legrand

Pop-up type flush-mounting boxes
For workstation & meeting room table applications

0 540 13

0 540 18

0 540 23

0 540 28

0 540 33

0 540 06

0 540 00

Can be installed in concrete or raised access floors or integrated directly into the furniture (desks, meeting room tables, etc)
Conform to IEC 60670-1, IEC 60670-23 et IEC 60884-1

Pack	Cat.No.	**Pop-up boxes to be equipped**
		Slim design for perfect integration into the floor or office furniture Soft opening for enhanced comfort and safety Equipped with "push and slide" locking system to avoid accidental opening by feet To be equipped with Mosaic or Arteor socket outlets For installation use the flush-mounting boxes for concrete floors or the kits for raised access floors or table top (see below)
		3 modules
1	0 540 10	Matt Aluminium
1	0 540 15	Brushed Brass
1	0 540 20	Brushed Stainless Steel
		6 (2 x 3) modules
1	0 540 12	Matt Aluminium
1	0 540 17	Brushed Brass
1	0 540 22	Brushed Stainless Steel
		4 modules
1	0 540 11	Matt Aluminium
1	0 540 16	Brushed Brass
1	0 540 21	Brushed Stainless Steel
1	0 540 26	Matt Black
1	0 540 31	Glossy White
		8 (2 x 4) modules
1	0 540 13	Matt Aluminium
1	0 540 18	Brushed Brass
1	0 540 23	Brushed Stainless Steel
1	0 540 28	Matt Black
1	0 540 33	Glossy White

Pack	Cat.No.	**Installation kits for raised access floors or table top**
		Includes an empty receptacle and fixing brackets for raised access floor tiles or table tops Equipped with cable retainer for power cables, to ensure increased safety of the installation Compatible with: - Cat. 6 data cabling - audio/video cabling
1	0 540 05	3 modules
1	0 540 06	4 modules
1	0 540 07	6 (2 x 3) modules
1	0 540 08	8 (2 x 4) modules

Pack	Cat.No.	**Flush-mounting boxes for installation in concrete floors**
		For installation of pop-up floor boxes in concrete floors Equipped with knockouts for Φ 20 and Φ 25 mm conduits
		Metal flush-mounting boxes
1	0 540 00	3 modules
1	0 540 01	4 modules
1	0 540 02	6 (2 x 3) modules
1	0 540 03	8 (2 x 4) modules
		Plastic flush-mounting boxes
10	6 503 90	3 modules
10	6 503 91	6 modules

Arteor™
Outlets, television and telephone sockets

Arteor™
Audio and video sockets, Cat. 6/Cat. 5e data sockets and adaptors for data sockets

| 5719 07 | 5723 00 | 5728 13 | AR787AMWE |

| 5722 72 | 5722 74 | 5722 82 | 5722 81 |

| 5723 15 | 5723 06 |

Socket Outlet 240 V∿

Pack	Cat. No.		
	White		
10	AR787AMWE		10A single autoswitched socket outlet 2 module, 22.5 x 45 mm
10	AR787/15AMWE		15A single autoswitched socket outlet 2 module, 22.5 x 45 mm

Blank modules

10	5723 41		1 module 22.5 x 45 mm
10	5723 42		2 modules 22.5 x 45 mm

Television sockets

Pack	Cat. No.		
	White		**TV sockets**
10	5719 07		75 ohm "F" connector for cable and pay TV 0-2.4 GHz (Foxtel recognised) 1 module 22.5 x 45 mm

TV sockets International series

10	5721 63		TV single shielded "F" type with screws 0-2400 MHz attenuation ≤ 2 db 1 module 22.5 x 45 mm
10	5721 71		TV single shielded male ∅ 9.5 mm 0-2400 MHz 1 module 22.5 x 45 mm

RJ 11 and RJ 12 sockets

10	5723 00		**RJ 11** 4 contacts 1 module 22.5 x 45mm
10	5723 13		4 contacts 2 modules 22.5 x 45mm
10	5723 12		**RJ 12** 6 contacts 2 modules 22.5 x 45mm

Audio and video sockets

Pack	Cat. No.		
	White		
1	5722 73		**3 x female RCA** 1 module 22.5 x 45 mm
1	5722 74		**Female 3.5 mm jack** 1 module 22.5 x 45 mm
1	5722 71		**YUV** 1 module 22.5 x 45 m
1	5722 81		**HDMI** 2 modules 22.5 x 45 mm
1	5722 82		**Female HD 15*** 2 modules 22.5 x 45 mm
1	5722 75		**USB female sockets** 1 module 22.5 x 45 mm

* For VGA, XGA or VESA

RJ 45 - tool-less system

Pack	Cat. No.		
	White		Rapid connection sockets, no tool required
			Cat. 6
10	5723 02		UTP - 8 contacts 1 module 22.5 x 45 mm
10	5723 14		UTP - 8 contacts 2 modules 22.5 x 45 mm Square version
			Cat. 5e
10	5723 03		UTP - 8 contacts 1 module 22.5 x 45 mm
10	5723 15		UTP - 8 contacts 2 modules 22.5 x 45 mm

Adaptors for data sockets

	White		Equipped with transparent label-holder
			Keystone
10	5723 37		Adaptor for single connector 2 modules 22.5 x 45 mm
			Systimax
10	5723 38		Adaptor for single connector 2 modules 22.5 x 45 mm

⊕ **More Arteor™ wiring devices see Arteor catalogue**

Some items sold seperately
For pack quantity, please refer to numerical index pages.
For trade price, please see your local HPM legrand representative for the current price list.

