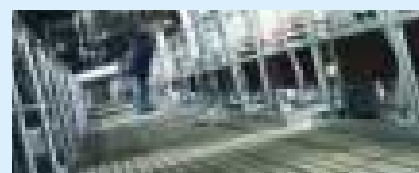
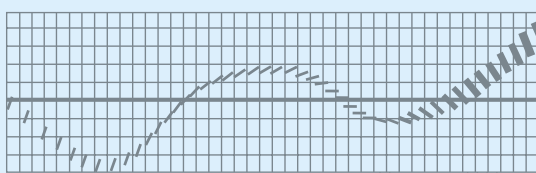
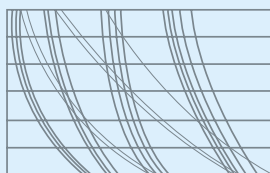


arena-walsall

*Salamandre*<sup>®</sup>

**SWiFTS**<sup>®</sup>

# CABLE MANAGEMENT SOLUTIONS CATALOGUE 2003/04



A COMPLETE CABLE MANAGEMENT SOLUTION FOR COMMERCIAL AND INDUSTRIAL APPLICATIONS

**legrand**<sup>®</sup>

[www.legrand.co.uk](http://www.legrand.co.uk)

SAVE  
**TIME AND**  
SAVE  
**MONEY**

Arena-Walsall



Multiple configurations and styles

A comprehensive selection  
of stylish and durable  
quick-fix floor boxes... each  
with multiple trim options  
and a variety of outlets to  
meet the requirements of  
any application.

## CAVITY FLOOR BOXES

Available with an assortment of trim finishes to match any decor and suit today's modern office environment



Innovative trim that can be secured in place quickly and easily with just a quarter turn of a screw for each anchor point



A vast array of power and data plates to provide tailor-made solutions and offer the perfect mix for every floor box



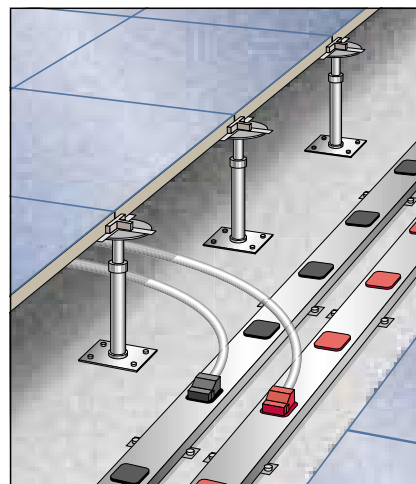
[www.legrand.co.uk](http://www.legrand.co.uk)

## cavity floor service outlet boxes

standard box

CE

- Available in 3 or 4 equal compartment options
- One piece Cavity Box construction for strength
- Outlet Plates have folded edges for rigidity
- Four designated earth points
- Universal 20/25mm knockouts to each compartment
- Will fit floor tile thickness range of 19 - 46mm



# cavity floor service outlet boxes

## standard box

### Ordering Details

#### Moulded Carpet Trim

3 compartment	<b>CFB/3</b>
3 compartment, Pre-wired	<b>CFB/3/PR*</b>
4 compartment	<b>CFB/4</b>
4 compartment, Pre-wired	<b>CFB/4/PR*</b>

#### Moulded Carpet Trim - Lockable

3 compartment	<b>CFB/3/LC</b>
3 compartment, Pre-wired	<b>CFB/3/LC/PR*</b>
4 compartment	<b>CFB/4/LC</b>
4 compartment, Pre-wired	<b>CFB/4/LC/PR*</b>

#### Steel Carpet Trim - Powder Coated

3 compartment	<b>CFB/3/MT</b>
3 compartment, Pre-wired	<b>CFB/3/MT/PR*</b>
4 compartment	<b>CFB/4/MT</b>
4 compartment, Pre-wired	<b>CFB/4/MT/PR*</b>

\* Component references for pre-wired service outlet boxes are incomplete. For details on completing references see pages 168 and 169.

#### Steel Carpet Trim - Brass

3 compartment	<b>CFB/3/MTB</b>
3 compartment, Pre-wired	<b>CFB/3/MTB/PR*</b>
4 compartment	<b>CFB/4/MTB</b>
4 compartment, Pre-wired	<b>CFB/4/MTB/PR*</b>

#### Steel Carpet Trim - Stainless Steel

3 compartment	<b>CFB/3/MTS</b>
3 compartment, Pre-wired	<b>CFB/3/MTS/PR*</b>
4 compartment	<b>CFB/4/MTS</b>
4 compartment, Pre-wired	<b>CFB/4/MTS/PR*</b>

#### Moulded Carpet Trim



#### Steel Carpet Trim - Powder Coated



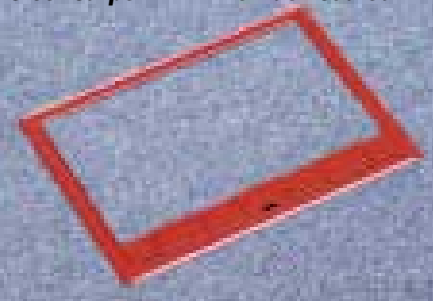
#### Steel Carpet Trim - Brass



#### Moulded Carpet Trim - Lockable



#### Steel Carpet Trim - Powder Coated



#### Steel Carpet Trim - Stainless Steel



4 compartment boxes have a reduced plate size which may restrict the accessories that have to be accommodated, please check before specifying.

