $\geq 65\text{mm}$   
 For renovation of technical floor (or concrete floor) with low depth

- To be equipped with 8/10 or 16 Mosaic modules wiring accessories
- Boxes are supplied with reversible stainless steel cover or parquet cover with protection shell.
- Easy opening by rings and keeping cover in open position during connection.
- Certified to NF EN 60 670-1
- IP 30/IK07
- color grey RAL 7031 or beige RAL 1019

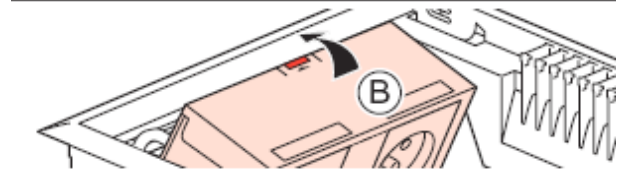
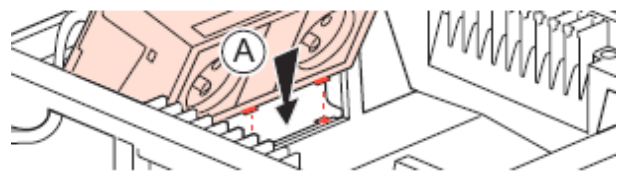
**1 RANGE (continued)**

**Mounting boxes :**



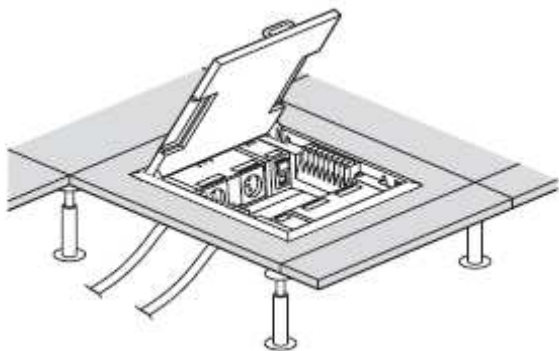
- To be equipped with 2 modules Mosaic sockets
- For vertical positioning of wiring accessories
- They are supplied with blanking plates requiring sufficient space between the sockets if angled plugs are used.
- They can take marking labels.
- They ensure perfect cable separation.

**Installation of mounting boxes after wiring :**

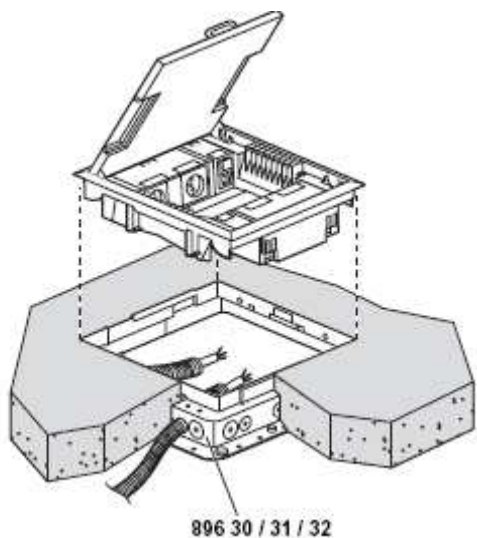


## 2 FIXING.

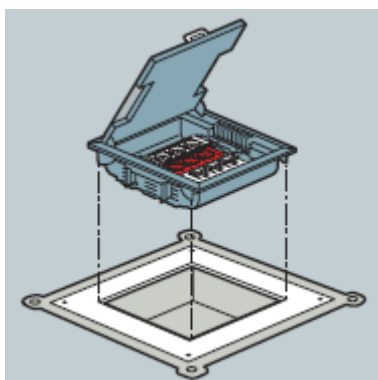
Into technical floor :



Into plastic under-floor boxes :

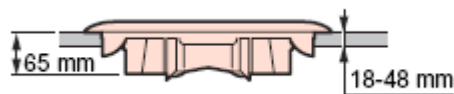


Into metal under-floor boxes number 89634 :

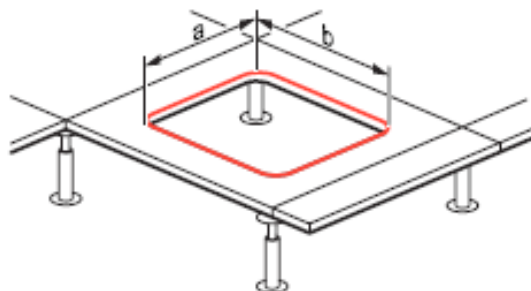


## 3 TECHNICAL CHARACTERISTICS

Minimum height required is 65 mm.