307

L legrand®

87045 LIMOGES Cedex

Phone : 05 55 06 87 87 – Fax : 05 55 06 88 88

Pop-Up

Number(s) : 0 540 00 to 03, 0 540 05 to 08, 0 540 10 to 13, 0 540 15 to 18, 0 540 20 to 23, 0 540 26, 0 540 28, 0 540 31, 0 540 33, 0 540 40 to 43
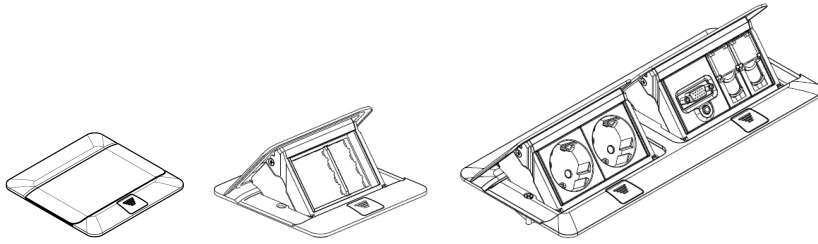
1 RANGE.

- a solution for integrating wiring accessories in office furniture or in floor (5 finishes)
- products conform to NFC 61-314 / EN 60 670-1 / EN 60 670-23

Desk/table		Use the Kit for desk/table/raised floor	- Power - Data Cat6 - AV
Raised floor			
Concrete		Use the backbox for concrete floor	- Power

Data sheet : F01367EN/00   Updated : 01/10/12   Created : 01/10/12

Pop-Up

1 RANGE (continued)

Two types of Pop-up ;

Simple Pop-up :

3 modules :

4 modules :

Double Pop-up :

6 modules :
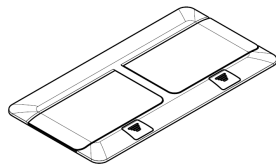
8 modules :
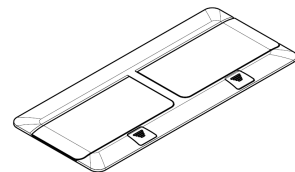
Compatibility power/dat :

	Power	Data
Concrete	yes	No
Raised floor	yes	Compatible Cat 6
Furniture/desk	yes	Compatible Cat 6

- pack by 1

Note : screw delivered with Pop-up.

16A 250 VA, 3680W at 230V per circuit

1 RANGE (continued)

- 5 finishes available :
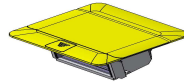
Brushed Brass
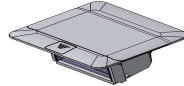
Matt Aluminium
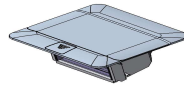
Brushed Stainless steel

Matt Black

Glossy White

Pop-Up

Number(s) : 0 540 00 to 03, 0 540 05 to 08, 0 540 10 to 13,
0 540 15 to 18, 0 540 20 to 23, 0 540 26, 0 540 28, 0 540 31,
0 540 33, 0 540 40 to 43
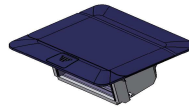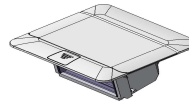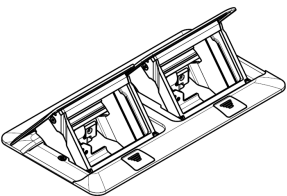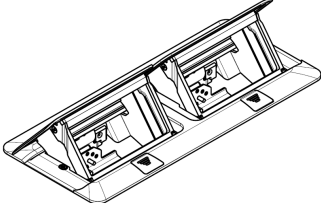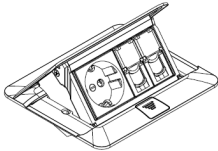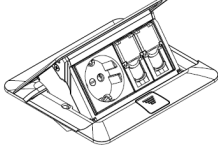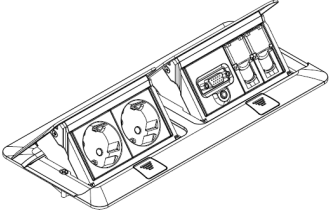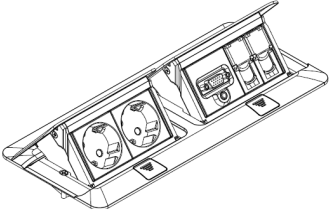
1 RANGE (continued)

Pop-up selection chart to be equipped:
- with Mosaic or Arteor wiring devices
- with 1 installation kit for raised floor/desk or with 1 backbox for concrete floor

Finishes	3 modules	4 modules	6 (2x3) modules	8 (2x4) modules
Brushed Brass	0 540 15	0 540 16	0 540 17	0 540 18
Matt Aluminium	0 540 10	0 540 11	0 540 12	0 540 13
Brushed Stainless steel	0 540 20	0 540 21	0 540 22	0 540 23
Matt Black		0 540 26		0 540 28
Glossy White		0 540 31		0 540 33

Equipped Pop-up selection chart (installation kit included)

| Finishes	References	Pop-up
Glossy White	0 540 44	4modules equipped with : 1 socket German standard 2P+E with 2m cord + 2 RJ 45 sockets Cat6 UTP with 3m cord
Brushed Stainless steel	0 540 45	4modules equipped with : 1 socket German standard 2P+E with 2m cord + 2 RJ 45 sockets Cat6 UTP with 3m cord
Glossy White	0 540 46	8 (2x4) modules equipped with : 2 sockets German standard 2P+E with 2m cord + 2 RJ 45 sockets Cat6 UTP with 3m cord + HD 15 jack
Brushed Stainless steel	0 540 47	8 (2x4) modules equipped with : 2 sockets German standard 2P+E with 2m cord + 2 RJ 45 sockets Cat6 UTP with 3m cord + HD 15 jack

Pop-Up

Number(s) : 0 540 00 to 03, 0 540 05 to 08, 0 540 10 to 13, 0 540 15 to 18, 0 540 20 to 23, 0 540 26, 0 540 28, 0 540 31, 0 540 33, 0 540 40 to 43

2 INSTALLATION

2.1 On concrete floor:

Pop-up is delivered with terminal block.