Non-standard depth boxes can be supplied to suit non-standard accessories and/or floor cavity restrictions.

Each box contains one 13amp twin switched socket and plate (back wired) as standard. Additional sockets and plates should be ordered separately (see pages 158 and 159).

#### MATERIALS / FINISHES:

##### Moulded Carpet Trim:

Constructed from ABS/polycarbonate colour Grey to BS 4800-18B25.

##### Steel Carpet Trim:

**Powder Coated** to BS 4800-18B25.

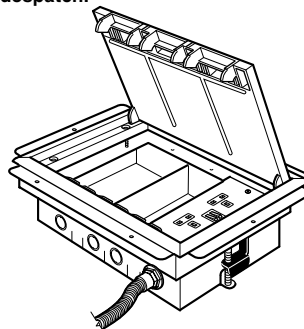
Different coloured metal trims are available

**Brass** to BS2870 Grade CZ108.

**Stainless Steel** to BS EN 10088 Grade 1.4301 (formerly BS1449 Grade 304) brushed or polished.

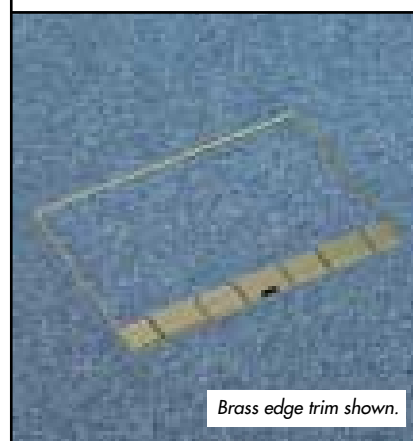
### Pre-wired for Power Track

Legrand has the facility to pre-wire tap-offs to customer specified cavity floor service outlet boxes for use with Power Track systems (see pages 168 and 169). All pre-wired assemblies are manufactured in an ISO 9002 approved facility and tested before despatch.



### Edge Trims

All steel trims can be manufactured as an edge trim. For further details contact our Sales Support.



Brass edge trim shown.

# cavity floor service outlet boxes

standard box

CE

## Construction / Installation

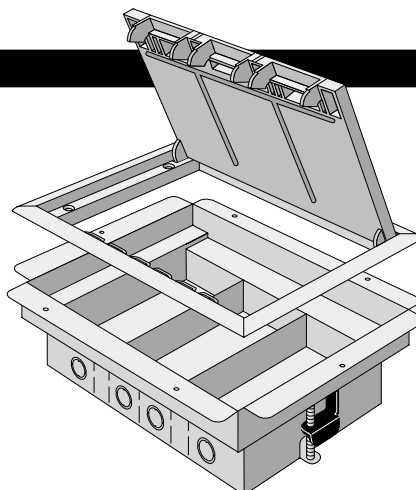
**The Service Outlet Box consists of two component parts:**

### Carpet Trim and Lid:

The trim and hinged lid is manufactured from a blend of polycarbonate and ABS which gives great strength and impact resistance. The lid is reinforced by a 2.5mm steel plate, has a carpet recess of 7mm, three individually hinged cable outlets and a moulded handle.

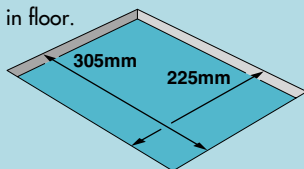
### Cavity Box:

A compartmented box which carries the socket outlet plates and has universal 20/25 knockouts to each compartment. Constructed from 1.0mm pre-galvanized steel to BS EN 10142 and 3.

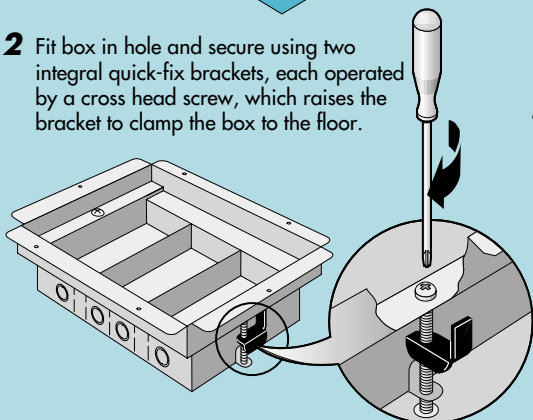


## Quick and Easy Installation

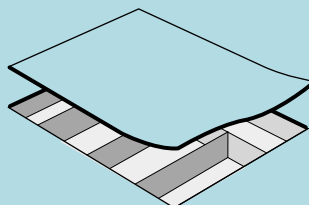
**1** Cut hole in floor.