Dimensions of floor boxes with height reduced to 65 mm :



Technical floor is cut out according to floor boxes numbers :

	a (mm)	b (mm)
896 20/21/22	215	255
896 25/26/27	310	255

If you want to know exact dimensions of floor boxes, please to add 15mm to « a » dimensions and to « b » dimensions into the list above.

**Wiring accessories supports can hold :**

2 modules Mosaic sockets :

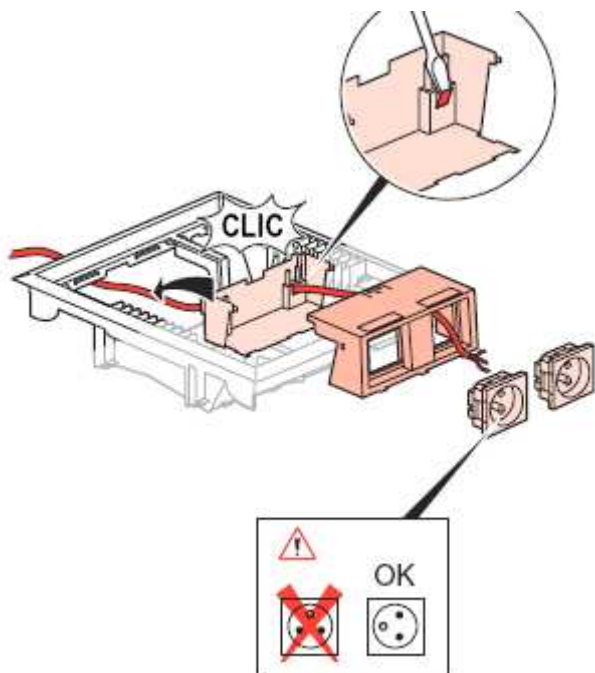


RJ 45 sockets in 1 or 2 modules or pluggable RJ 45 sockets



3 TECHNICAL CHARACTERISTICS (continued)

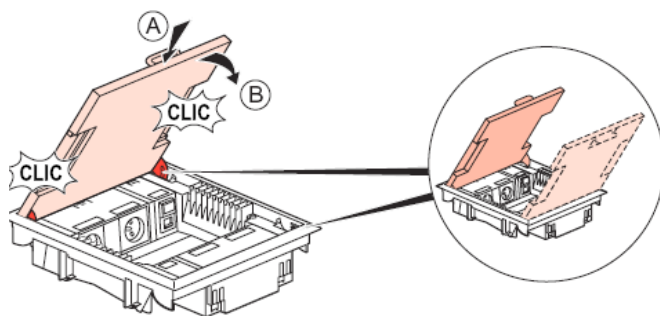
Greenhouse-cable function of supports is only used with cables :



Be careful when positioning sockets in their supports.  
(earth electrode on top = side outlet plugs can't be used)

Cover positioning :

Reversible cover can be fastened on each side of the box.



Dimensions of covers :

Cover 16 Mosaic modules = 298mmx243mm

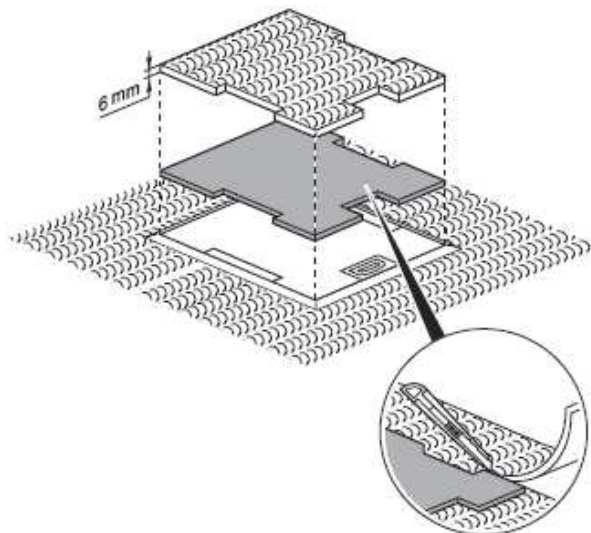
Cover 8/10 Mosaic modules = 203mmx243mm

3 TECHNICAL CHARACTERISTICS (continued)

Installation with different coatings :