Terminal block
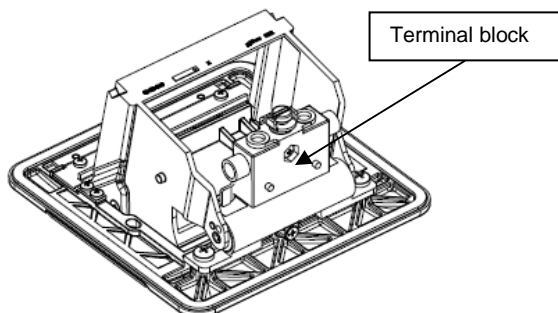
Example of simple Pop-up on concrete floor :
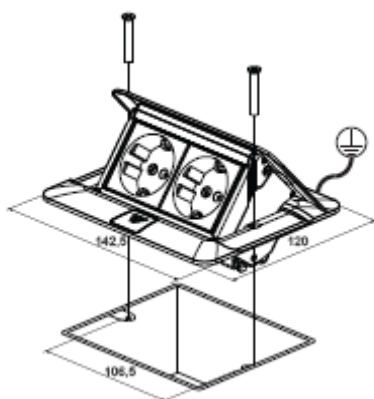
X

Example of double Pop-up on concrete floor :
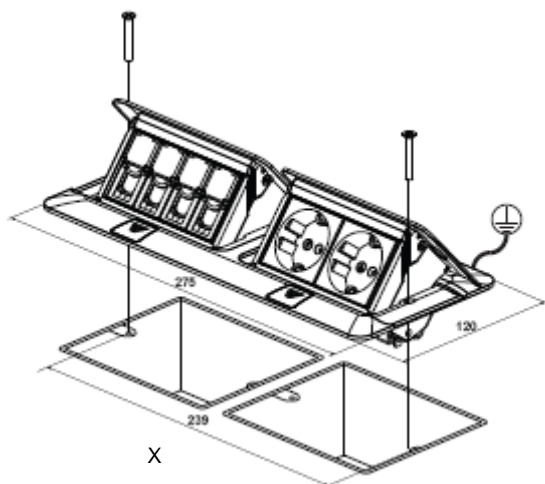
X

Dimensions (fixing centres) :

	X(mm)
3 mod	84
4 mod	106.5
6 (2x3) mod	194
8 (2x4) mod	239

2 INSTALLATION (continued)

2.1 On concrete floor (continued)

Under concrete floor:

- minimum depth = 60mm

Use the backbox for concrete with conduits diameter 20mm

It is necessary to close the backbox for concrete using the protection cover delivered with before pouring the concrete in order to prevent that the concrete to enter in the backbox

The backbox for concrete is delivered with protection cover:

Protection cover
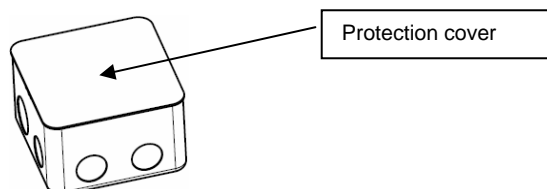
Pop-up 3mod	Pop-up 4mod	Pop-up 6 (2x3) mod	Pop-up 8 (2x4) mod
réf 0 540 00	réf 0 540 01	réf 0 540 02	réf 0 540 03

Note: the old flush-mounting boxes ref 6503 90/91/92 for floor boxes sockets are compatible with new Pop-up

Catalogue Export 2009/20011 on page 778;

6503 90

Flush-mounting boxes for floor sockets

10	6503 90	3 modules - Plastic
10	6503 31	2 x 3 modules For floor box Cat.No 6503 49 - Plastic
1	6503 32	3 modules (can be assembled with another Cat.No 6053 32 to compose a 2 x 3 modules box) Metallic

Pop-Up

2 INSTALLATION (continued)

2.2 On the desk or on the raised floor

System overview.
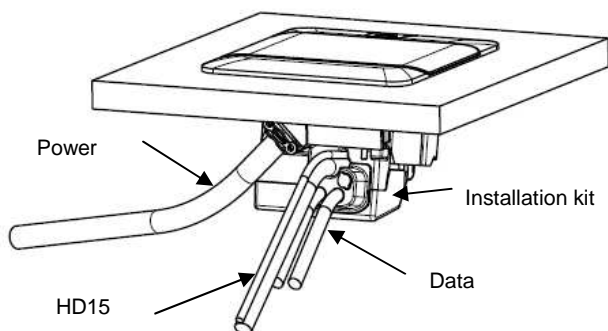
To fix on the raised floor/desk

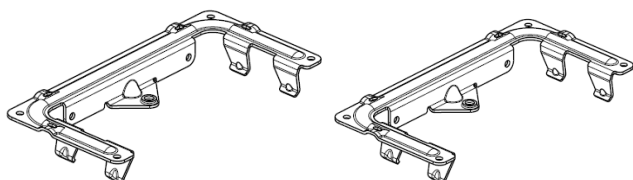| References	Installation kit for Pop-up
0 540 05	Installation kit 3modules
0 540 06	Installation kit 4modules
0 540 07	Installation kit 6(2x3) modules
0 540 08	Installation kit 8 (2x4) modules