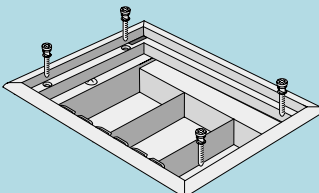
**2** Fit box in hole and secure using two integral quick-fix brackets, each operated by a cross head screw, which raises the bracket to clamp the box to the floor.



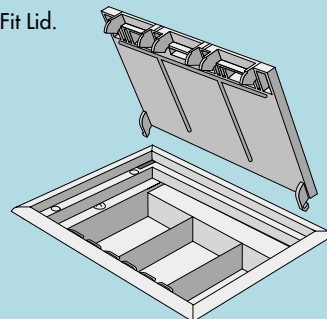
**3** Fit carpet. Cut out hole in carpet to the size of the opening and keep the scrap piece for stage 6.



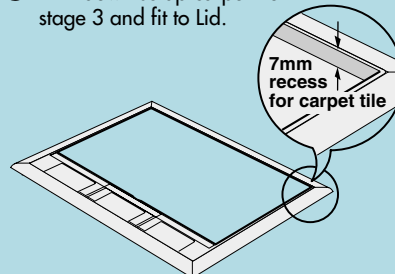
**4** Fit Carpet Trim and secure with four 'Rapid Fix' attachments (1/4 turn to fix).



**5** Fit Lid.

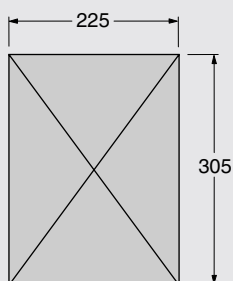


**6** Trim down scrap carpet from stage 3 and fit to Lid.



### DIMENSIONS:

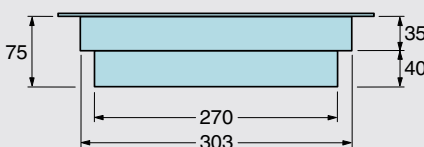
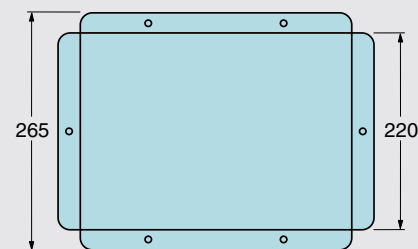
The recommended hole cutout size:  
305 x 225mm



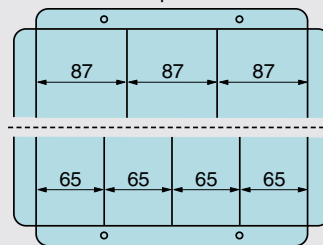
When using the four compartment option, plate widths are reduced from 87mm to 65mm.

The depth of the cavity box can easily be varied from standard to accommodate non-standard accessories and/or floor cavity restrictions.

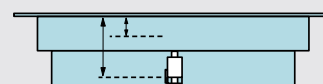
### Cavity Box



### 3 Compartment



### 4 Compartment



Will fit floor tile thickness range of 19 to 46mm.

dimensions (mm) are nominal



# cavity floor service outlet boxes

## 1 and 2 gang boxes

### 1 Gang Box

1 Gang Box, Steel Trim - Powder Coated	<b>CFB/1G/MT</b>
1 Gang Box, Steel Trim - Brass	<b>CFB/1G/MTB</b>
1 Gang Box, Steel Trim - Stainless Steel	<b>CFB/1G/MTS</b>

#### Pre-wired for Power Track

Legrand has the facility to pre-wire tap-offs to customer specified 1 gang boxes for use with Power Track systems (contact our Sales Support for details). All pre-wired assemblies are manufactured in an ISO 9002 approved facility and tested before despatch.



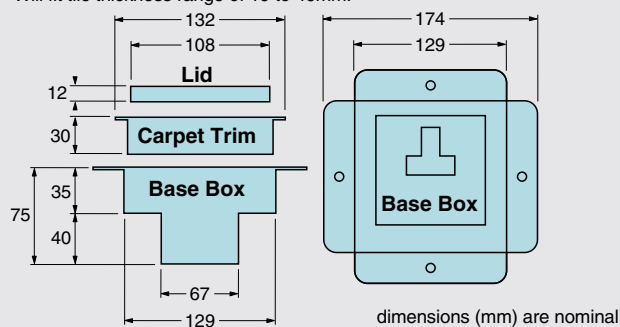
Supplied complete with 13amp single unswitched socket and plate (back wired) as standard.

Alternative sockets and plates are available on request, contact our Sales Support for details.

#### DIMENSIONS:

The recommended hole cutout size: 132 x 132mm.

Will fit tile thickness range of 19 to 46mm.



#### MATERIALS / FINISHES:

As Cavity Floor Service Outlet Box - steel carpet trim (see pages 155 and 156).

### 2 Gang Box

2 Gang Box, Steel Trim - Powder Coated	<b>CFB/2G/MT</b>
2 Gang Box, Steel Trim - Brass	<b>CFB/2G/MTB</b>
2 Gang Box, Steel Trim - Stainless Steel	<b>CFB/2G/MTS</b>

#### Pre-wired for Power Track

Legrand has the facility to pre-wire tap-offs to customer specified 2 gang boxes for use with Power Track systems (contact our Sales Support for details). All pre-wired assemblies are manufactured in an ISO 9002 approved facility and tested before despatch.



