Legrand®

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19" LCS² freestanding cabinets

Catalogue number(s): 0 463 00/06/12/18/19/21/22/23
0 463 28/29/30/33/34/35/41/42/43

1. GENERAL FEATURES

19" LSC² freestanding cabinets are intended for digital infrastructures.

19" LCS² cabinets are metal and provide IP20 - IK08 protection. They have a single or double screen-printed curved glass door and are finished throughout in charcoal grey RAL 7016.

19" LSC² cabinets can be joined together, either directly or via a cabling unit, and can be equipped with a modular plinth.

Equipment and accessories for cable management, vertical extension, thermal management, etc. complete the range.

1.1 Presentation
The main parts of 19" LCS² freestanding cabinets are:
- A framework consisting of 4 uprights and 2 end plates
- A single or double screen-printed curved glass front door
- 2 side panels (excluding extension cabinets)
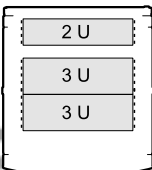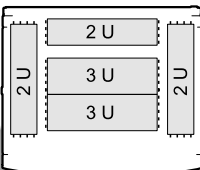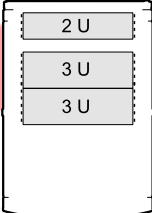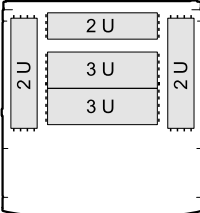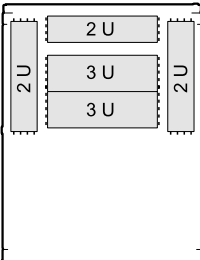- A rear panel
- 4 x 19" uprights
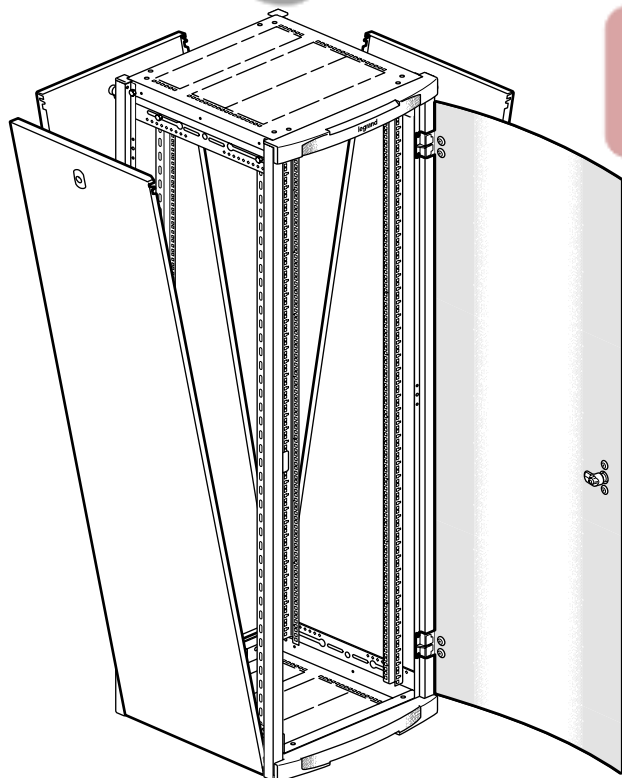
1. GENERAL FEATURES *(continued)*

1.1 Presentation *(continued)*
The 4 structural uprights and the 2 end plates form a metal framework that is screwed together. The cabinet can be dismantled completely if access is difficult.

The end plates contain the cabinet's cable entries. Their configuration, which is identical for the top and the bottom, is dependent on the dimensions of the cabinet:

(mm)	Width 600	Width 800
Depth 600	2 U / 3 U / 3 U	2 U / 2 U / 3 U / 3 U / 2 U
Depth 800	2 U / 3 U / 3 U	2 U / 2 U / 3 U / 3 U / 2 U
Depth 1000		2 U / 2 U / 3 U / 3 U / 2 U

Each cable entry is pre-cut in 19" format in order to be equipped with a cable entry plate (see section 7.1).

The whole structure stands on 4 levelling feet that can be adjusted from the inside and the outside of the cabinet.

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19" LCS² freestanding cabinets

1. GENERAL FEATURES *(continued)*

1.1 Presentation *(continued)*

The single front door comprises:
- Curved colourless transparent glass with "pixel" screen-printing on the vertical edges
- A handle equipped with a 2433A key lock
- 2 metal hinges (3 for 47U height)

The double front door comprises:
- Two half-doors made of curved colourless transparent glass with "pixel" screen-printing on the external vertical edges
- A locking bolt located at the top of each half-door
- Two metal hinges on each half-door

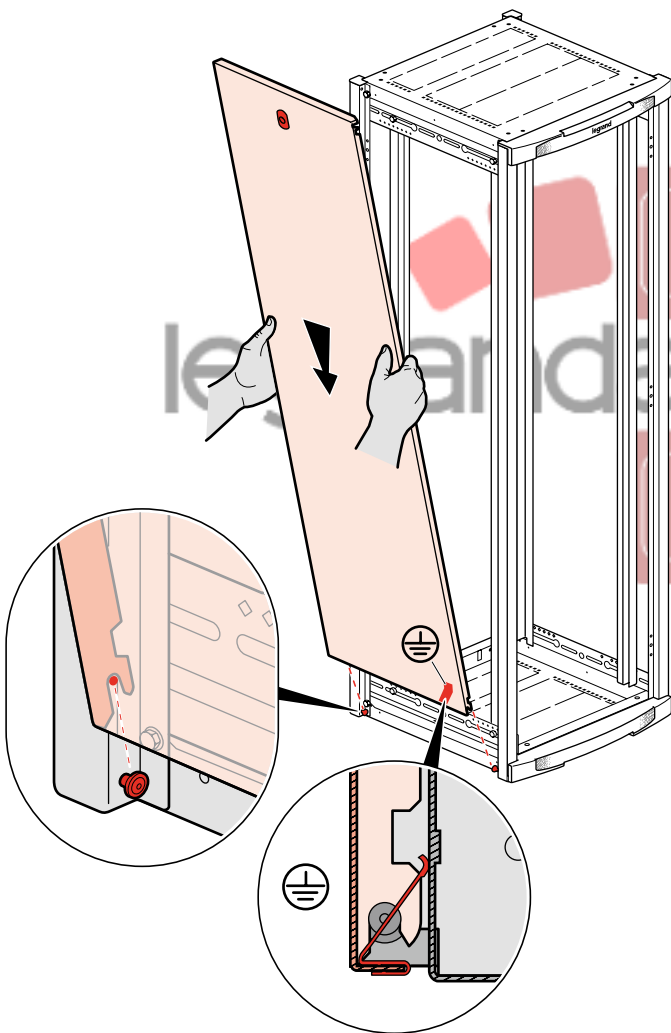Doors are removable and single door is reversible.
Locks are compatible with key barrels (other key codes) and inserts Cat. Nos. 0 368 13/16/17/18/19/20/22/23/24/25/26/27.

For a perfect finish, 2 fascia trims, clipped onto the end plates, continue the "pixel" design from the door. The upper trim carries the Legrand name.

The side and rear metal panels are equipped with:
- A 2433A locking bolt
- A stainless steel equipotential link clip

Each panel is removable for total accessibility:

The clip automatically provides continuity of the metal conductive parts between the panels and the rest of the cabinet (no risk of this being forgotten).
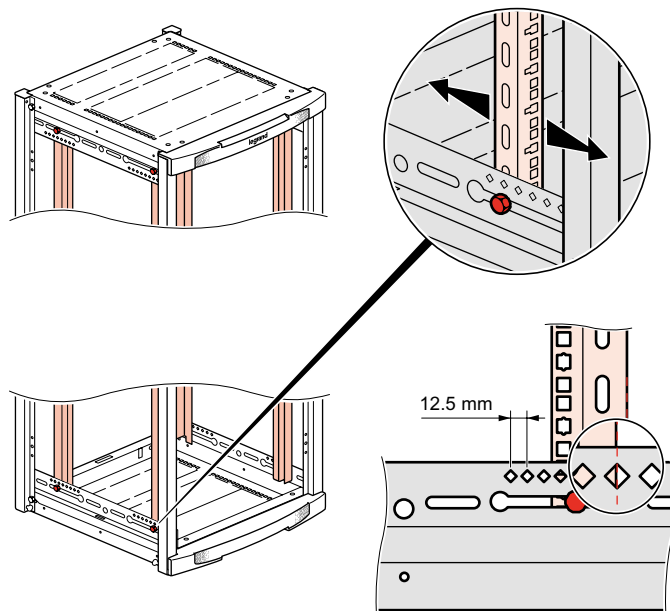
The lock is compatible with key barrels (other key codes) and inserts Cat. Nos. 0 368 13/16/17/18/19/20/22/23/24/25/26/27.
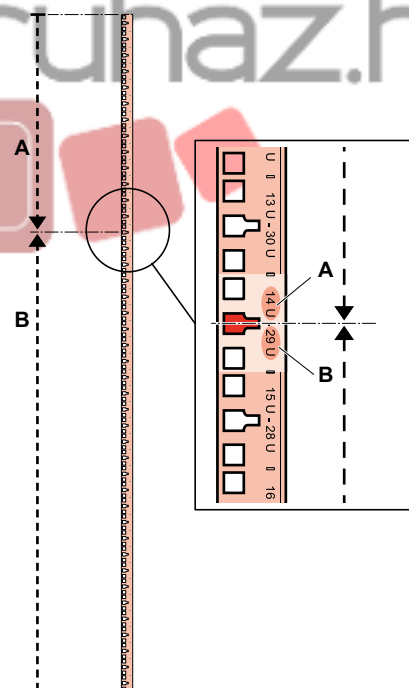
1. GENERAL FEATURES *(continued)*

1.1 Presentation *(continued)*

The four 19" uprights have dual marking of the Us and assistance with depth adjustment for easy installation.

The adjustment is continuous with markings at 12.5 mm intervals:

12.5 mm

The dual marking of the Us enables location in relation to the top or the bottom of the cabinet:

In the above example, the marking indicates that this is U no. 14 from the top and U no. 29 from the bottom of the cabinet.

The 19" uprights are perforated with 9.5 x 9.5 mm square holes.

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19" LCS² freestanding cabinets

1. GENERAL FEATURES *(continued)*

1.2 Standards
19" LCS² freestanding cabinets comply with the following standards:

IEC 60529 EN 60529	(NF C 20-010) Degrees of protection provided by enclosures (IP code)
IEC 62262 EN 62262	(NF EN 50102, NF C 20-015) Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)
IEC 60950-1 EN 60950-1 C 77-210-1	Safety of information technology equipment
EIA-310-E	Cabinets, racks, panels and associated equipment (ANSI/EIA/310-E-2005)
IEC 60297-3-100 DIN 41414-7	(NF C 20-150, NF C 20-151) Dimensions of mechanical structures of the 482.6 mm series (19 in)

19" LCS² freestanding cabinets can be integrated in installations complying with the following standards:

EN 50173-1	Information technology - Generic cabling systems
EN 50174-1 & 2 C 90-480-1 & 2	Information technology - Cabling installation
ISO IEC 11801	Information technology - Generic cabling for customer premises
NF C 15-100 Part 4-41	Low voltage electrical installations - recommendations
IEC 60364-4-41	Low voltage electrical installations - Protection for safety - Protection against electric shock

2. RANGE

2.1 Cabinet with single front door

Catalogue Number	Capacity	Width (1) (mm)	Depth (1) (mm)
0 463 00	24U	600	600
0 463 06	29U	600	600
0 463 12	33U	600	600
0 463 18	42U	600	600
0 463 19	42U	600	800
0 463 21	42U	800	600
0 463 22	42U	800	800
0 463 23	42U	800	1 000
0 463 28	47U	800	800
0 463 29	47U	800	1 000

Two extension freestanding cabinets complete the range. These are supplied without side panels and with a baying kit:
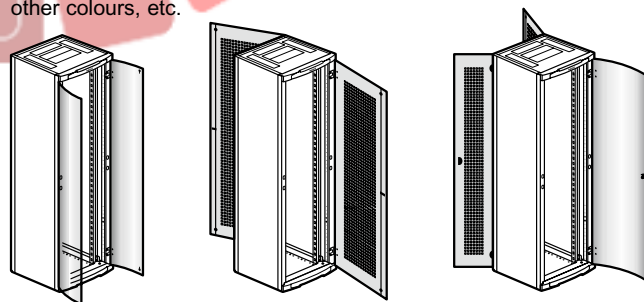
19" LCS² extension cabinets

Catalogue Number	Capacity	Width (1) (mm)	Depth (1) (mm)
0 463 30	42U	600	600
0 463 33	42U	800	800

2.2 Cabinet with double front door
Door opening suitable for small spaces

Catalogue Number	Capacity	Width (1) (mm)	Depth (1) (mm)
0 463 41	42U	800	600
0 463 42	42U	800	800
0 463 43	42U	800	1 000

To meet specific requirements, the made-to-measure department offers 40 sizes and various configurations: front and rear door (microperforations, metal double door…), mounting of equipment, other colours, etc.