Composition :
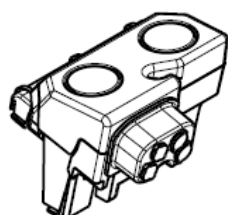
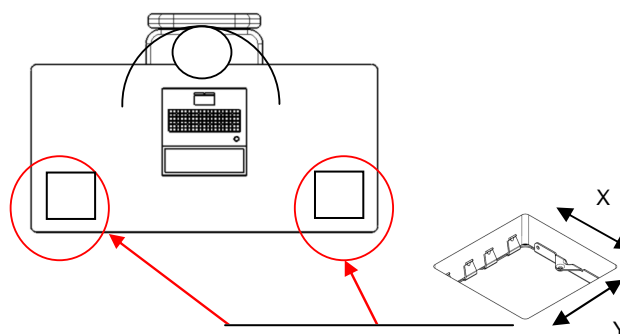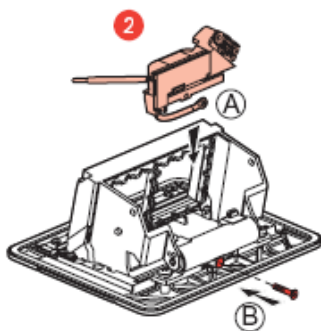

1 insulation unit
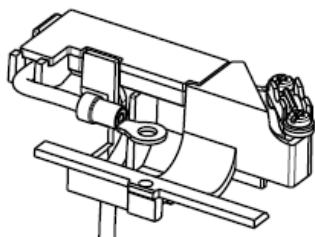
1 Clamp support

2 parts fixations supports

Fixations supports, allows to install the product directly on the raised floor/desk.

2 INSTALLATION (continued)

2.2 On the desk or on the raised floor (continued)

Cut the desk or raised floor :

	X(mm)	Y(mm)
3 mod	108 (+/-1mm)	108 (+/-1mm)
4 mod	108 (+/-1mm)	131 (+/-1mm)
6 mod	108 (+/-1mm)	218 (+/-1mm)
8 mod	108 (+/-1mm)	263 (+/-1mm)

Minimum depth of desk plate 15mm (40mm max)

Positioning of the fixation supports in the desk
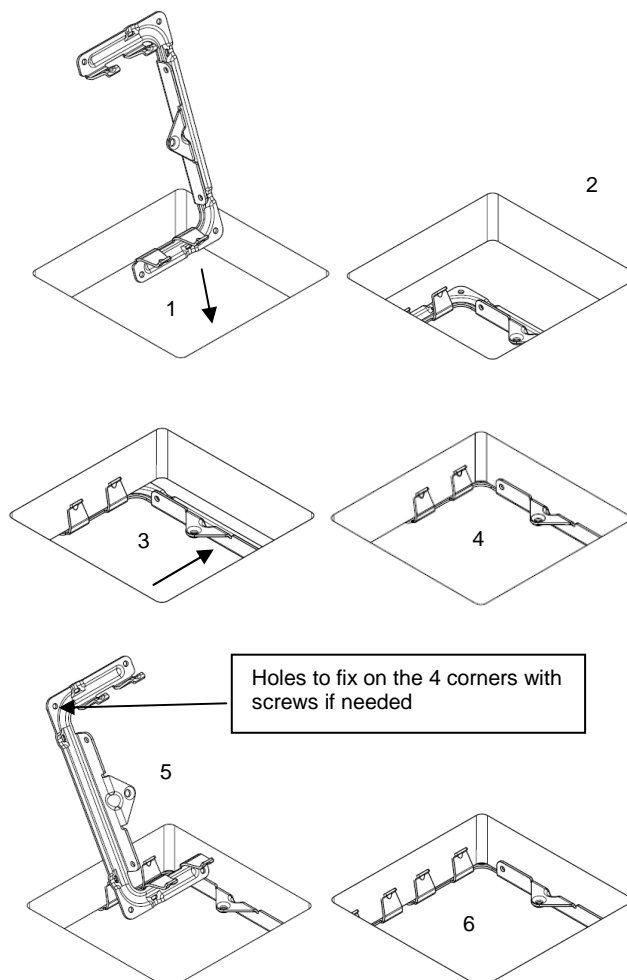
Holes to fix on the 4 corners with screws if needed

Pop-Up

2 INSTALLATION (continued)

2.2 On the desk or on the raised floor (continued)

Before the installation of the kit, remove the terminal block delivered with the Pop-up (not to be used in this configuration)
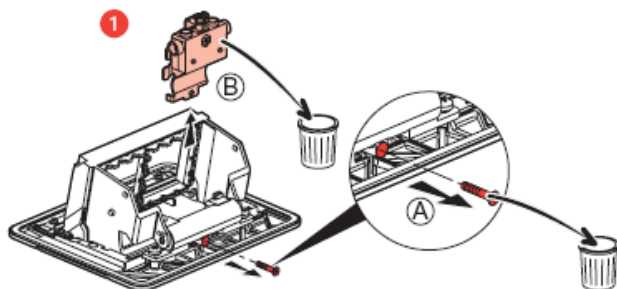
Please use the clamp support if you need power.