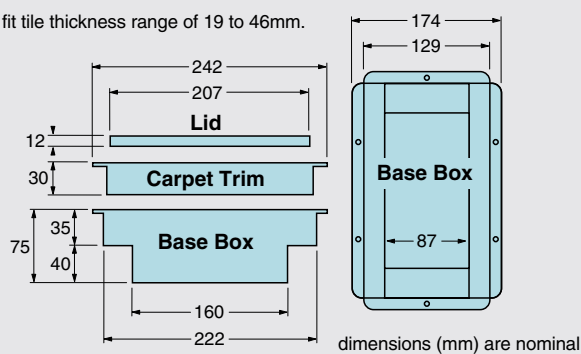
Supplied complete with 13amp twin switched socket and plate (back wired) as standard, alternative sockets and plates may be ordered (see pages 158 and 159).

Secured by using two integral quick-fix brackets, each operated by a cross head screw, which raises the bracket to clamp the box to the floor.

#### DIMENSIONS:

The recommended hole cutout size: 225 x 132mm.

Will fit tile thickness range of 19 to 46mm.



#### MATERIALS / FINISHES:

As Cavity Floor Service Outlet Box - steel carpet trim (see pages 155 and 156).

# cavity floor service outlet boxes

## slab box, power sockets and plates

### Slab Box

3 compartment

CFB/3/SL

#### Pre-wired for Power Track

Legrand has the facility to pre-wire tap-offs to customer specified slab boxes for use with Power Track systems (contact our Sales Support for details). All pre-wired assemblies are manufactured in an ISO 9002 approved facility and tested before despatch.

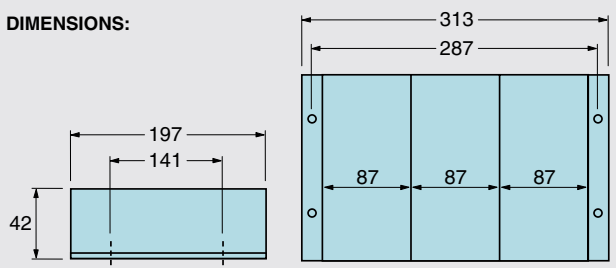


CFB/3/SL shown with additional NXPB/3, NXMT3/2 (and tap-off)

Each slab box contains one 13amp twin switched socket and plate (side wired) as standard. Additional sockets and plates should be ordered separately (see alongside and page 159).

The compartmented box which carries the socket outlet plates has two universal 20/25 knockouts and one earthing point to each compartment.

#### DIMENSIONS:



dimensions (mm) are nominal

#### MATERIALS / FINISHES:

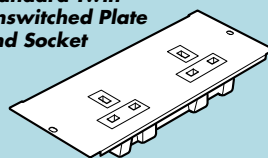
Constructed from 1.0mm pre-galvanized steel to BS EN 10142 and 3.

### Power Sockets and Plates

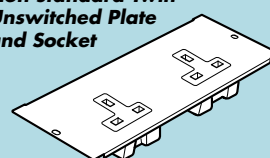
3 compartment	Standard Plate and Socket 13amp Back wired	Non-standard Plate and Socket 13amp Back wired
2 x Single Unswitched	<b>NSP101/3</b>	<b>NOP101/3</b>
2 x Single Switched	<b>NSP111/3</b>	<b>NOP111/3</b>
Twin Unswitched	<b>NSP201/3</b>	<b>NOP201/3</b>
Twin Switched	<b>NSP221/3</b>	<b>NOP221/3</b>
Twin Switched Clean Earth	<b>NSP221/3/CE</b>	<b>NOP221/3/CE</b>

4 compartment	Standard Plate and Socket 13amp Back wired	Non-standard Plate and Socket 13amp Back wired
2 x Single Unswitched	<b>NSP101/4</b>	<b>NOP101/4</b>
2 x Single Switched	<b>NSP111/4</b>	<b>NOP111/4</b>
Twin Unswitched	<b>NSP201/4</b>	<b>NOP201/4</b>
Twin Switched	<b>NSP221/4</b>	<b>NOP221/4</b>
Twin Switched Clean Earth	<b>NSP221/4/CE</b>	<b>NOP221/4/CE</b>

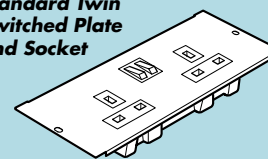
#### Standard Twin Unswitched Plate and Socket



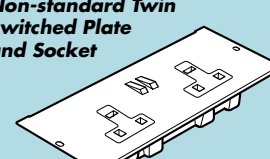
#### Non-standard Twin Unswitched Plate and Socket



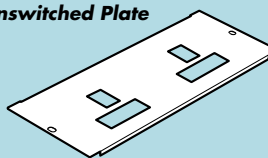
#### Standard Twin Switched Plate and Socket