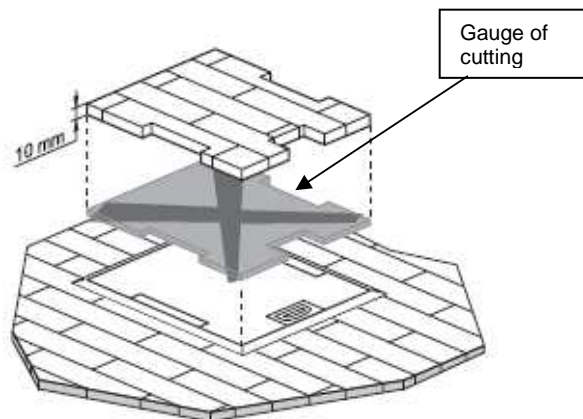
Example with carpet or vinyl :

Gauge of cutting can be used and put under final coating if thickness is lower than 6 mm.



Example with parquet floor :

Gauge of cutting isn't used if thickness of final coating is lower than 10 mm.



**3 TECHNICAL CHARACTERISTICS (continued)**

Standard EN 50085-2-2 concerns system for distributing currents in the floor (sunken or surface-mounted). It ensures consistent performance along the entire distribution length up to the user connection point

Classification for distribution system by floor:

		Embedded in floor	On floor
6.2	Resistance to impact for installation and application	5 J	5 J
6.3	Minimum storage and transport temperature	- 25 °C	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C	- 5 °C
6.3	Maximum application temperature	+ 60 °C	+ 60 °C
6.4	Resistance to flame propagation	Non propagating	Non propagating
6.5	Electrical continuity characteristics	Without continuity	Without continuity
6.6	Electrical insulating characteristics	Without electrical insulating characteristic	Without electrical insulating characteristic
6.7	Degree of protection provided by enclosure	IP30	IP20
6.9	System access cover retention	With a tool	With a tool
6.101	Floor treatment	Dry floor treatment	Dry floor treatment
6.102	Resistance to a vertical load applied over a small surface area	750 N	750 N
6.103	Optional classification according to resistance to a vertical load applied over a large surface area	3000 N	3000 N

Composition and function with distribution systems embedded in floor:

Floor service outlet boxes and access units and heavy duty boxes	With metal flush-mounting boxes		
	Metal boxes	Plastic trunking	Fixing
896 05 896 06 896 07 896 20 896 21 896 90 896 91	896 34 +	see (1)	see (2)
896 10 896 11 896 12	896 36		
896 15 896 16 896 17 896 25 896 26 896 94 896 95	896 34 +		

Width (mm)	100		150		200		250		300	
Height (mm)	28	38	28	38	28	38	28	38	28	38
Plastic trunking (1)	896 61	896 68	896 62	896 69	896 63	896 70	896 63 +	896 70 +	896 63 +	896 70 +
Fixing (2)	896 74		896 75		896 76		896 77		896 78	

**Technical informations :**

Fixing test for apparatus mounting of socket outlets (60°C/81N) : Comply with norme NF EN 50085-1 2006  
 Compression test, 500N / 1cm² during 1 min : Comply with norme CEI 60670-23 (2004)  
 No degradation after 10000 opening/closing

**4 MATERIAL CHARACTERISTICS**

Floor boxes and access units are made of polycarbonate with zero halogens.  
 Temperature of use, transport and stocking : -5°C ( 41°F) /+60°C (140°F)

## floor service outlet boxes and access units for raised or concrete floors



0 896 05



0 896 11 equipped with Mosaic sockets



0 896 26



0 896 44

0 896 49

Conform to standard EN 60-670 and EN 50085-2-2

Workstation connection for raised floor or concrete floor, using plastic or metal backbox (p. 840)

Supplied with reversible stainless steel cover or cover for carpet

For technical space  $\geq 75$  mm

Mounting boxes (for horizontal wiring device positioning):