(1) Designated dimensions. See section 4.1 for overall dimensions.

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3. TECHNICAL FEATURES

3.1 Index of protection
- IP20 in accordance with IEC EN 60529
  Protected against solid objects whose diameter is larger than 12.5 mm

- IK08 in accordance with IEC EN 62262
  Protected against mechanical impact with an energy of 5 joules

3.2 Mechanical performance
- Permissible load: 420 kg

- Resistance to shock acceleration and vibration in accordance with
  IEC 61587-1: level DL4

3.3 Design
- Structural uprights and upper end plate 1.5 mm thick
  galvanised steel + paint finish

- Lower end plate 1.5 mm thick Z140 MB-C galvanised steel

- Curved front door made of 5 mm thick colourless transparent
  safety glass.
  Charcoal grey RAL 7016 internal screen-printing on the vertical
  edges: 2 x 143 mm in 600 mm width, 2 x 243 mm in 800 mm width.

- Single door handle charcoal grey RAL 7016 polyamide

- Door hinges zamak + paint finish

- Fascia trims charcoal grey RAL 7016 ABS.
  Legrand marked in relief + pad printed in aluminium grey RAL 9006.

- Panels 1.2 mm thick sheet steel + paint finish

- Single door and panels bolt charcoal grey RAL 7016 polyamide

- 19" uprights 1.5 mm thick galvanised steel.
  Number of U marked using black inkjet marking.

- Levelling feet zinc-plated steel with black polypropylene fixed base

3.4 Corrosion resistance
- Corrosion class of the environment:
  C2 according to EN ISO 12944-2,
  3K3 according to IEC EN 60721-3-3

- Salt spray test according to ISO 9227 (NSS test) and
  IEC EN 60068-2-11 (test Ka) for 168 hours:
  degree of rusting Ri1 according to ISO 4628-3,
  propagation $\leqslant$ 1 mm according to ISO 4628-8

- Sulphur dioxide (SO_2) test according to EN ISO 6988 for 48 hours:
  degree of rusting Ri1 according to ISO 4628-3,
  ISO 10289 annex A class 8 type image

3.5 Properties of the paint coating
- Thermosetting polyester paint applied by electrostatic dusting

- Charcoal grey RAL 7016

- Textured satin appearance

- 60 to 80 μm thick

- Excellent impact and scratch resistance

- Excellent resistance to cleaning agents (excluding strong chlorinated,
  fluorinated and ketone solvents).
  Some products may change the appearance. It is therefore advisable
  to carry out a test first.

- Light exposure test (xenon-arc lamp) according to
  ISO 4892-2 method B for 500 hours: no visible fading

3. TECHNICAL FEATURES *(continued)*

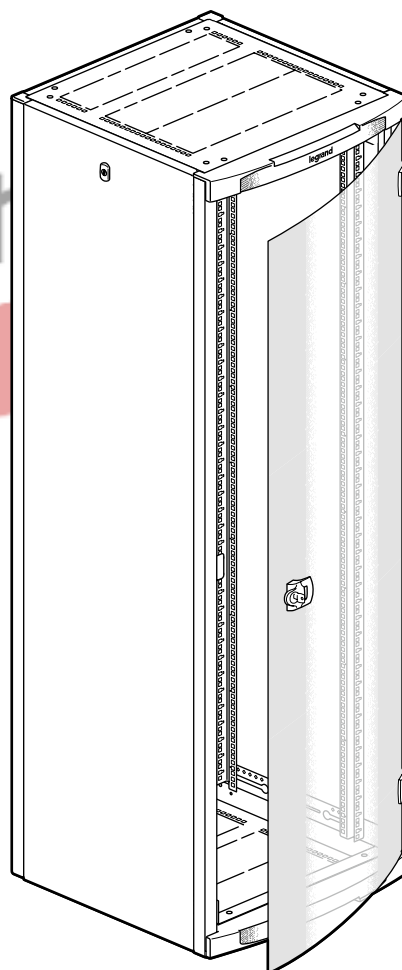### 3.6 Electrical continuity of the conductive parts
Continuity of the metal conductive parts of the cabinet is achieved
by construction. For the panels, a stainless steel clip automatically
provides the equipotential link by pressing against the lower end plate
with galvanised steel finish.

3.7 Weight
Net weight excluding packaging.

Cabinet catalogue number	Weight (kg)
0 463 00	69
0 463 06	77
0 463 12	84
0 463 18 (extension 0 463 30)	99 (72)
0 463 19	110
0 463 21/41	114
0 463 22/42 (extension 0 463 33)	127 (90)
0 463 23/43	151
0 463 28	138
0 463 29	163

Note: 19" LCS² cabinets are delivered on a 125 mm high pallet.

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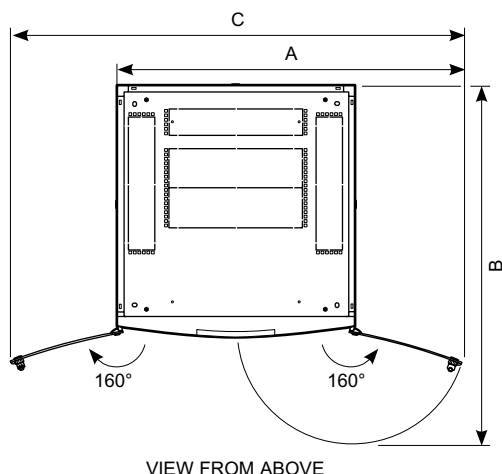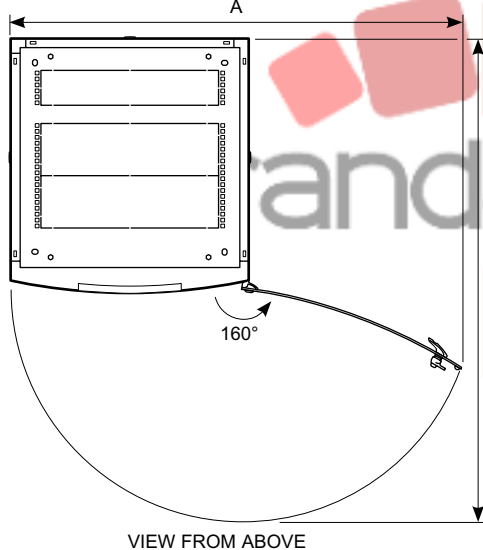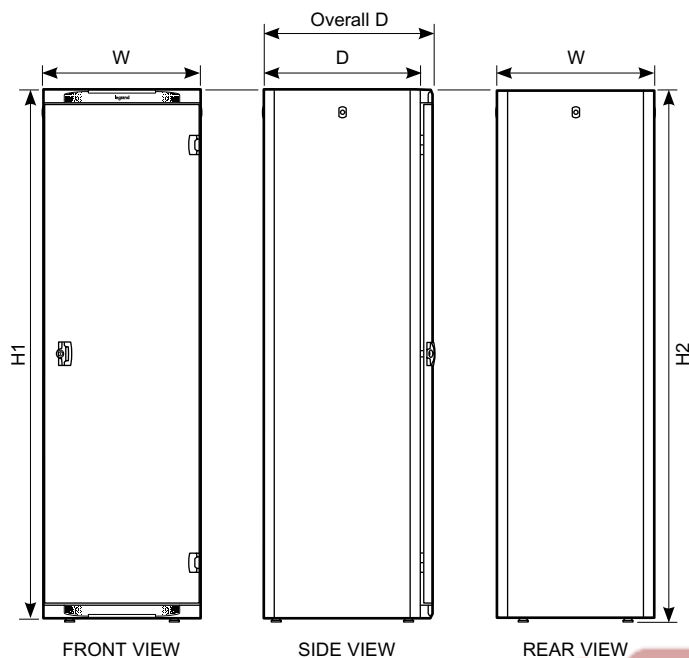
4. DIMENSIONS

All dimensions are in mm.

4.1 Dimensions
Model shown: 600 x 600 mm cabinet / 800 x 800 mm double door cabinet

FRONT VIEW   SIDE VIEW   REAR VIEW

VIEW FROM ABOVE

VIEW FROM ABOVE

4. DIMENSIONS *(suite)*

4.1 Dimensions *(suite)*

Single front door cabinets

Cat. No.	Capacity	W	D	Overall dimensions					
				H1[1]	H2 min./max.[2]	W	D	A	B
0 463 00	24U	600	600	1226	1241/1271	610	659	1138	1208
0 463 06	29U	600	600	1448	1463/1493	610	659	1138	1208
0 463 12	33U	600	600	1626	1641/1671	610	659	1138	1208
0 463 18	42U	600	600	2026	2041/2071	610	659	1138	1208
0 463 19	42U	600	800	2026	2041/2071	610	859	1138	1408
0 463 21	42U	800	600	2026	2041/2071	810	657	1525	1408
0 463 22	42U	800	800	2026	2041/2071	810	857	1525	1608
0 463 23	42U	800	1000	2026	2041/2071	810	1057	1525	1808
0 463 28	47U	800	800	2248	2263/2293	810	857	1525	1608
0 463 29	47U	800	1000	2248	2263/2293	810	1057	1525	1808
Extension cabinets									
0 463 30	42U	600	600	2026	2041/2071	600	659	1138	1208
0 463 33	42U	800	800	2026	2041/2071	800	857	1525	1608

Double front door cabinets

Cat. No.	Capacity	W	D	Overall dimensions						
				H1[1]	H2 min / max[2]	W	D	A	B	C
0 463 41	42U	800	600	2026	2041 / 2071	810	657	1165	815	1535
0 463 42	42U	800	800	2026	2041 / 2071	810	857	1165	1015	1535
0 463 43	42U	800	1000	2026	2041 / 2071	810	1057	1165	1215	1535

[1] Without level adjustment feet
[2] With level adjustment feet (+15 to 45 mm)

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19" LCS² freestanding cabinets