A : put the clamp support on the cylindrical dumper fix with the earthing screw
B : earth on the metal part on the Pop-up

Support clamp is not necessary if you use only data socket

Installation of the insulation unit.
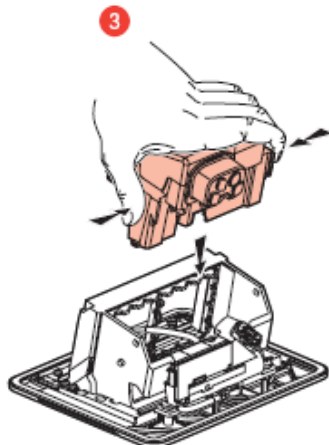
Position your fingers as represented above, press the kit and insert it in the Pop-up until clic.
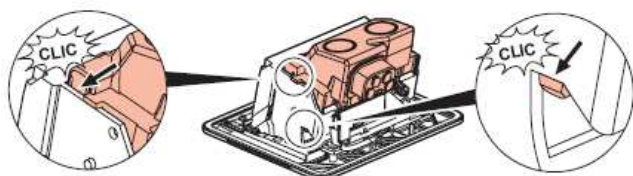
2 INSTALLATION (continued)

Installation for power sockets :

Assembly of the power cable in the Pop-up before the connection to wiring devices :

1- Remove the cable clamp

Wiring scheme with stripping :
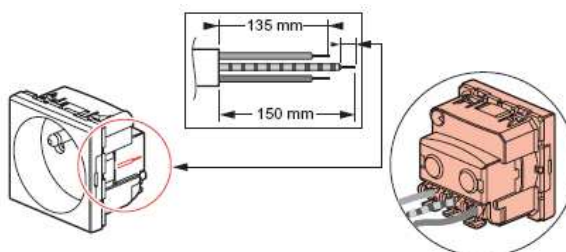
2- Insert the cable through the clamp support.
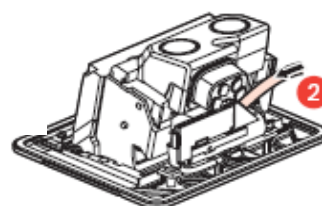
3- Let exceed only the stripped part of the cable inside the Pop-up
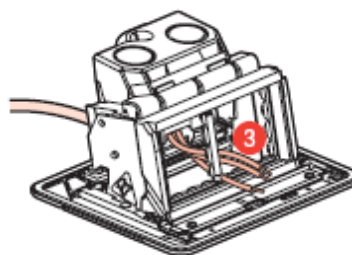
4- Lock the cable with the cable clamp
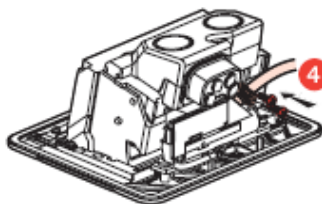
Connect the sockets cable before clipping on the support.

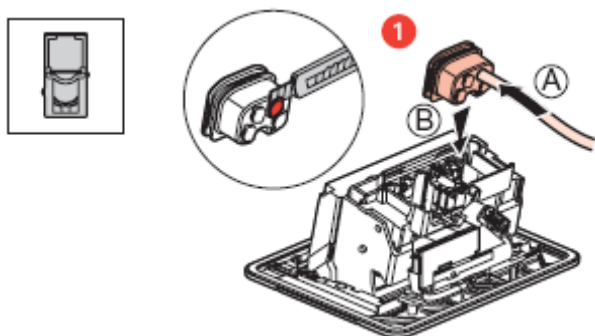# Pop-Up

2 INSTALLATION (continued)

Installation for data sockets :

Assembly of the Ethernet cable for network in the Pop-up before the connection to RJ 45 sockets :
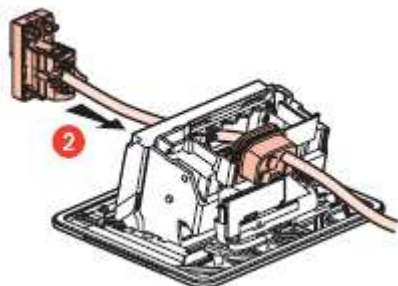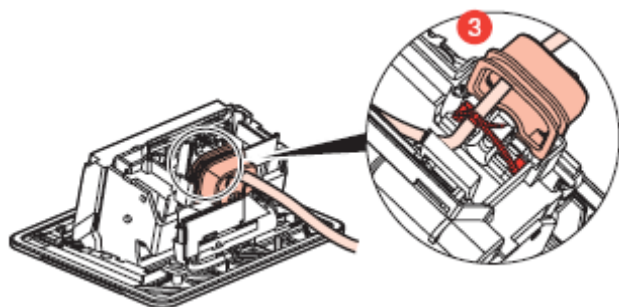
Remove the cable exit :
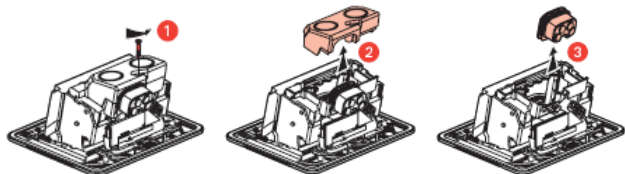
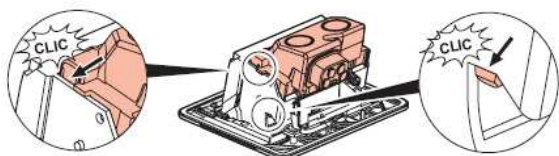1- Cut out the protective cap according to the number of cable (4 max)

2- Pass the cables through the support to connect the sockets and clip them on the frame