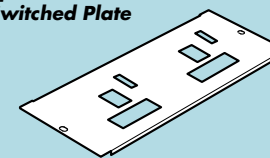
#### Non-standard Twin Switched Plate and Socket



#### Special Pierced Unswitched Plate



#### Special Pierced Switched Plate



3 compartment	Std Plate and Socket 13amp Side wired	Non-std Plate and Socket 13amp Side wired
2 x Single Unswitched	<b>NSP102/3</b>	<b>NOP102/3</b>
2 x Single Switched	<b>NSP112/3</b>	<b>NOP112/3</b>
Twin Unswitched	<b>NSP202/3</b>	<b>NOP202/3</b>
Twin Switched	<b>NSP222/3</b>	<b>NOP222/3</b>
Twin Switched Clean Earth	<b>NSP222/3/CE</b>	<b>NOP222/3/CE</b>

4 compartment	Std Plate and Socket 13amp Side wired	Non-std Plate and Socket 13amp Side wired
2 x Single Unswitched	<b>NSP102/4</b>	<b>NOP102/4</b>
2 x Single Switched	<b>NSP112/4</b>	<b>NOP112/4</b>
Twin Unswitched	<b>NSP202/4</b>	<b>NOP202/4</b>
Twin Switched	<b>NSP222/4</b>	<b>NOP222/4</b>
Twin Switched Clean Earth	<b>NSP222/4/CE</b>	<b>NOP222/4/CE</b>

Switched Sockets are double pole.

The standard colour of the sockets is white, but sockets can be supplied coloured red or black. When ordering add suffix /R and /B respectively.

Sockets and plates can be supplied to accommodate a mix of standard and non-standard outlets e.g. 1 x single standard and 1 x non-standard.

Special and custom-made plates available on request.

Many other variations of Sockets and Plates are available on request, including pierced plates for other wiring accessory manufacturers' sockets, please contact our Sales Support for details.

**FINISH:** Constructed from 0.9mm steel, grey plastic coated.



# cavity floor service outlet boxes

## service outlet plates

### RCD Socket Plate

3 compartment, 30mA	<b>NFP315</b>
---------------------	---------------

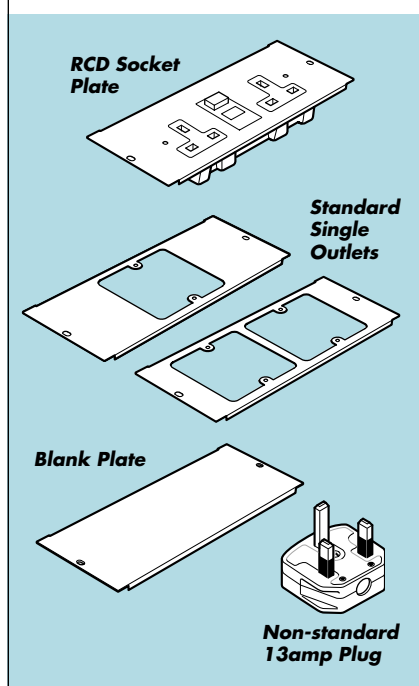
### Standard Single Outlets

1 x Single, 3 compartment	<b>NXP603/3</b>
2 x Single, 3 compartment	<b>NXP6032/3</b>

### Blank Plate

3 compartment	<b>NXPB/3</b>
4 compartment	<b>NXPB/4</b>

Non-standard 13amp Plug	<b>CO104</b>
-------------------------	--------------



#### RCD Socket Plates

are supplied with RCD socket.

Conform to BS 7288 and BS 1363 : Part 2

Responsive to pulsating DC earth fault currents

Rating:

16A - twin sockets (combined max.)

**Active:**

electrical latching - trips on power failure.



RCD Socket Plates can only be used with a 3 Compartment Cavity Floor Service Outlet Box.

#### Standard Single Outlets

Take BS 1363 data outlets.

If BS 1363 power sockets are used when a plug is fitted then the plug may foul the lid preventing the lid from shutting correctly.

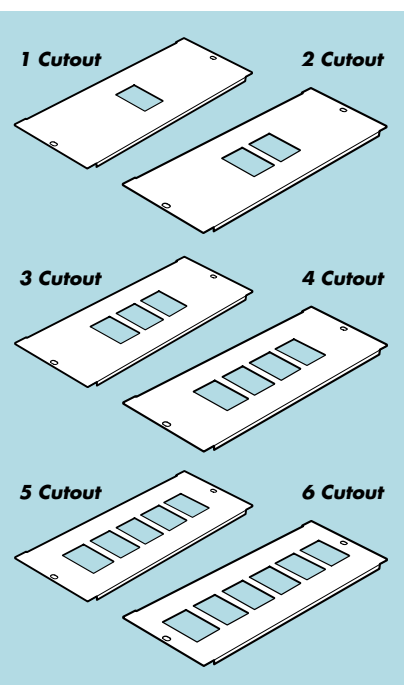
#### MATERIAL / FINISH:

Constructed from 0.9mm steel, grey plastic coated.