4. DIMENSIONS *(continued)*

4.2 Usable dimensions

4.2.1 600 mm wide freestanding cabinets

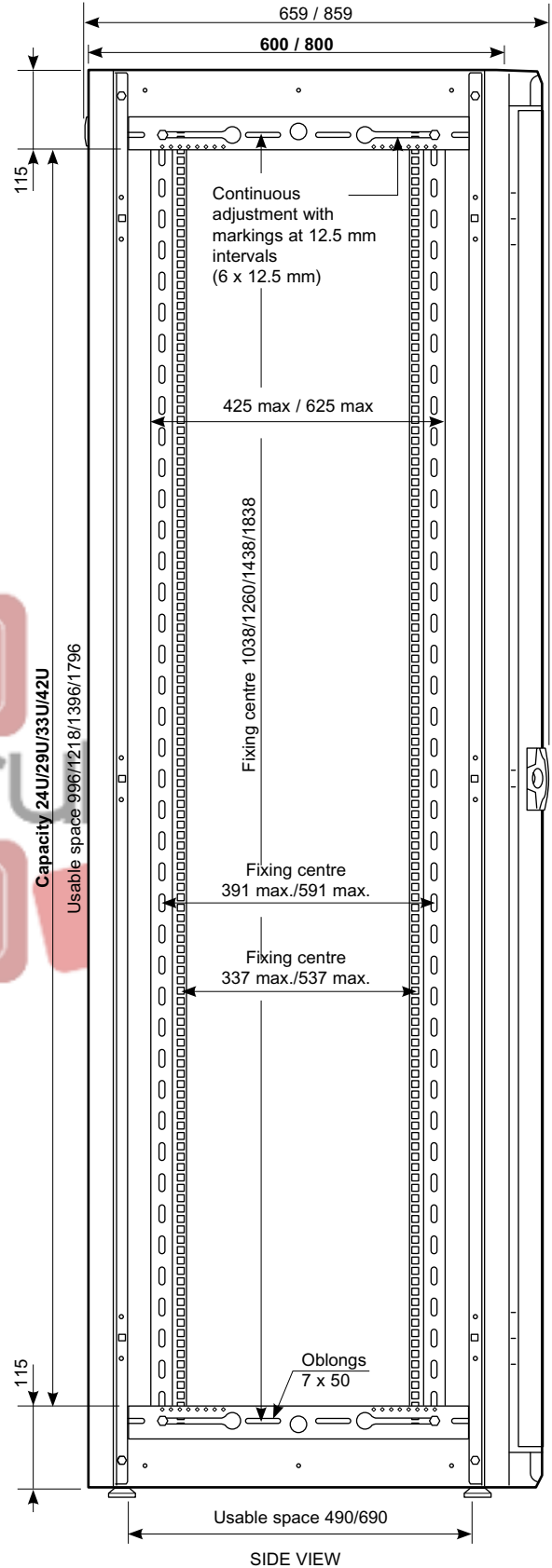600 mm wide cabinets are available in 4 heights:
24U, 29U, 33U and 42U
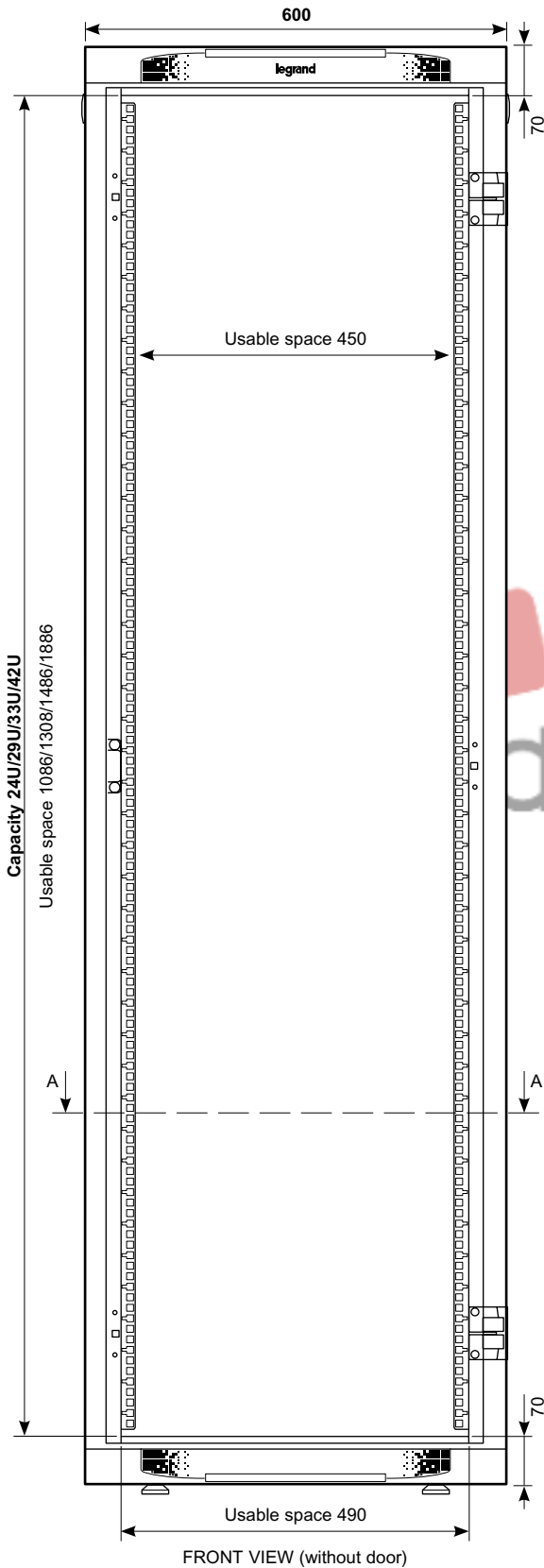
600

70

Usable space 450

Capacity 24U/29U/33U/42U

Usable space 1086/1308/1486/1886

A

70

Usable space 490

FRONT VIEW (without door)

4. DIMENSIONS *(continued)*

4.2 Usable dimensions *(continued)*
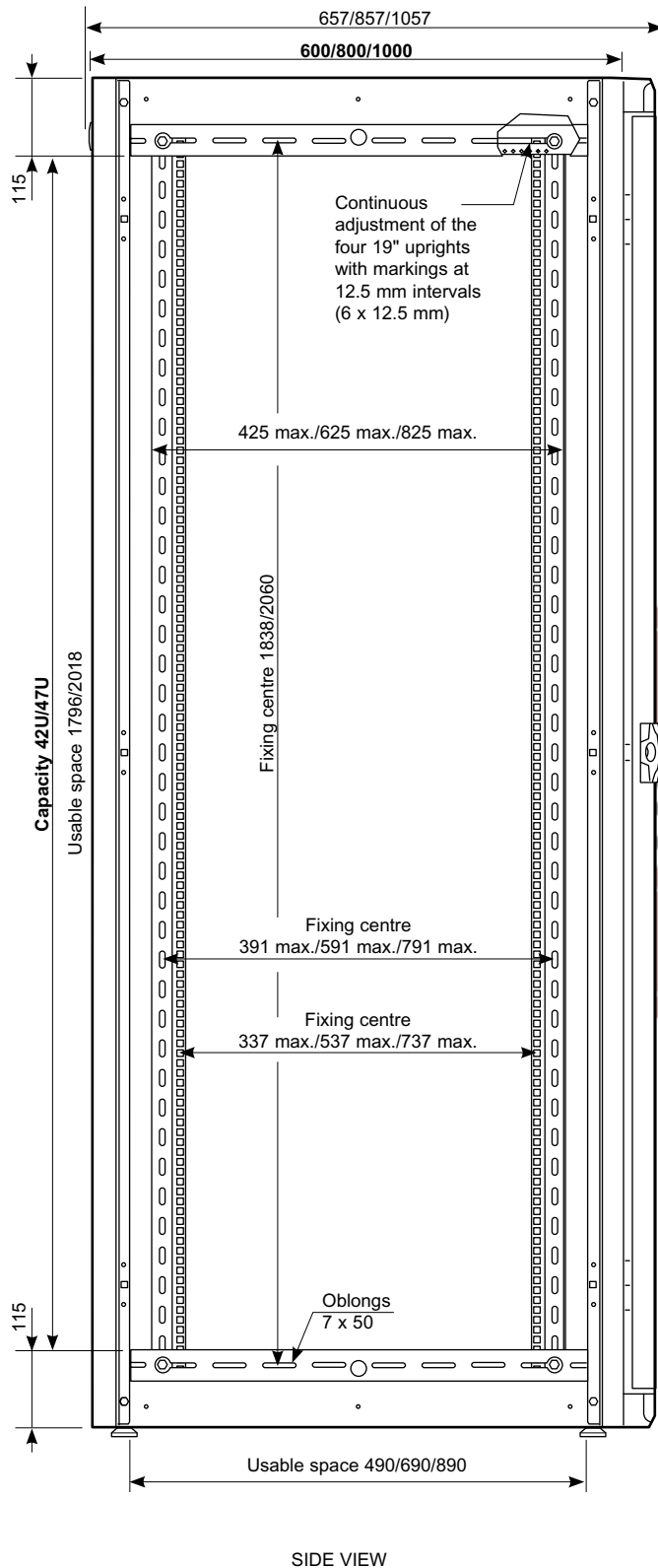
4.2.1 600 mm wide freestanding cabinets *(continued)*

600 mm wide cabinets are available in 2 depths: 600 and 800 mm
Model shown: 600 x 600 mm cabinet

659 / 859

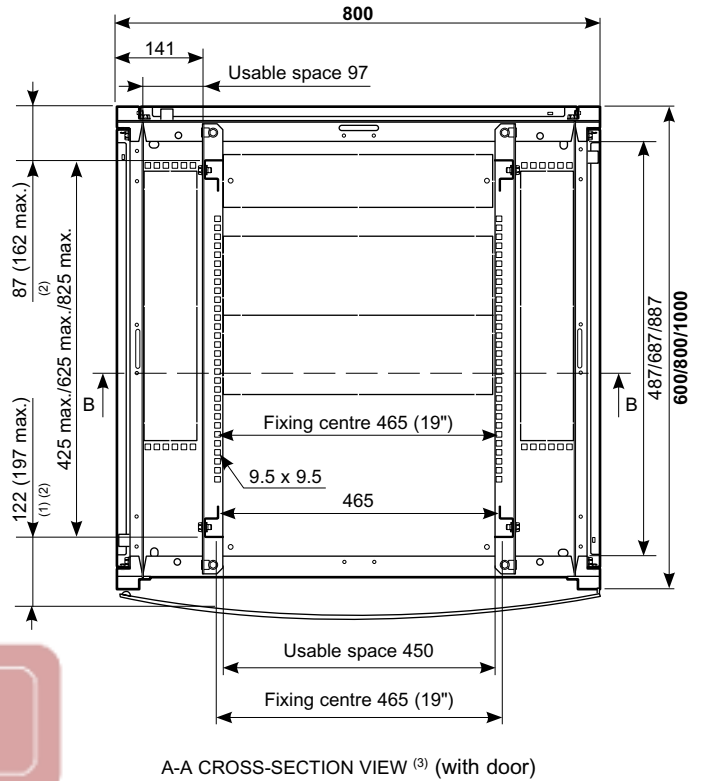**600 / 800**

115

Continuous
adjustment with
markings at 12.5 mm
intervals
(6 x 12.5 mm)

425 max / 625 max

Fixing centre 1038/1260/1438/1838

Capacity 24U/29U/33U/42U

Usable space 996/1218/1396/1796

Fixing centre
391 max./591 max.

Fixing centre
337 max./537 max.

115

Oblongs
7 x 50

Usable space 490/690

SIDE VIEW

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19" LCS² freestanding cabinets

4. DIMENSIONS *(continued)*

4.2 Usable dimensions *(continued)*

4.2.1 600 mm wide freestanding cabinets *(continued)*
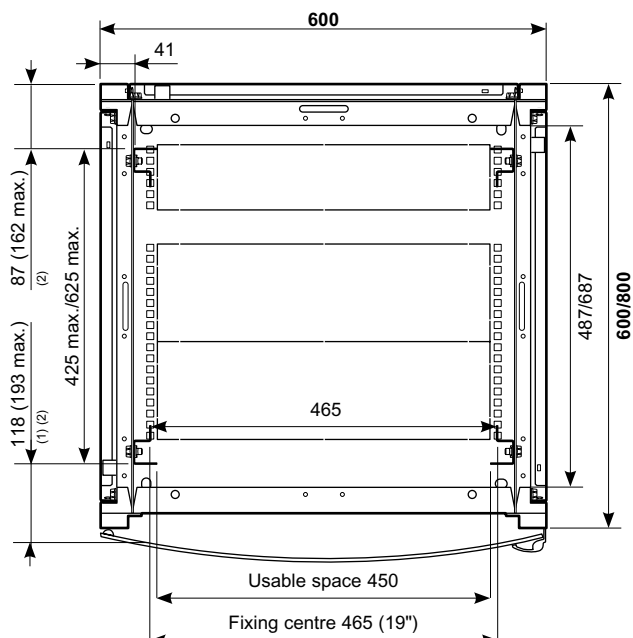
A-A CROSS-SECTION VIEW[3] (with door)