3- Reposition the cable exit and block the cable using the cable tie.
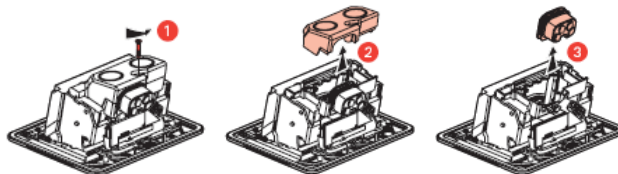
Reassemble the cover with its screw to finalize the installation

2 INSTALLATION (continued)

Installation for Audio/video sockets :

Assembly of the Audio cable in the Pop-up before the connection to HD 15 sockets :
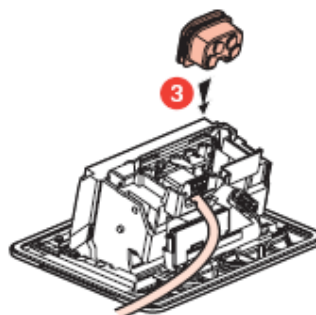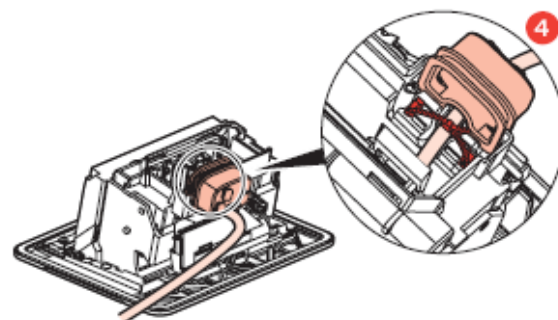
Remove the cable exit :

1- Pass the cable through the support to connect the HD 15 sockets
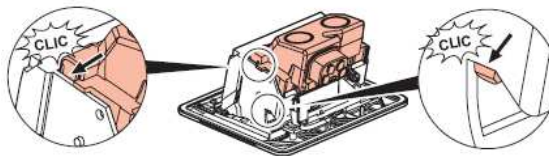2- Break the strip allowing the passage of the cable
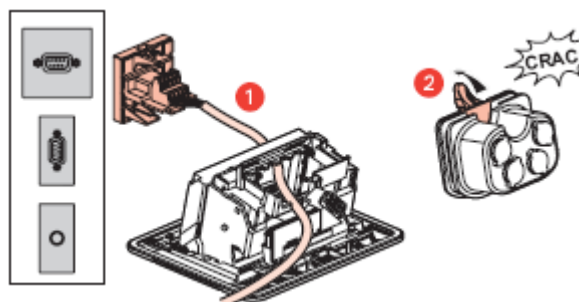
3- Position the cable in its receptacle and reposition the cable exit.

4- Lock the cable using the cable tie.

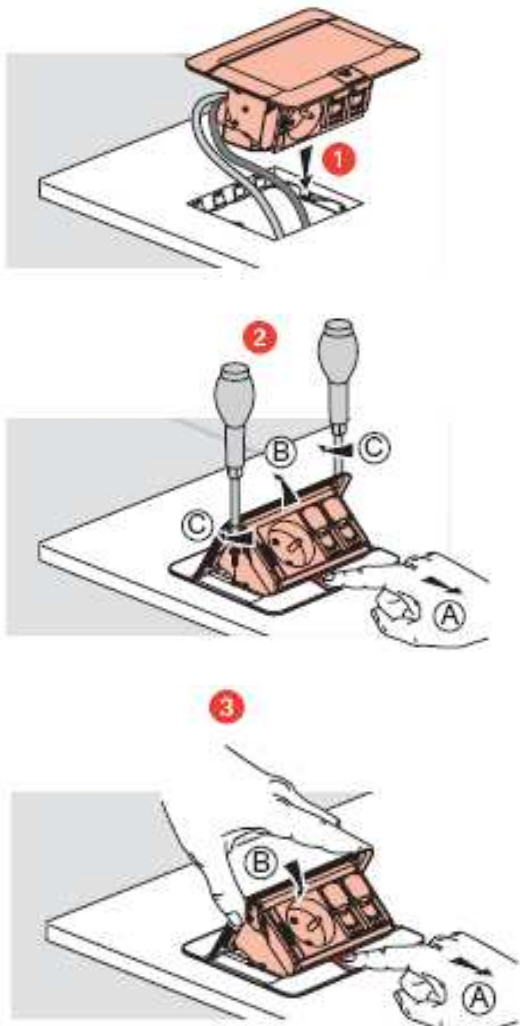Reassemble the cover with its screw to finalize the installation

Note: in the case of audio/video mixed equipment (HD 15 + jack 3.5mm) equipped with two cords, proceed in the same way.

# Pop-Up

2 INSTALLATION (continued)

Installation of Pop-up on the desk or on the raised floor by screwing on the fixation supports
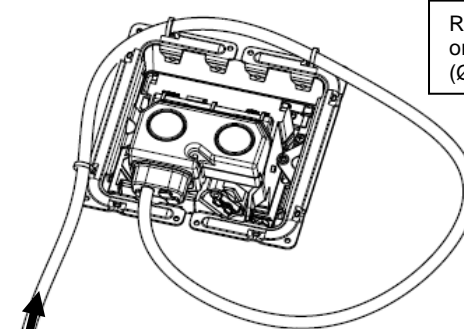

2 INSTALLATION (continued)

Positioning of data cables on the raised floor:

To respect the bend radius for data cables, it is necessary to fix the cables by respecting a radius higher than 80mm (curve of the cable at the exit on the kit and the points of fixing of the cable on the fixation supports).
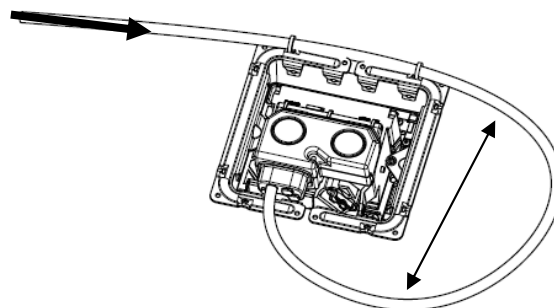
R=80mm
or
(Ø 160mm)

The oblong holes allow the passage of the cable ties to generate the loop of RJ 45 cable and to respect the bend radius for data cables.
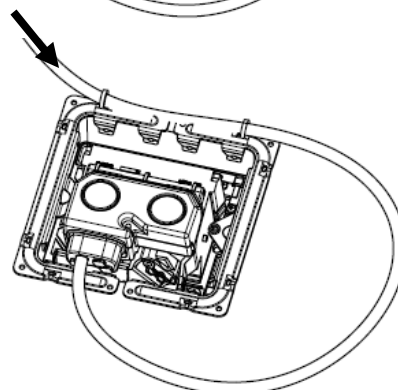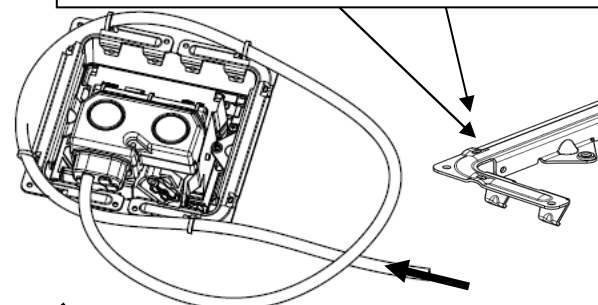
Maximun cable for data in assembly in a raised floor : cable 6a F/UTP

Note : if installation with several cables, they must be attached together using a cable tie
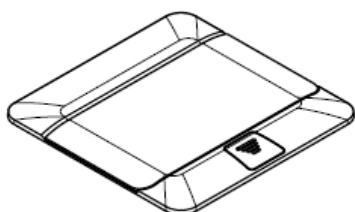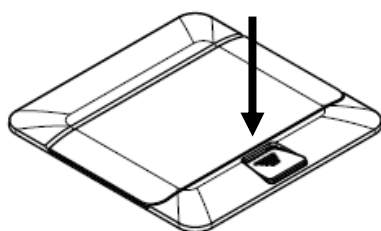

Pop-Up

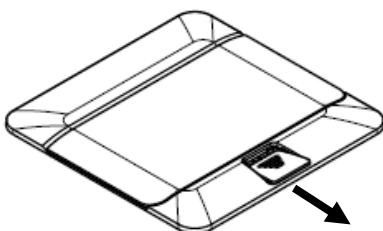## 3 TECHNICAL CHARACTERISTICS

Opening of the Pop-up

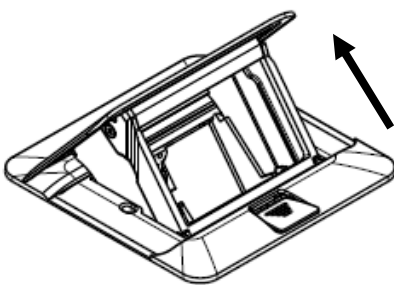In position closed, the Pop-up is locked

Press on the button to unlock the safety of the opening system
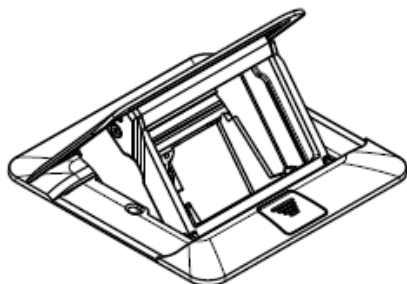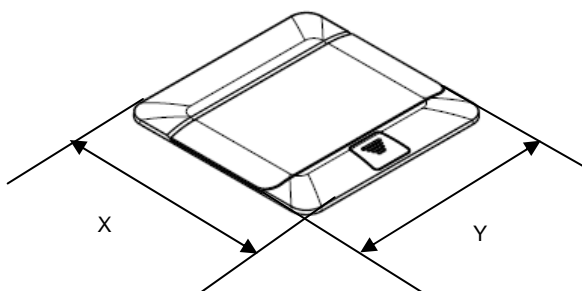

.

Pull the button

The trap door rises

The button is positioned back automatically and the trap is locked when it is in high position (open)

To close again the Pop-up, it is necessary to press and pull to unlock.