### Data Outlet Plates

	Cutout: 24x16mm	Cutout: 37x22mm
<b>3 compartment</b>		
1 cutout	<b>NXKS3/1</b>	<b>NXMT3/1</b>
2 cutout	<b>NXKS3/2</b>	<b>NXMT3/2</b>
3 cutout	<b>NXKS3/3</b>	<b>NXMT3/3</b>
4 cutout	<b>NXKS3/4</b>	<b>NXMT3/4</b>
5 cutout	—	<b>NXMT3/5</b>
6 cutout	—	<b>NXMT3/6</b>

	Cutout: 47.5x23.5mm	Cutout: 50x50mm
<b>3 compartment</b>		
1 cutout	<b>NXAS3/1</b>	<b>NXEM553/1</b>
2 cutout	<b>NXAS3/2</b>	<b>NXEM553/2</b>
3 cutout	<b>NXAS3/3</b>	—
4 cutout	<b>NXAS3/4</b>	—



	Cutout: 24x16mm	Cutout: 37x22mm
<b>4 compartment</b>		
1 cutout	<b>NXKS4/1</b>	<b>NXMT4/1</b>
2 cutout	<b>NXKS4/2</b>	<b>NXMT4/2</b>
3 cutout	<b>NXKS4/3</b>	<b>NXMT4/3</b>
4 cutout	<b>NXKS4/4</b>	<b>NXMT4/4</b>

	Cutout: 47.5x23.5mm	Cutout: 50x50mm
<b>4 compartment</b>		
1 cutout	<b>NXAS4/1</b>	<b>NXEM554/1</b>
2 cutout	<b>NXAS4/2</b>	<b>NXEM554/2</b>
3 cutout	<b>NXAS4/3</b>	—
4 cutout	<b>NXAS4/4</b>	—

Special and custom-made plates available on request.

#### MATERIAL / FINISH:

Constructed from 0.9mm steel, grey plastic coated.

### BNC Plates

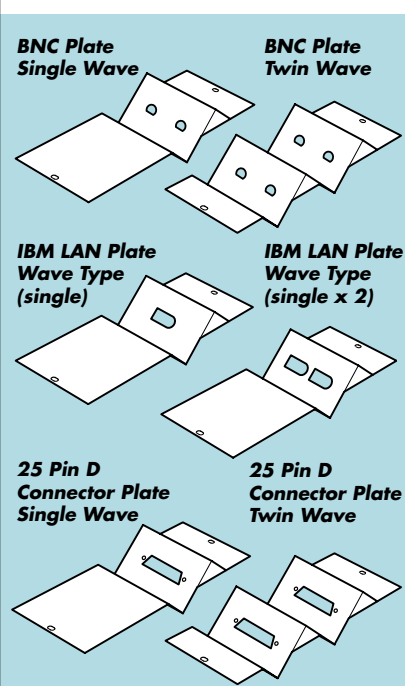
	3 compartment	4 compartment
Single Wave	<b>NXPBNC/3</b>	<b>NXPBNC/4</b>
Twin Wave	<b>NXPBNC2/3</b>	<b>NXPBNC2/4</b>

### IBM LAN Plates

	3 compartment	4 compartment
Wave (single)	<b>NXPBMW/3</b>	<b>NXPBMW/4</b>
Wave (single x 2)	<b>NXPBMW2/3</b>	—

### 25 Pin D Connector Plates

	3 compartment	4 compartment
Single Wave	<b>NXP25D/3</b>	<b>NXP25D/4</b>
Twin Wave	<b>NXP25D2/3</b>	<b>NXP25D2/4</b>



Special and custom-made plates available on request.

#### MATERIAL / FINISH:

Constructed from 0.9mm steel, grey plastic coated.