[1] Dimension below door at 19" uprights
[2] Continuous adjustment with markings at 12.5 mm intervals
[3] See front view on page 6
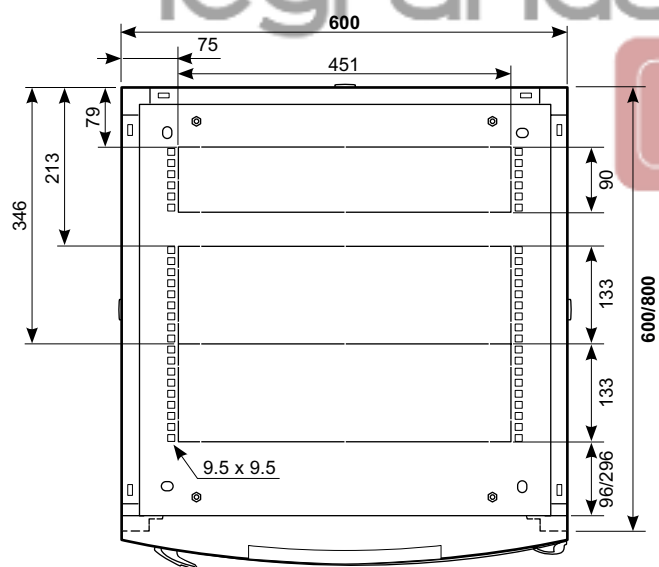
VIEW FROM ABOVE
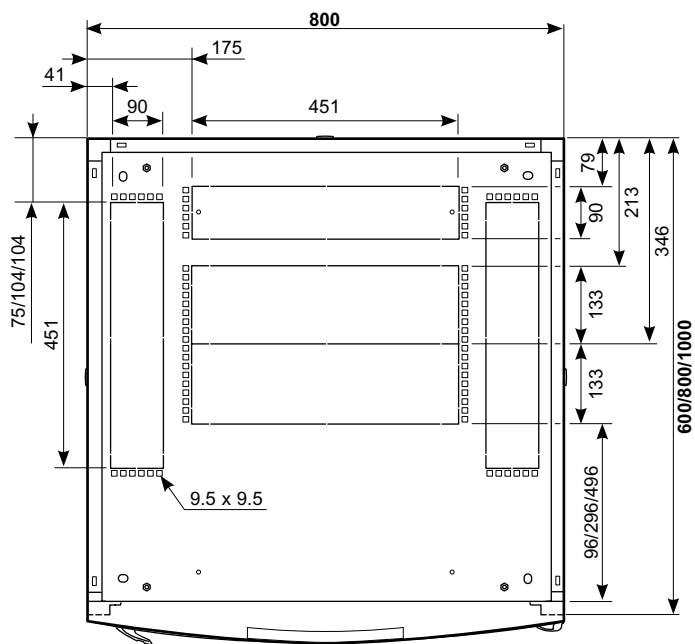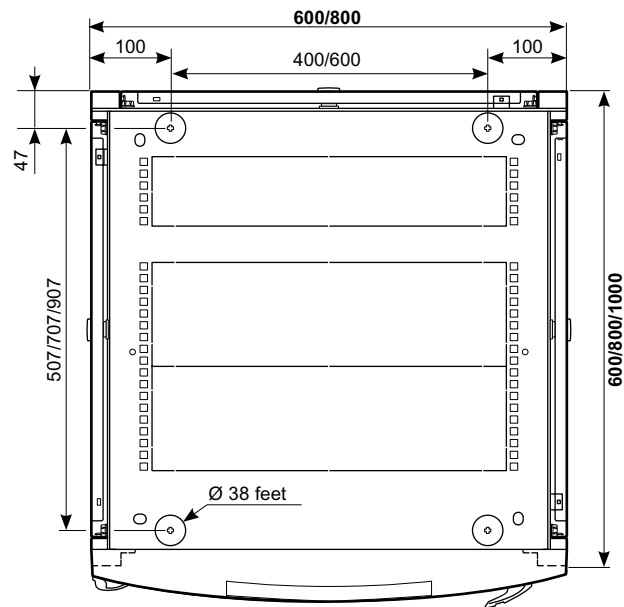
Note: The dimensions of the upper and lower end plates are identical.

4. DIMENSIONS *(continued)*

4.2 Usable dimensions *(continued)*

4.2.2 800 mm wide freestanding cabinets

800 mm wide cabinets are available in 2 heights:
42U and 47U
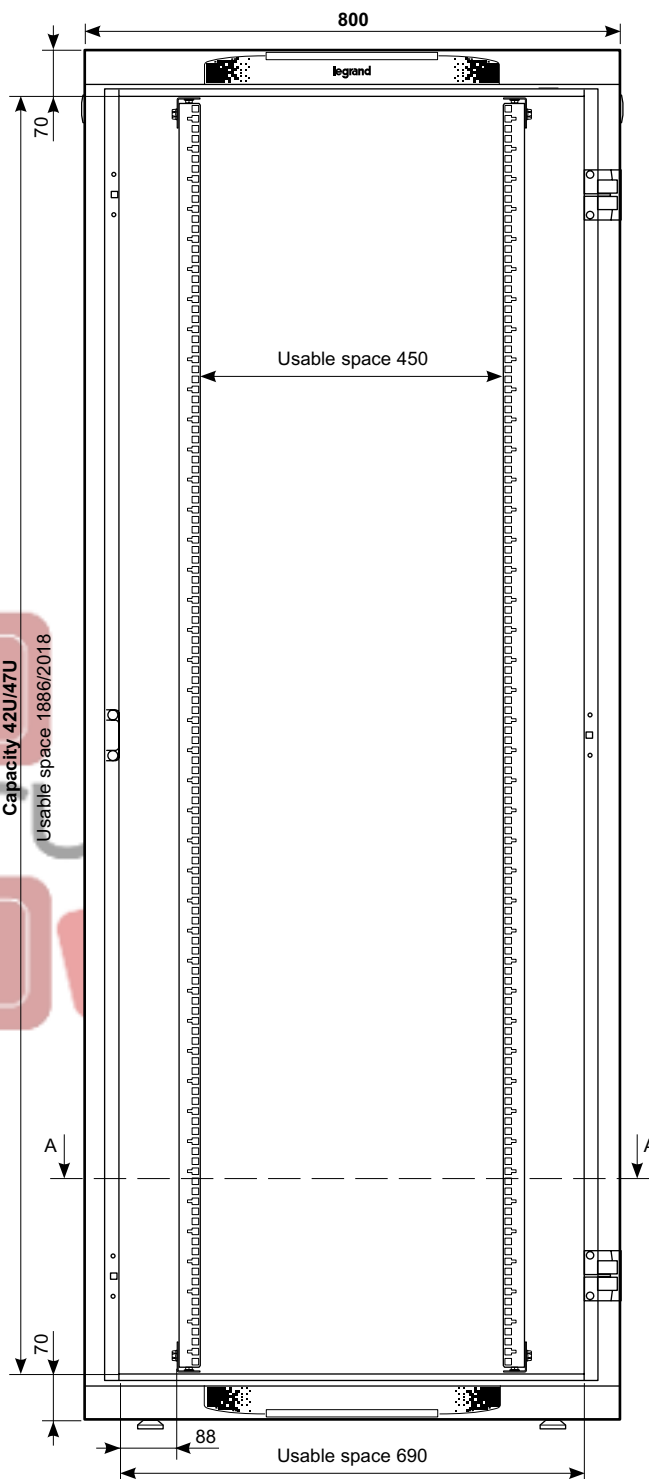
FRONT VIEW (without door)

4. DIMENSIONS *(continued)*

4.2 Usable dimensions *(continued)*

4.2.2 800 mm wide freestanding cabinets *(continued)*

800 mm wide cabinets are available in 3 depths: 600, 800 and 1000 mm

Model shown: 800 x 800 mm single door cabinet

657/857/1057

600/800/1000

115

Continuous adjustment of the four 19" uprights with markings at 12.5 mm intervals (6 x 12.5 mm)

425 max./625 max./825 max.

Capacity 42U/47U

Usable space 1796/2018

Fixing centre 1838/2060

Fixing centre 391 max./591 max./791 max.

Fixing centre 337 max./537 max./737 max.

115

Oblongs 7 x 50

Usable space 490/690/890

SIDE VIEW

4. DIMENSIONS *(continued)*

4.2 Usable dimensions *(continued)*

4.2.2 800 mm wide freestanding cabinets *(continued)*

Model shown: 800 x 800 mm single door cabinet

800

141

Usable space 97

87 (162 max.) (2)

425 max./625 max./825 max.

122 (197 max.) (1) (2)

487/687/887

600/800/1000

B

Fixing centre 465 (19")

9.5 x 9.5

465

Usable space 450

Fixing centre 465 (19")

A-A CROSS-SECTION VIEW (3) (with door)

(1) Dimension below door at 19" uprights
(2) Continuous adjustment with markings at 12.5 mm intervals
(3) See front view page 7

Usable space 67

Fixing centre 465 (19")

Usable space 97

141

800

B-B CROSS-SECTION
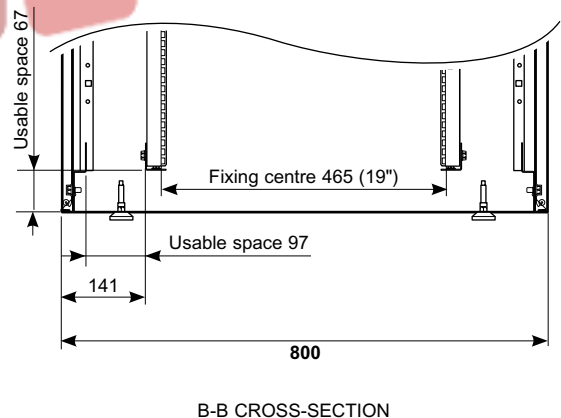
800 mm wide 19" LCS² cabinets enable 19" equipment to be fixed horizontally in the upper and lower parts.

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4. DIMENSIONS *(continued)*

4.2 Usable dimensions *(continued)*

4.2.2 800 mm wide freestanding cabinets *(continued)*

VIEW FROM ABOVE

Note: The dimensions of the upper and lower end plates are identical.

4.2.3 19" uprights

4. DIMENSIONS *(continued)*

4.3 Positioning of supports on the floor
The cabinets are equipped with 4 levelling feet.
Accessories can be used to modify the link with the floor
(see sections 10.1 to 10.3).

VIEW FROM BELOW
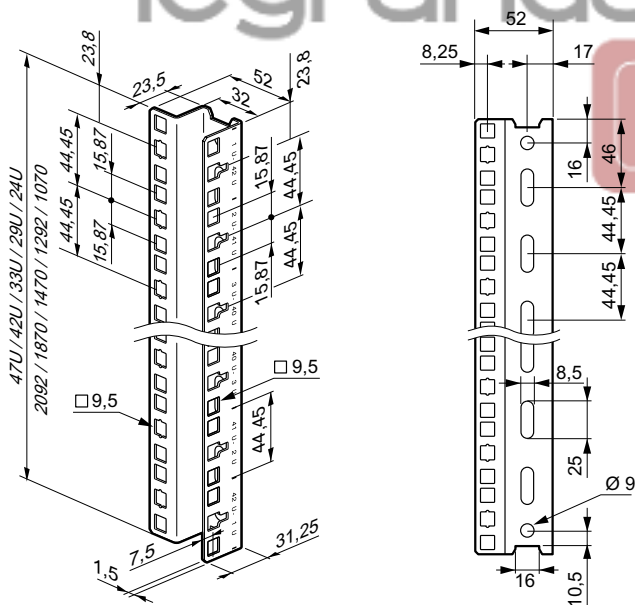
5. BAYING

5.1 Direct baying

19" LCS² freestanding cabinets can be joined laterally together using a baying kit:

Cat. No.	For cabinets depth (mm)
0 463 37	600
0 463 38	800
0 463 39	1000

Note: The LCS² range includes extension cabinets (single door) for the 42U x 600 x 600 and 42U x 800 x 800 sizes. These special cabinets are supplied with the baying kit and without side panels.

A baying kit comprises:
- 2 galvanised steel lugs
- 2 steel crosspieces + paint finish (same as cabinets)
- Fixing screws
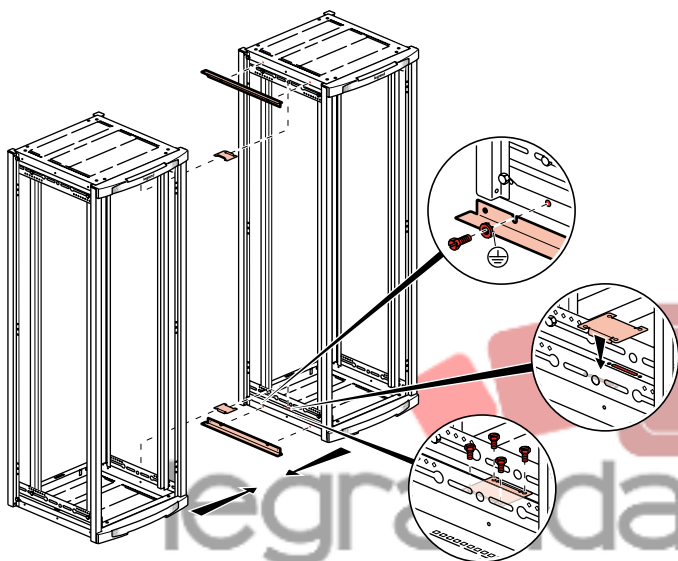
The crosspieces provide protection against dust and maintain the IP20 protection of the cabinets.
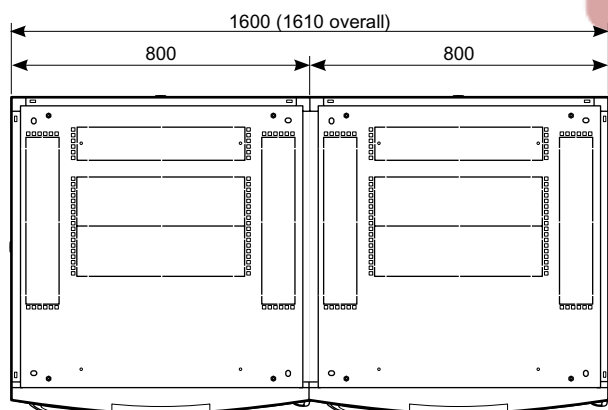
VIEW OF A COMBINATION FROM ABOVE

5. BAYING *(continued)*

5.2 Baying via cabling unit

5.2.1 Presentation

The LCS² cabling unit is used to join laterally two 42U 19" LCS² freestanding cabinets together, and provides easier management of cables and patch cords.