- height adjustable from 75 to 105 mm
- ensure perfect cable separation
- takes 2 flexible conduits  $\varnothing 20$  mm
- shifted from one another for optimal connection for all sockets
- take marking labels

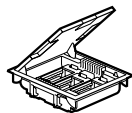
Easy opening cover with rings and holding in open position during connection

### Pack Cat.Nos Adjustable height from 75 to 105 mm to be equipped

Floor service outlet boxes equipped with empty mounting boxes  
To be equipped with Mosaic wiring accessories

#### 12 modules

- |   |          |   |
|---|----------|---|
| 1 | 0 896 05 | With stainless steel cover<br>Grey RAL 7031 |
| 1 | 0 896 06 | With cover for carpet<br>Grey RAL 7031      |
| 1 | 0 896 07 | With cover for carpet<br>Beige RAL 1019     |



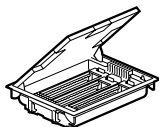
#### 18 modules

- |   |          |   |
|---|----------|---|
| 1 | 0 896 10 | With stainless steel cover<br>Grey RAL 7031 |
| 1 | 0 896 11 | With cover for carpet<br>Grey RAL 7031      |
| 1 | 0 896 12 | With cover for carpet<br>Beige RAL 1019     |



#### 24 modules

- |   |          |   |
|---|----------|---|
| 1 | 0 896 15 | With stainless steel cover<br>Grey RAL 7031 |
| 1 | 0 896 16 | With cover for carpet<br>Grey RAL 7031      |
| 1 | 0 896 17 | With cover for carpet<br>Beige RAL 1019     |



### Height reduced to 65 mm to be equipped

For technical space  $\geq 65$  mm  
For renovation with reduced height technical floor or for concrete floor

Supplied with reversible stainless steel cover or cover for carpet or parquet

Mounting boxes (for vertical wiring device positioning):

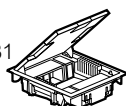
- supplied with blanking plates requiring sufficient space between the sockets if angled plugs are used
- to be equipped with 2 module Mosaic socket outlets
- takes marking labels
- ensures perfect cable separation

Easy opening cover by rings and holding in open position during connection

#### 10 modules

For installing 4 x 2 modules Mosaic and 2 x 1 module Mosaic

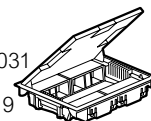
- |   |          |   |
|---|----------|---|
| 1 | 0 896 20 | With stainless steel cover, grey RAL 7031 |
| 1 | 0 896 21 | With cover for carpet, grey RAL 7031      |
| 1 | 0 896 22 | With cover for carpet, beige RAL 1019     |



### Pack Cat.Nos Height reduced to 65 mm to be equipped (continued)

#### 16 modules

- |   |          |  |
|---|----------|--|
| 1 | 0 896 25 | For installing 8 x 2 modules Mosaic<br>With stainless steel cover, grey RAL 7031 |
| 1 | 0 896 26 | With cover for carpet, grey RAL 7031   |
| 1 | 0 896 27 | With cover for carpet, beige RAL 1019  |



#### Access units

Access units for raised or concrete floor (minimum height 90 mm)

Supplied with stainless steel cover or cover for carpet  
Grey RAL 7031

#### Small dimensions

- |   |          |                            |
|---|----------|----------------------------|
| 1 | 0 896 90 | With cover for carpet      |
| 1 | 0 896 91 | With stainless steel cover |

#### Large dimensions

- |   |          |                            |
|---|----------|----------------------------|
| 1 | 0 896 94 | With cover for carpet      |
| 1 | 0 896 95 | With stainless steel cover |

#### Floor service outlet boxes - 3 modules

Access units for raised or concrete floor (minimum height 80 mm)

To be equipped with: 1 Mosaic socket outlet 2P+E 2 modules and 1 Mosaic RJ 45 - 1 module or 1 Arteor socket outlet 2P+E and 1 Arteor RJ 45 1 module  
Grey RAL 7031

- |   |          |   |
|---|----------|---|
| 1 | 0 896 44 | Floor service outlet box - 3 modules                |
| 1 | 0 896 49 | Flush-mounting box for concrete for Cat.No 0 896 44 |