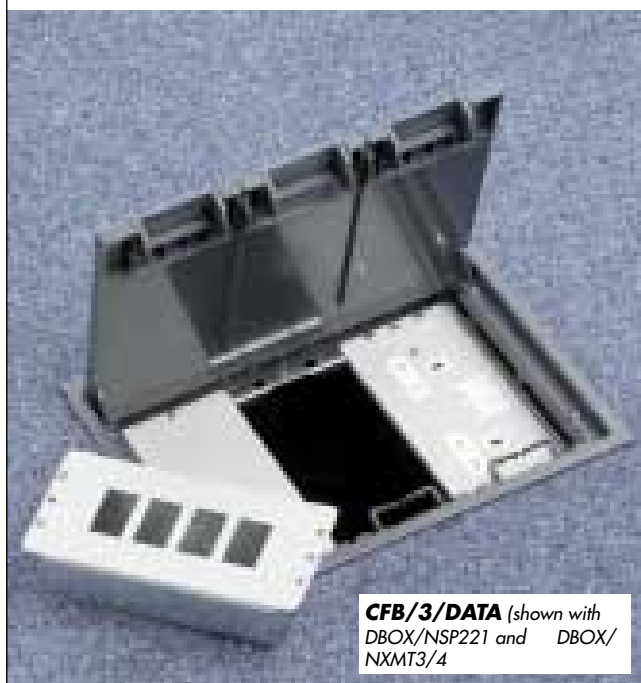
# cavity floor service outlet boxes

## data box and plates

### Data Box

#### Data Box

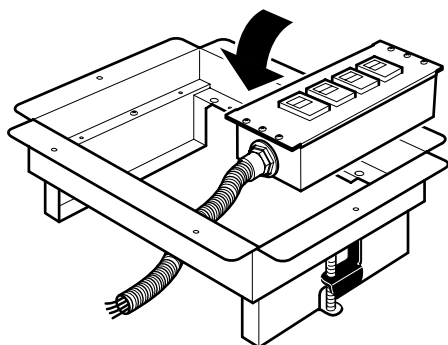
3 compartment data box

**CFB/3/DATA**


**CFB/3/DATA** (shown with DBOX/NSP221 and DBOX/NXMT3/4)

#### Data Box

Each data box contains one 13amp twin switched socket and plate as standard. Additional empty data boxes should be ordered separately.



#### DIMENSIONS:

3 Compartment Data Box as Cavity Floor Service Outlet Box (see page 156).

#### MATERIALS / FINISHES:

As Cavity Floor Service Outlet Box - moulded carpet trim (see pages 155 and 156).

### Plates and Data Back Boxes

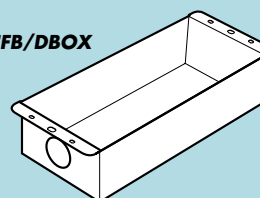
#### Plates and Boxes

Empty data back box	<b>CFB/DBOX</b>
Blank plate - data back box	<b>DBOX/NXPB3</b>
Twin switched 13amp dual earth socket - data back box	<b>DBOX/NSP221</b>
Twin switched 13amp clean earth socket - data back box	<b>DBOX/NSP221CE</b>
4 - 37 x 22mm data cut-outs (U6C) - data back box	<b>DBOX/NXMT3/4</b>
6 - 37 x 22mm data cut-outs (U6C) - data back box	<b>DBOX/NXMT3/6</b>
4 - 50 x 25mm data cut-outs - data back box	<b>DBOX/NXA53/4</b>

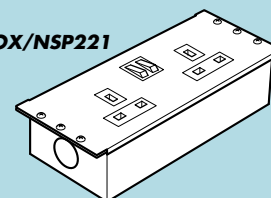
#### Pre-wired for Power Track

Legrand has the facility to pre-wire tap-offs to customer specified data back boxes for use with Power Track systems (contact our Sales Support for details). All pre-wired assemblies are manufactured in an ISO 9002 approved facility and tested before despatch.

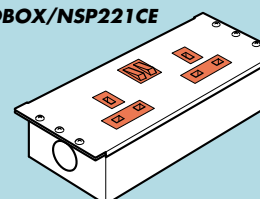
#### CFB/DBOX



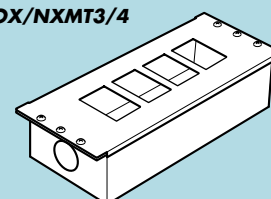
#### DBOX/NSP221



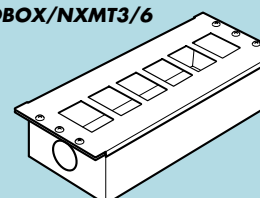
#### DBOX/NSP221CE



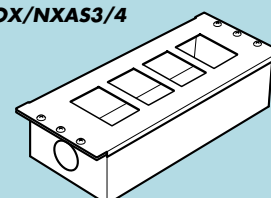
#### DBOX/NXMT3/4



#### DBOX/NXMT3/6



#### DBOX/NXA53/4



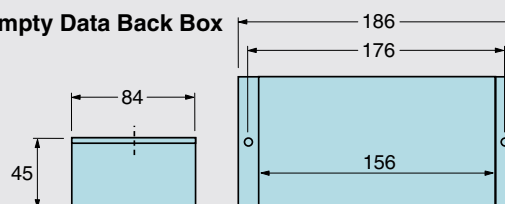
#### Plates

Alternative plates are available on request, for details contact our Sales Support.

Standard plates can be screwed directly into data box for ease of data cabling, see pages 158 and 159 for additional plates (no DBOX required). Data back boxes carry the data outlet plates and have one 25mm diameter knockout and one earthing point.

#### DIMENSIONS:

##### Empty Data Back Box



dimensions (mm) are nominal

#### MATERIAL / FINISH:

Data back box constructed from 1.0mm steel.

Plates constructed from 0.9mm steel, grey plastic coated.

# cavity floor service outlet boxes

## contractor box and plates

### Contractor Box and Plates

#### Contractor Box

3 compartment **CFB3EC**

80mm deep access floor service unit, supplied complete with 13amp twin switched socket and plate as standard, additional sockets and plates are ordered separately (see alongside).