> Joined to 2 x 600 mm wide cabinets, the cabling unit is an alternative solution to an assembly of 2 x 800 mm wide cabinets and has smaller dimensions.

The cabling unit is available in 2 depths:

Cat. No.	For 42U cabinets depth (mm)
0 463 34	600
0 463 35	800

Note: The LCS² range includes extension cabinets (single door) for the 42U x 600 x 600 and 42U x 800 x 800 sizes. These special cabinets are supplied without side panels.

A cabling unit principally comprises:
- 2 identical end plates
- 2 identical doors
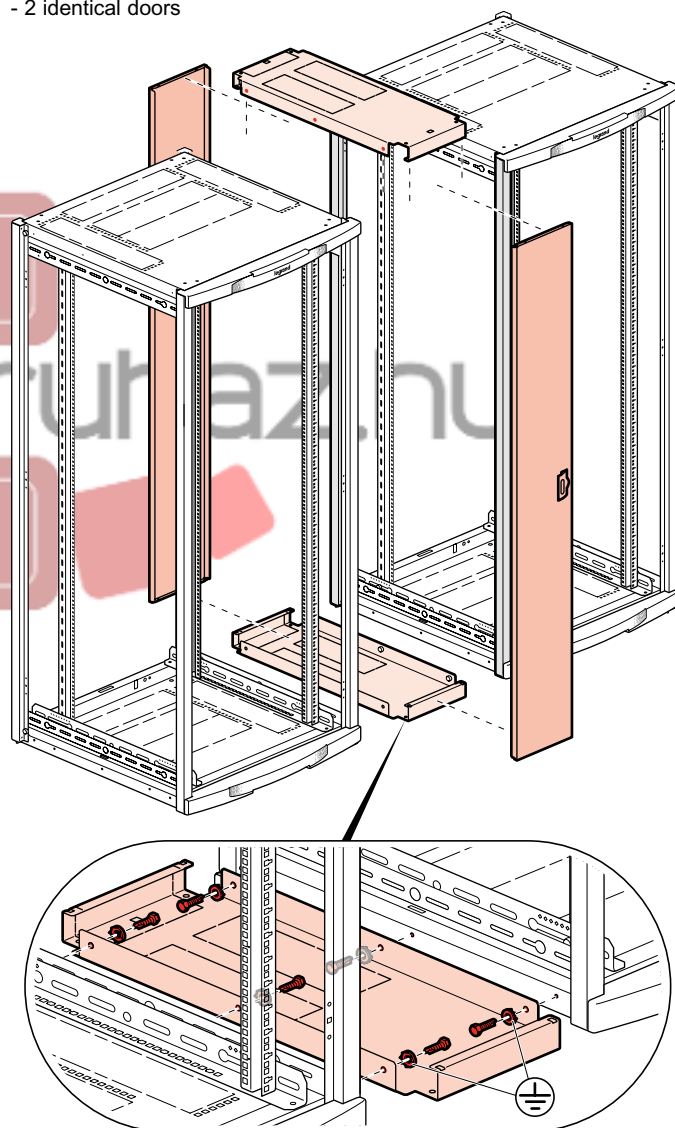
> ⚠ The cabling unit can only be installed between 2 cabinets. It cannot be mounted at the end.

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5. BAYING *(continued)*

5.2 Baying via cabling unit *(continued)*

5.2.1 Presentation *(continued)*

Each door is reversible and easy to remove.

The end plates have cut-outs for cable entries.

The installation of a side cable tray optimises cable management (see section 7.2).
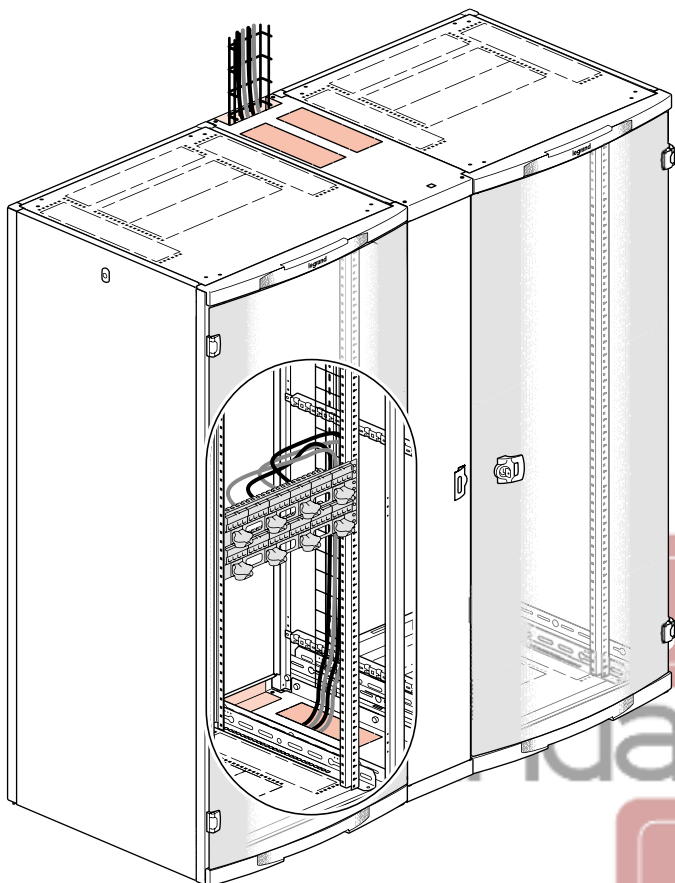
The cabling units are the same colour as 19" LCS² cabinets, enabling attractive assemblies to be created.
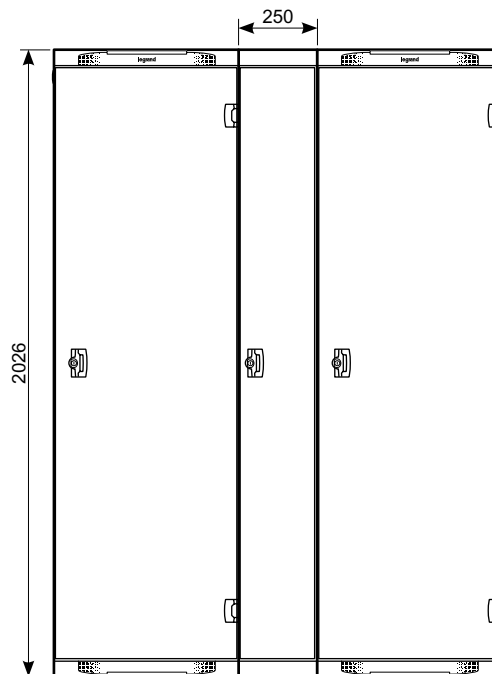
5.2.2 Features

- IK08
- IP20 maintained when joined
- Doors with handle equipped with a 2433A key lock (same as single door cabinets)
- End plates 1.5 mm thick galvanised steel + paint finish (same as cabinets)
- Doors 1.2 mm thick sheet steel + paint finish (same as cabinets)
- Supplied with earthing kit and complete set of screws
- Feet zinc-plated steel with black polypropylene fixed base

5. BAYING *(continued)*

5.2 Baying via cabling unit *(continued)*

5.2.2 Features *(continued)*

Combination shown with two 600 x 600 mm cabinets.

FRONT VIEW
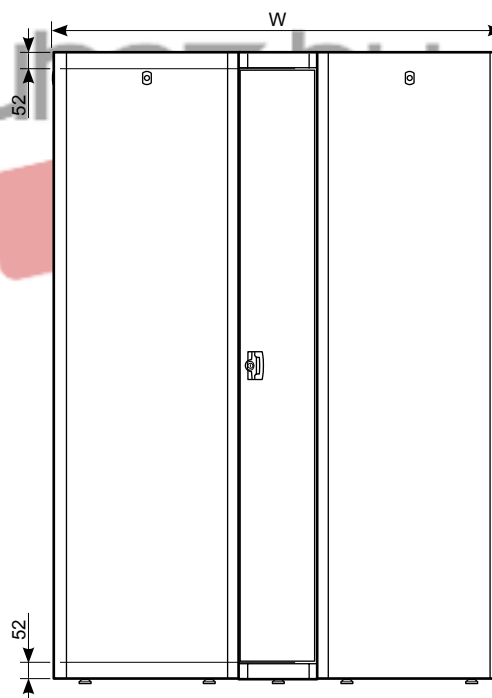
REAR VIEW

Type of baying	W	Overall W
With 2 cab. width 600	1450	1460
With 1 cab. width 600 & 1 cab. width 800	1650	1660
With 2 cab. width 800	1850	1860

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5. BAYING *(continued)*

5.2 Baying via cabling unit *(continued)*

5.2.2 Features *(continued)*
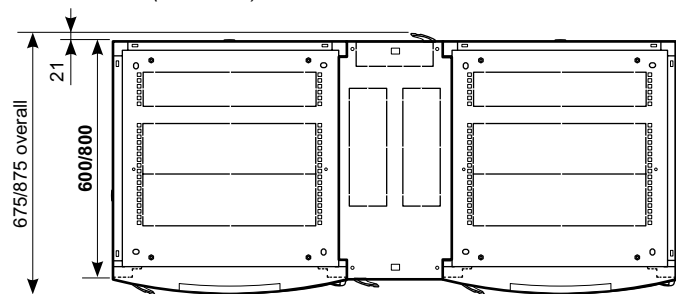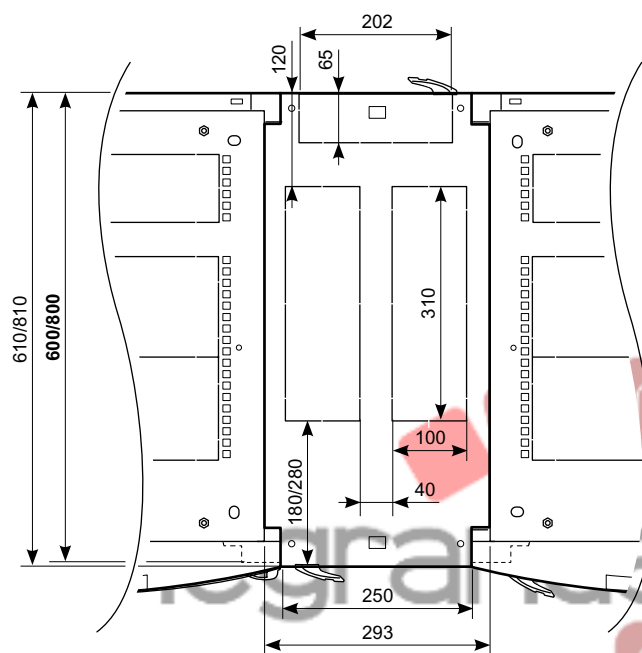
VIEW FROM ABOVE

DETAILED VIEW FROM ABOVE
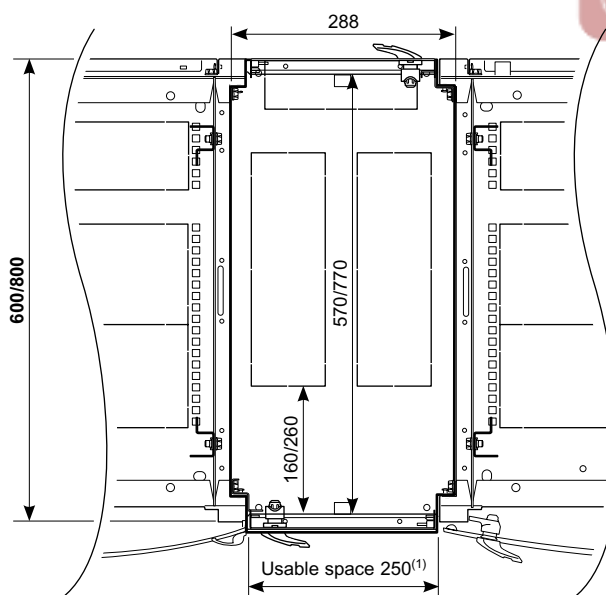
(1) Usable height: 1922 mm