3 TECHNICAL CHARACTERISTICS (continued)

A : Dimensions of the Pop-up:

	X(mm)	Y(mm)
3 mod	120	120
4 mod	120	142.5
2x3 mod	120	230
2x4 mod	120	275

Pop-up (empty):
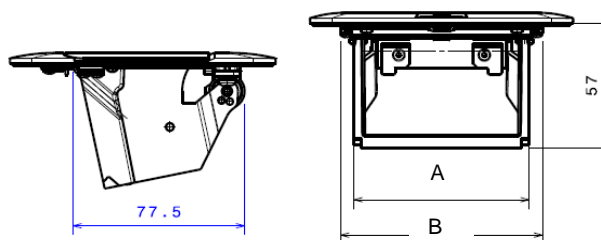
	A(mm)	B(mm)
3 mod	79.8	92
4 mod	102.3	114.5
2x3 mod	189.8	202
2x4 mod	231.6	247

Pop-up with installation kit for desk or raised floor :
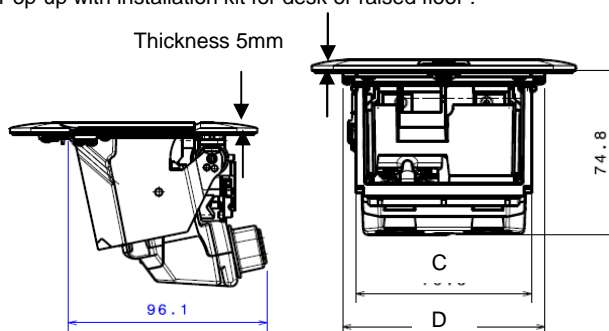
Thickness 5mm

	C(mm)	D(mm)
3 mod	79.8	92
4 mod	102.3	114.5
2x3 mod	189.8	202
2x4 mod	231.6	247

Pop-Up

Number(s) : 0 540 00 to 03, 0 540 05 to 08, 0 540 10 to 13,
0 540 15 to 18, 0 540 20 to 23, 0 540 26, 0 540 28, 0 540 31,
0 540 33, 0 540 40 to 43

3 TECHNICAL CHARACTERISTICS (continued)

B : Table of compatibility of equipment which can be installed.

Type of sockets	Modules
Mosaic & Arteor	
RJ 1 & 2 modules Only to use in raised floor or desk	
Low voltage socket	

Please note that:

    - for unswitched british standard socket you have to intall it at 90°

    - for switched british standard socket, you have to install the mechanism at 180°.

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Pop-Up

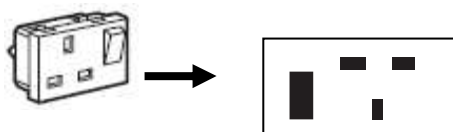**Number(s) : 0 540 00 to 03, 0 540 05 to 08, 0 540 10 to 13, 0 540 15 to 18, 0 540 20 to 23, 0 540 26, 0 540 28, 0 540 31, 0 540 33, 0 540 40 to 43**

3 TECHNICAL CHARACTERISTICS (continued)

C : Classification for Pop-up standard:

Standard NFC 61-314 / EN 60 670-1 / EN 60 670-23)

To earth the system	R < 0,05O
Protection against mechanical impact:	IK07
Degrees of protection provided by enclosure:	IP30 open - IP40 closed.
Resistance to vertical load applied through small surface area:	1500N open - 3000N closed.
Rated voltage	U=500V - R > 5MO
Electric strength :	2000V

Installation on the floor : to be installed on floor subjected to a dry treatment.

Material :
Material halogen free, fire proofed and no propagator of the flame.
Resistant to corrosion and to the changes of temperature

Finishes	Material
Brass	Brass material
Aluminium	Aluminium material
Stainless steel	Zamak nickel coating
Black	Aluminium material with black painting
White	Aluminium material with white painting

Installation :
On the floor (raised floor or concrete floor) (do not use data with concrete)
In the furniture (on the desk)

Safety :
You must earth the system

Assembly :
Position the sockets directly in the supports (the installation is done by before)
Remove the support, using a tool
Open the cover by simple pressure on button located on the surface

Cleaning :
The exterior should only be cleaned using a damp cloth (to avoid the contact with the active parts)
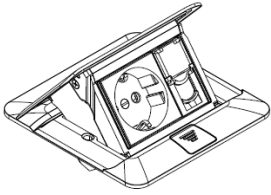Do not use grittings

Pop-Up

Number(s) : 0 540 00 to 03, 0 540 05 to 08, 0 540 10 to 13, 0 540 15 to 18, 0 540 20 to 23, 0 540 26, 0 540 28, 0 540 31, 0 540 33, 0 540 40 to 43

4 EXAMPLES TO USE

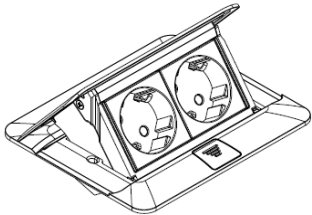Example with wiring accessories on Pop-up :

In Pop-up 3modules :

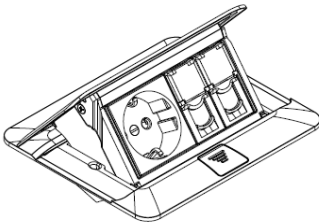1 socket German standard 2P+E + 1 RJ 45 socket Cat6 UTP

In Pop-up 4modules :
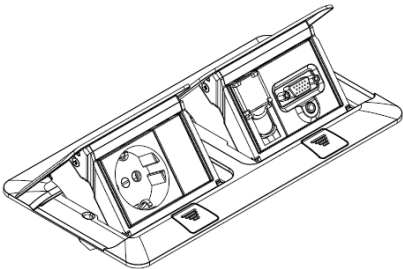
2 sockets German standard 2P+E

Or 1 socket German standard 2P+E + 2 RJ 45 sockets Cat6 UTP

In Pop-up 2x3modules :

1 socket German standard 2P+E + 1 blanking plate
+ 1 RJ 45 socket Cat6 UTP + 1 HD 15

In Pop-up 2x4 modules :

2 sockets German standard 2P+E + 1 HD 15 + 2 RJ 45 sockets
Cat6 UTP

Data sheet : F01367EN/00   Updated : 01/10/12   Created : 01/10/12   **L1 legrand**