#### Plates

Twin Switched Socket, 13amp Dual Earth	<b>SP101F</b>
Twin Switched Socket, 13amp Clean Earth and Dual Earth	<b>SP111F</b>
Blank Plate	<b>SP201P</b>
4 x U6C/RJ45 Data Plate - 37 x 22.3mm Cutouts	<b>SP203P</b>
2 x 25 Pin 'D' Type Outlets	<b>SP206P</b>
4 x Euromod* <sup>1</sup> Type Outlets (50 x 50 cutout and frame)	<b>SP207P</b>
2 x Single BT* <sup>2</sup> U2 Plate (not suitable for standard single gang socket outlets)	<b>SP208P</b>
4 x Mosaic* <sup>3</sup> Type Outlets (45 x 45 cutout and frame)	<b>SP211P</b>

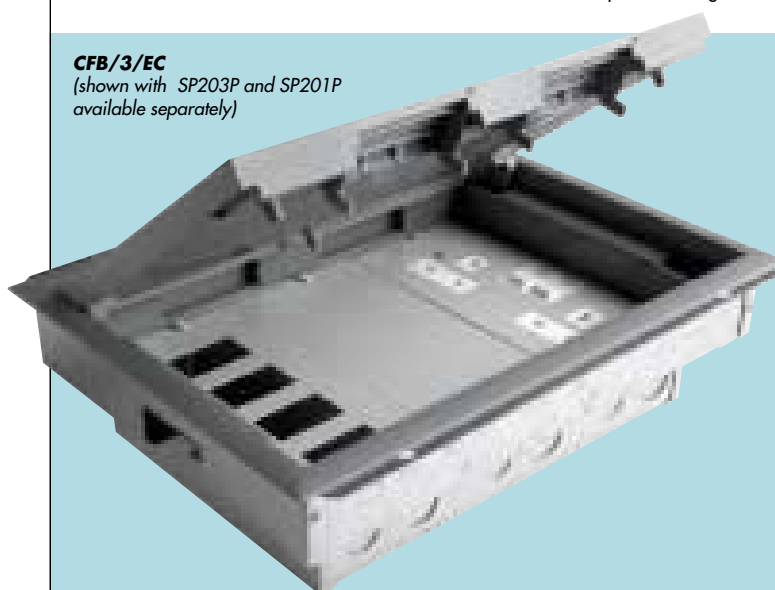
\*<sup>1</sup> Euromod - a product of the Molex company.

\*<sup>2</sup> BT - registered trademark of British Telecommunications PLC.

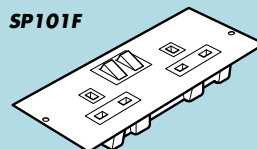
\*<sup>3</sup> Mosaic - a product of Legrand.

#### CFB/3/EC

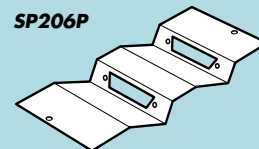
(shown with SP203P and SP201P available separately)



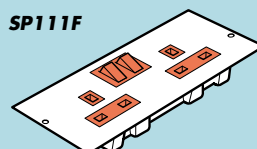
SP101F



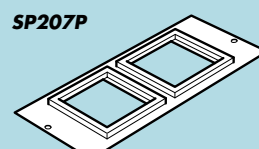
SP206P



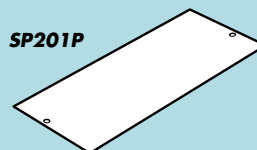
SP111F



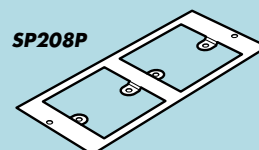
SP207P



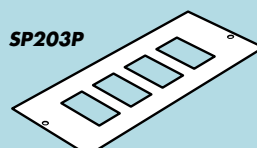
SP201P



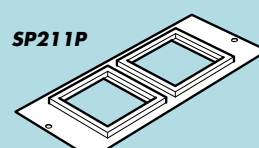
SP208P



SP203P



SP211P



**Contractor Box** Comprises three component parts:

1. **Lid** - includes two cable outlet flaps. Cable flaps lock in open position, dimension of cable exit opening approx. 58 x 15mm. Lid comprises lid tray moulding and steel reinforcement.

2. **Plastic Carpet Trim**.

3. **Steel Base Box** - includes 2 removable steel partitions. Base box has 2 x 20mm and 2 x 25mm diameter knockouts and an earthing point in each compartment.

4. **Fixing kit** - 4 x M5 x 20CSK screws, 1 x M5 x 6 pan earth screw, 2 x earth washers, 1 x circuit label.

Plates are supplied separately with 2 fixing screws per plate. Socket interiors can be supplied with plates, for details contact our Sales Office.

#### Installation

Trim adjustable by up to 10mm. Lid recess for carpet thickness of 10mm.

#### MATERIALS / FINISH:

All plastic parts are moulded in grey Nylon 6. Steel parts to BS EN 10142 in the following thicknesses:

Lid reinforcement: Pre-galvanised sheet steel - 3.0mm

Base box body: Pre-galvanised sheet steel - 1.0mm

Plates: Grey plastic coated steel - 1.5mm

#### DIMENSIONS:

The recommended hole cut-out size: 287 x 211mm.

Will fit floor tile thickness range of 19 to 46mm.

10mm adjustment (A) for floor finish thickness.