INTERNAL CROSS-SECTION VIEW

6. PLINTHS
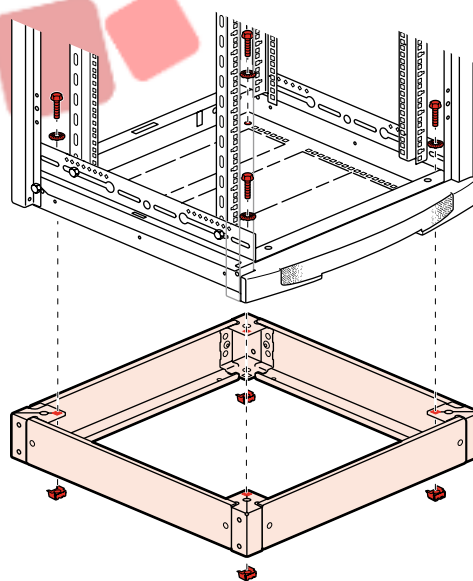
6.1 Freestanding cabinet plinths

6.1.1 Presentation

19" LCS² cabinets can be equipped with a 100 or 200 mm high metal plinth.
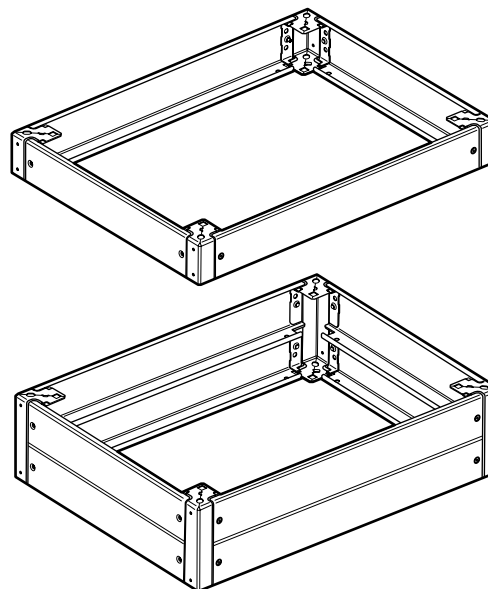
LCS² plinths comprise 4 one-piece corner blocks and 4 traps, height 100 mm, providing total accessibility on all 4 sides.

The plinths are the same colour as the cabinets so that they match perfectly (charcoal grey RAL 7016).

A plinth is fixed directly to the end plate of the cabinet:

Note: It is also possible to place 2 x 100 mm high plinths one on top of the other.

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6. PLINTHS *(continued)*

6.1 Freestanding cabinet plinths *(continued)*

6.1.1 Presentation *(continued)*

The following is required to create a plinth:
- The correct plinth kit for the width of the cabinet (corner blocks + solid front and rear traps)
- The correct set of 2 solid side traps for the depth of the cabinet (2 sets for a 200 mm high plinth)
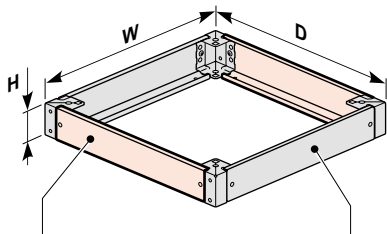
Set of 2 solid side traps (mm)			Plinth kit (mm)		
H = 100	D = 600	Cat. No. 0 464 54	H = 100	W = 600	Cat. No. 0 464 50
	D = 800	Cat. No. 0 464 56		W = 800	Cat. No. 0 464 51
	D = 1000	Cat. No. 0 464 58			
H = 200	D = 600	2 x Cat. No. 0 464 54	H = 200	W = 600	Cat. No. 0 464 52
	D = 800	2 x Cat. No. 0 464 56		W = 800	Cat. No. 0 464 53
	D = 1000	2 x Cat. No. 0 464 58			

The solid traps can be replaced by:
- Either a ventilated trap for natural ventilation
- Or a trap with brushes for cable entry on one side of the plinth

These special traps, also 100 mm high, are supplied singly.
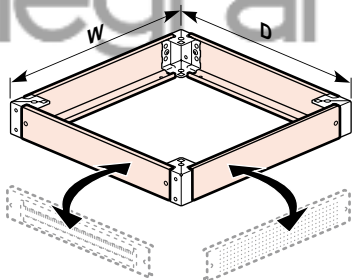
	Ventilated trap	Trap with brushes
W/D = 600	Cat. No. 0 464 60	Cat. No. 0 464 62
W/D = 800	Cat. No. 0 464 61	Cat. No. 0 464 63

6. PLINTHS *(continued)*

6.1 Freestanding cabinet plinths *(continued)*

6.1.1 Presentation *(continued)*

If cabinets are joined together directly, their plinths can be joined together mechanically (screws not supplied).
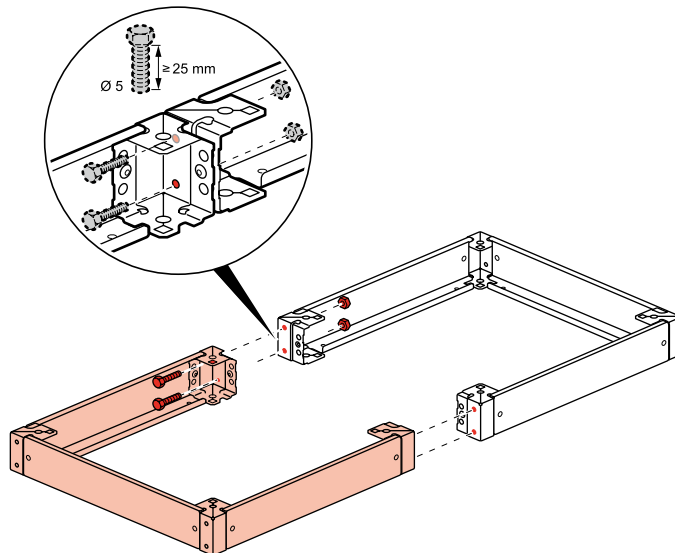
The plinths can be equipped with cross bars. Fixed between 2 corner blocks, they can be used for clamping cables and, in a 200 mm high plinth, for fixing a U-shaped cable tray.

0 476 93/94/95
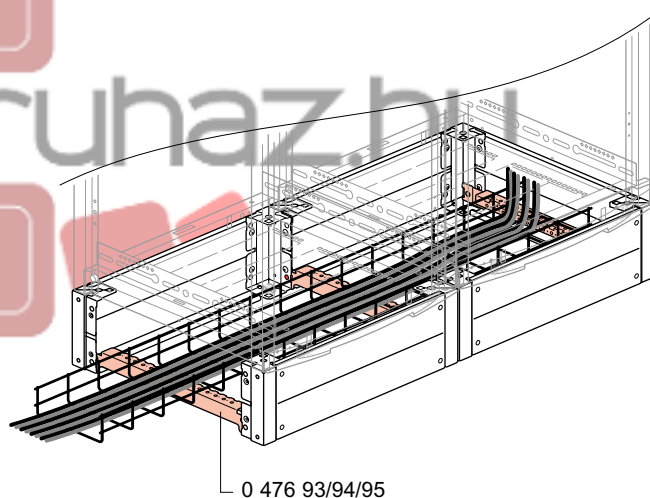
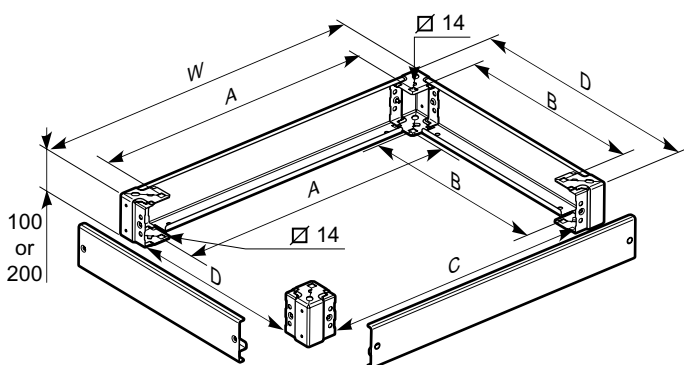| Cross bars		U-shaped cable trays	
Cat. No.	For depth (mm)	Cat. No.	Internal width x height (mm)
0 476 93	600	0 464 69	200 x 54
0 476 94	800	0 464 70	400 x 54
0 476 95	1000		

6. PLINTHS *(continued)*

6.1 Freestanding cabinet plinths *(continued)*

6.1.2 Features

6.1.2.1 Cabinet plinths (plinth kit + side traps)

- Plinth fixed using M12 screws
- Traps fixed using black zinc-plated M6 screws
- Corner blocks 2 mm thick steel + paint finish (same as cabinets)
- Traps 1.5 mm thick steel + paint finish (same as cabinets) with double fold reinforcement on floor side
- Supplied with complete set of screws for the equipotential link with the cabinet
- Can be fixed to the floor (screws not supplied)

Dimensions (mm)						
	Overall		Fixings		Usable area	
W x D	W	D	A	B	C	D
600 x 600	599	599	478	478	449	449
600 x 800	599	799	478	678	449	649
800 x 600	799	599	678	478	649	449
800 x 800	799	799	678	678	649	649
800 x 1000	799	999	678	878	649	849

6.1.2.2 Ventilated traps/with brushes

- Height 100 mm
- Steel thick 1.5 mm + paint finish (same as cabinets) with double fold reinforcement on floor side
- Supplied with black zinc-plated M6 fixing screws

The ventilated traps have Ø 5 mm perforations:
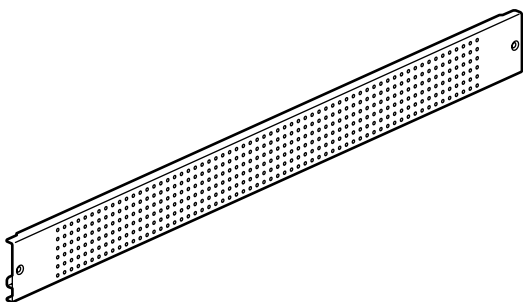
The traps with brushes are supplied with a black stiff brush and a black flexible brush (polyamide fibres).

The usable feedthrough area of the cable entry with brushes is:
- 424 x 45 mm for width/depth 600 mm
- 624 x 45 mm for width/depth 800 mm

6. PLINTHS *(continued)*

6.1 Freestanding cabinet plinths *(continued)*

6.1.2 Features *(continued)*

6.1.2.3 Cross bars

- 2 mm thick galvanised steel
- Supplied singly with fixing screws
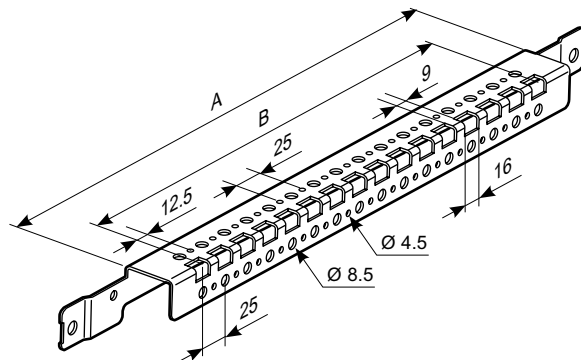
Cat. No.	A	B
0 476 93	444	375
0 476 94	644	575
0 476 95	844	775

6.1.2.4 U-shaped cable trays

- Length 3 m
- Frame 100 x 50 mm
- Zinc-plated steel
- Supplied with screws for fixing on the cross bars

| Cat. No.	Overall dimensions (mm)	Wire diameter (mm)
0 464 69	218 x 64	4.4
0 464 70	424 x 64	3.9 and 5.9

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6. PLINTHS *(continued)*

6.2 Plinth for cabling unit

When joining 19" LCS² freestanding cabinets via a cabling unit, Cat. No. 0 464 64 is used to link the plinths of the joined cabinets (at the front and/or rear).

Cat. No. 0 464 64 comprises a 100 mm high trap.
For a height of 200 mm, the number of traps must be doubled.

100 — Cat. No. 0 464 64

200 — Cat. No. 0 464 64 x 2
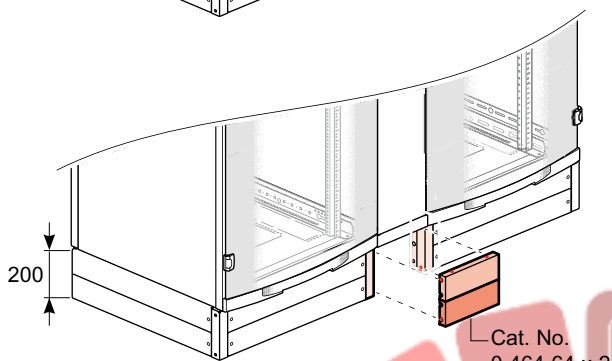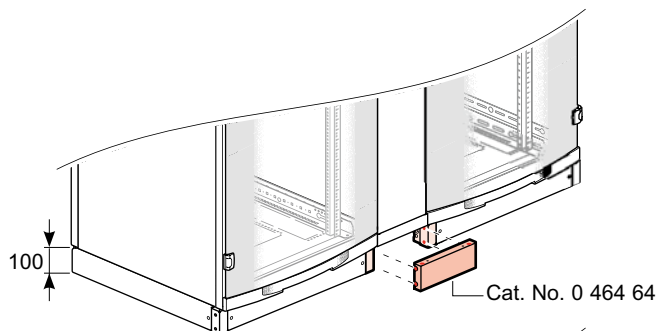
The trap is made of 1.5 mm thick steel with paint finish (same as cabinets) and supplied with its fixing screws.

6.3 Linking interface

6.3.1 Presentation

The linking interface Cat. No. 0 464 66 provides protection and a finish for the link between freestanding cabinets and cable ducts. It is positioned to the right or left of a 600 mm deep cabinet equipped with a 200 mm high plinth.

It is mechanically joined to the cabinet plinth.

The interface comprises:
- 3 corner blocks
- A front panel trap
- A cover

Its reversible cover with cut-outs allows for different cable entry configurations.
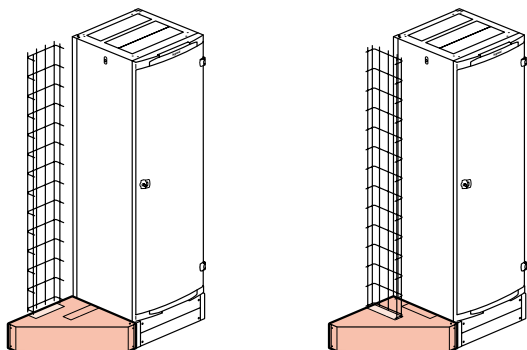
6. PLINTHS *(continued)*

6.3 Linking interface *(continued)*

6.3.1 Presentation *(continued)*

The linking interface helps to maintain the bending radius of the cables:
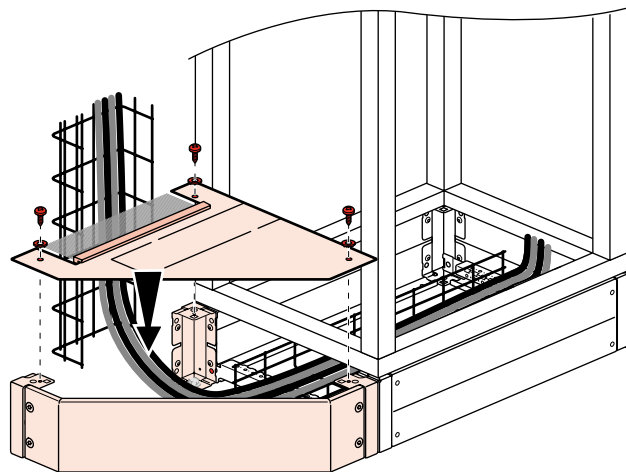
U-shaped cable tray, see section 6.1.

6.3.2 Features

- Corner blocks and cover 2 mm thick steel + paint finish (same as cabinets)
- Trap 1.5 mm thick steel + paint finish (same as cabinets)
- Supplied with black cable entry brushes (polyamide fibres) and complete set of screws (apart from those for fixing to the floor)

600   75   120 [1]   600
435   120 [1]   160
435   200
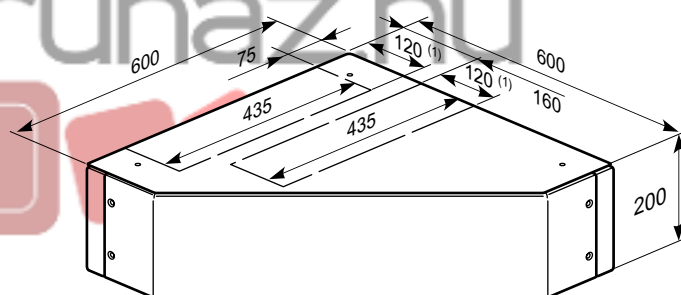
[1] Usable feedthrough area with brush: 110 x 435 mm

Fixing to the floor

⌀ 14   478   478
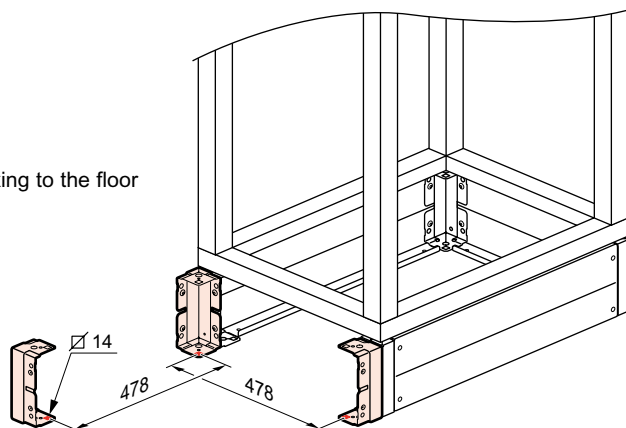
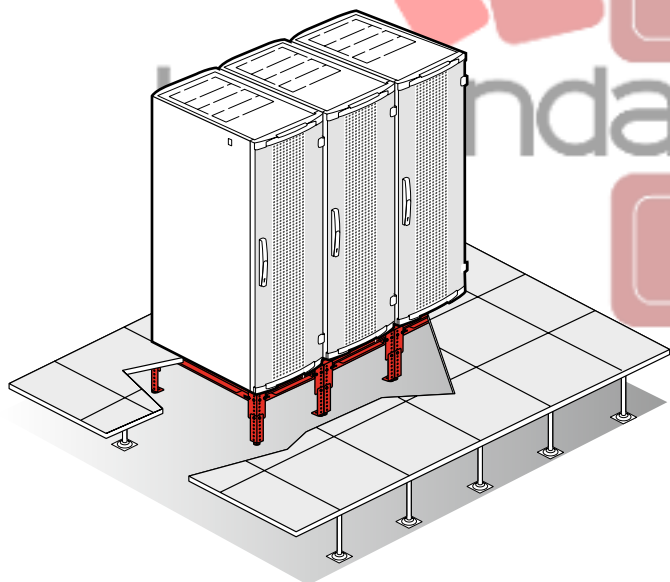## 6. PLINTHS *(continued)*

6.4 Adjustable height plinths

6.4.1 Presentation

Adjustable height plinths are used in rooms equipped with a raised floor composed of tiles. The plinth transfers the load of the cabinet directly to the ground.

Adjustable height plinth	
Cat. No.	For cabinet width / depth (mm)
0 464 30	600 x 600
0 464 31	600 x 800
0 464 32	600 x 1000
0 464 34	800 x 600
0 464 35	800 x 800
0 464 36	800 x 1000

Each plinth is supplied with front and rear floor tile support brackets. Side tile support brackets must be order separately for the end of the cabinets:

Set of 2 side tile support brackets	
Cat. No.	For plinth depth (mm)
0 464 38	600
0 464 39	800
0 464 40	1000

6. PLINTHS *(continued)*

6.4 Adjustable height plinths *(continued)*

6.4.2 Features

- For floor tiles 30 or 38 mm thick
- Height adjustable from 200 to 350 mm in 25 mm steps + fine adjustement by levelling feet
- Permissible load: 1 000 kg
- Direct fixing to the end plate of the cabinet by M12 screws
- Can be fixed to the floor (screws not supplied)
- Plinth 2 mm thick galvanised steel
- Tile support brackets 1.5 mm thick galvanised steel
- Levelling feet zinc-plated steel with block polypropylene fixed base
- Supplied with complete set of screws for the equipotential link with the cabinet
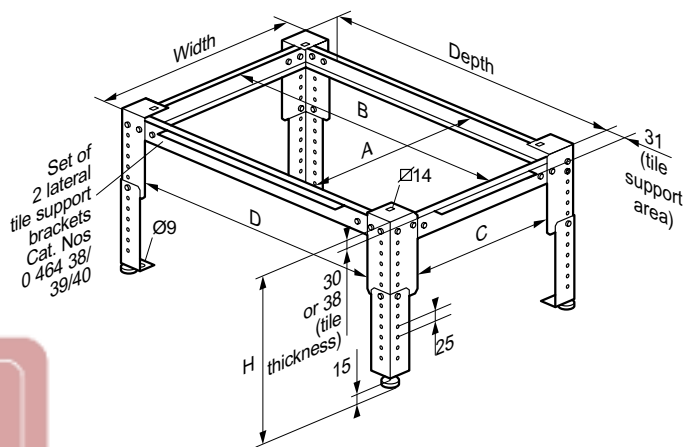
| Cat. No.	Width x Depth	H[1]		Usable area				Distance (width x depth)	
		Min.	Max.	A	B	C	D	With cabinet	To the ground
0 464 30	600 x 600				530		435	478 x 478	520 x 520
0 464 31	600 x 800			530	730	435	635	478 x 678	520 x 720
0 464 32	600 x 1000				930		835	478 x 878	520 x 920
0 464 34	800 x 600	200	350		530		435	678 x 478	720 x 520
0 464 35	800 x 800			730	730	635	635	678 x 678	720 x 720
0 464 36	800 x 1000				930		835	678 x 878	720 x 920

[1] Ajustable in 25 mm steps + fine adjustement

7. CABLE MANAGEMENT
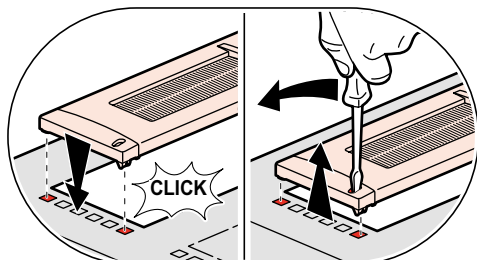
7.1 Cable entry plates

7.1.1 Presentation

19" LCS² freestanding cabinets have pre-cut 19" format top and bottom cable entries.
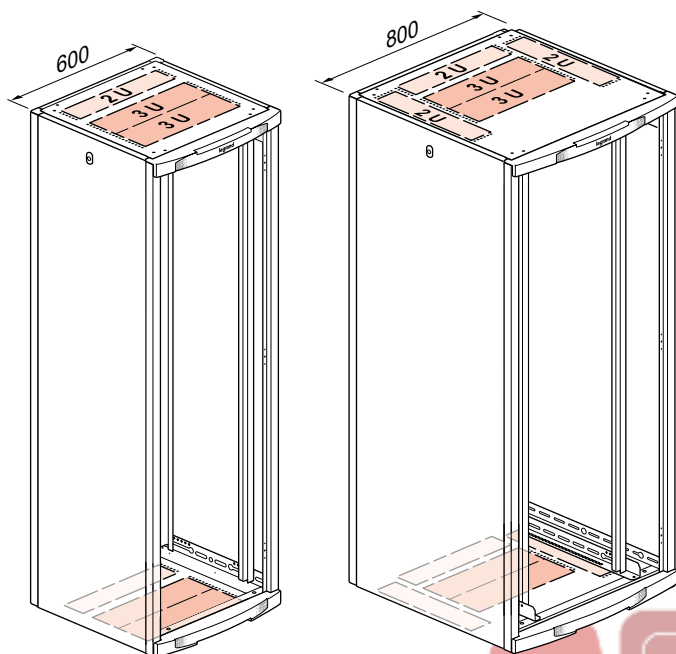
After cutting out the cable entries, they can be equipped with feedthroughs with brushes using the following 19" equipment:

Cat. No.	Plate with brushes
0 465 28	Plastic 1U
0 465 29	Plastic 2U
0 465 30	Metal 1U
0 465 31	Metal 2U

The plastic plates Cat. Nos. 0 465 28/29 clip directly onto the cable entries. They require a flat screwdriver for removal.

7. CABLE MANAGEMENT *(continued)*

7.1 Cable entry plates *(continued)*

7.1.1 Presentation *(continued)*

The metal plates are equipped with 2 quick fixings that do not require any screws or tools.

⚠️ At the top of LCS² cabinets, the metal plates must be fixed using screws and cage nuts with pins in order to provide the equipotential link between the plate and the painted end plate of the cabinet.

Cat. No. 0 364 54
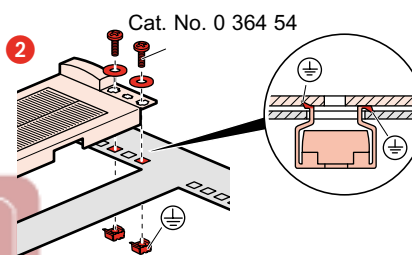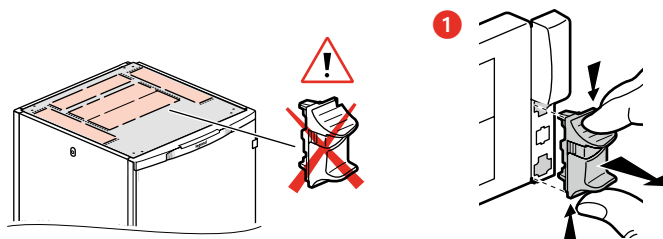
The 3U cable entries also enable the installation of plates with fans Cat. Nos. 0 464 87/88 for thermal management of the cabinet (see section 9.1).

7.1.2 Features

7.1.2.1 Plastic plates

ABS plates equipped with a flexible brush (2 brushes for 2U height). Black RAL 9005
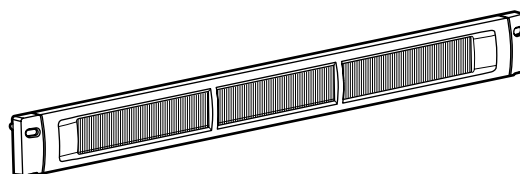
1U plate Cat. No. 0 465 28 (above):
- 2 feedthroughs 125 x 25 mm
- 1 central feedthrough 113 x 25 mm

2U plate Cat. No. 0 465 29:
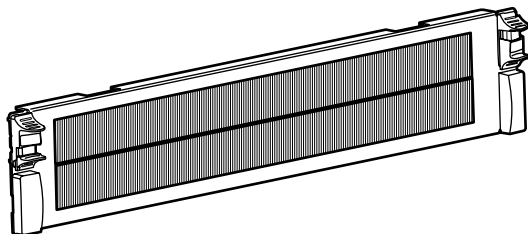- 2 feedthroughs 125 x 45 mm
- 1 central feedthrough 113 x 45 mm

7. CABLE MANAGEMENT (continued)

7.1 Cable entry plates (continued)

7.1.2 Features (continued)

7.1.2.2 Metal plates

Plates 1.5 mm thick steel equipped with a flexible brush
(2 brushes for 2U height).
Black RAL 9005.

1U plate Cat. No. 0 465 30:
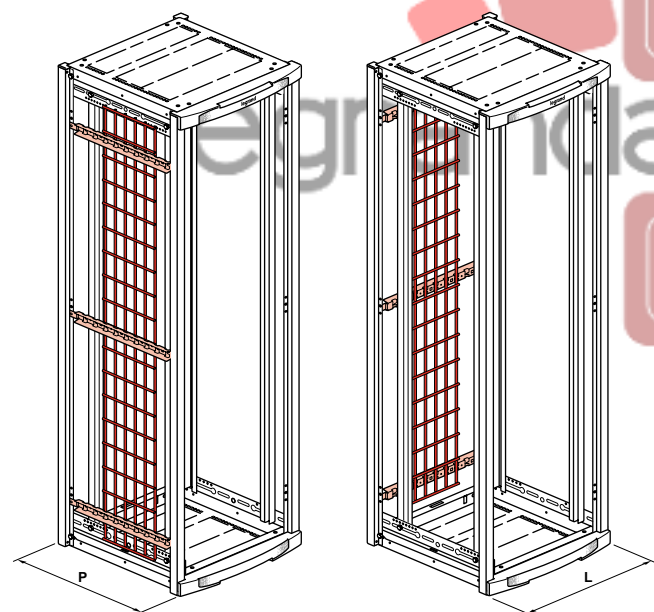- 1 feedthrough 400 x 23 mm

2U plate Cat. No. 0 465 31 (above):
- 1 feedthrough 400 x 66 mm

7.2 Cable trays

7.2.1 Presentation

With the cable management supports, a side and/or rear cable tray
can be installed in 19" LCS² freestanding cabinets.

The advantage of the flat cable tray over the U-shaped tray is that the
cables flow more easily (no edges).

| Cat. No.	Set of 3 supports
0 464 72	For cabinet width/depth 600 mm
0 464 73	For cabinet width/depth 800 mm
0 464 74	For cabinet depth 1000 mm

Cat. No.	Flat cable trays
0 464 76	For 33U cabinet
0 464 77	For 42U cabinet

7. CABLE MANAGEMENT (continued)

7.2 Cable trays (continued)

7.2.1 Presentation (continued)

The supports are fixed onto the structural uprights of the cabinet, and
the tray is mounted without screws:
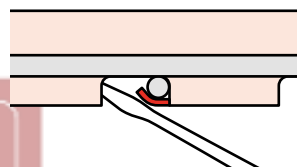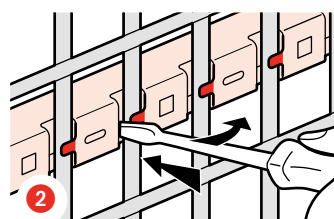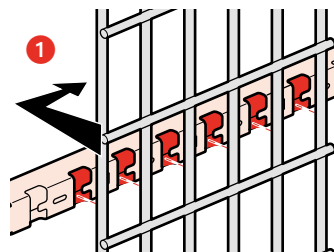
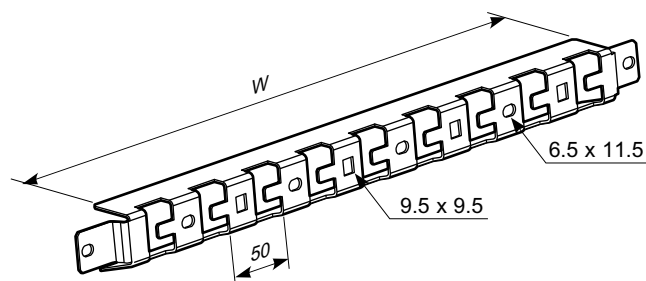42U 19" LCS² cabinets can also be joined via a cabling unit,
providing a solution for easy management of cables and cords (see
section 5.2).

7.2.2 Features

7.2.2.1 Cable management supports

- Supplied in sets of 3
- For fixing using self-tapping screws
- Max. diameter of grid wire: 6 mm
- 1.5 mm thick galvanised steel

Cat. No.	W (mm)	No. of tray fixing points	Fixing centre
0 464 72	450	9	510
0 464 73	650	13	710
0 464 74	850	17	910

7. CABLE MANAGEMENT *(continued)*

7.2 Cable trays *(continued)*

7.2.2 Features *(continued)*

7.2.2.2 Flat cable trays

- Frame: 100 x 50 mm
- Zinc-plated steel

Cat. No.	Overall dimensions (mm)	Wire diameter (mm)
0 464 76	1405 x 255	4.4
0 464 77	1805 x 255	4.4

7.3 Vertical cable management grid

7.3.1 Presentation

800 mm wide 42U 19" LCS² freestanding cabinets can take the vertical cable management grid Cat. No. 0 331 35, fixed onto the outside of the 19" uprights.

The guide has articulated latches. As the latches are clipped on, their direction of opening can be reversed.
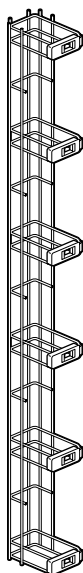
42U 19" LCS² cabinets can also be joined via a cabling unit, providing a solution for easy management of cables and cords (see section 5.2).

7.3.2 Features
- Supplied singly
- Overall dimensions: H 1562 x W 100 X D 155 mm
- Wire diameter: 5 mm
- Steel wire + paint, ABS-PC latches
- Supplied with screws
- Black RAL 9005

7. CABLE MANAGEMENT *(continued)*
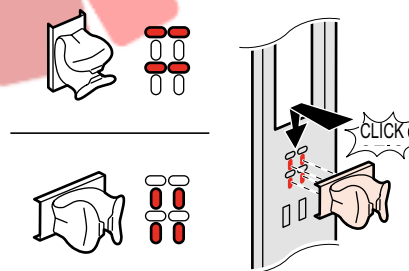
7.4 Vertical cable manager

7.4.1 Presentation

800 mm wide 42U 19" LCS² 42U freestanding cabinets can be fitted with the set of 2 vertical cable manager panels Cat. No. 0 464 80.

The panels are mounted on the outside of the 19" uprights. The wiring is organised using feedthroughs with brushes, cable management rings and slots for cable ties.
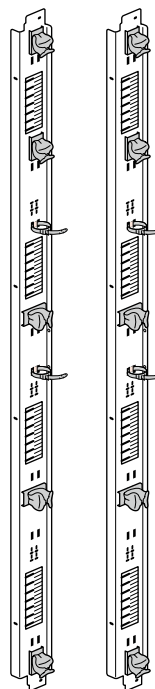
The management rings are plastic and radiate out to provide optimum protection for cords (maintain the bending radius). Each ring clips on horizontally or vertically:

42U 19" LCS² cabinets can also be joined via a cabling unit, providing a solution for easy management of cables and cords (see section 5.2).

7. CABLE MANAGEMENT *(continued)*

7.4 Vertical cable manager *(continued)*

7.4.2 Features

- Set of 2 panels
- For fixing on 19" uprights and framework
- Ability to adjust the depth of the 19" uprights retained
- Feedthroughs: 174 x 50 mm usable
- Supplied with 8 flexible brushes and 8 stiff brushes (black polyamide fibres)
- Supplied with 10 cable management rings, usable cross-section 4070 mm² (Cat. No. 0 465 42)
- Supplied with 9 cable ties with tightening indicator:
  3 x Cat. No. 0 331 94,
  3 x Cat. No. 0 331 95 and 3 x Cat. No. 0 331 96
- Supplied with screws
- Overall panel dimensions: 1878 x 108 mm
- Panels 1.5 mm thick steel
- Polyamide rings
- Black RAL 9005

7.5 Cable ties

7.5.1 Cable ties with tightening indicator

Cable ties with tightening indicator are wide ties with a smooth inner surface for optimum protection of cables. They incorporate a warning system to prevent over-tightening: fusible crescent-shaped pins snap one after the other and act as visual and audible indicators.
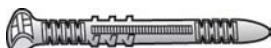
Hooks hold the excess strap in place.

The ties are released by pinching the head of the tie and can be re-used.

Cat. No.	Width (mm)	Length (mm)	Tightening Ø (mm)	
			Max.	Min.
0 331 94	15	180	35	15
0 331 95	15	225	50	35
0 331 96	15	320	80	50

- Tensile strength: > 100 N
- Fire resistance: UL 94 HB
- Black high impact PBT

7.5.2 Self-locking cable ties

Self-locking cable ties are repositionable textile ties that do not damage cables.
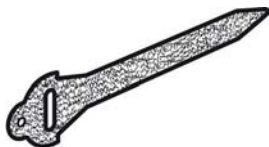
Cat. No.	Colour	Width (mm)	Length (mm)	Max. tightening Ø (mm)
0 331 84	Black	16	150	35
0 331 85	Red	16	150	35
0 331 86	Green	16	150	35
0 331 87	Black	16	300	80
0 331 88	Red	16	300	80
0 331 89	Green	16	300	80

- Tensile strength: > 220 N
- Fire resistance: UL 94 V2
- Double-sided textile with "loops" on one side and "hooks" on the other

8. VERTICAL EXTENSION

The set of 2 vertical extension uprights Cat. No. 0 464 81 increases the capacity of 42U 800 mm wide 19" LCS² freestanding cabinets by 12 U, giving a total capacity of 54U.
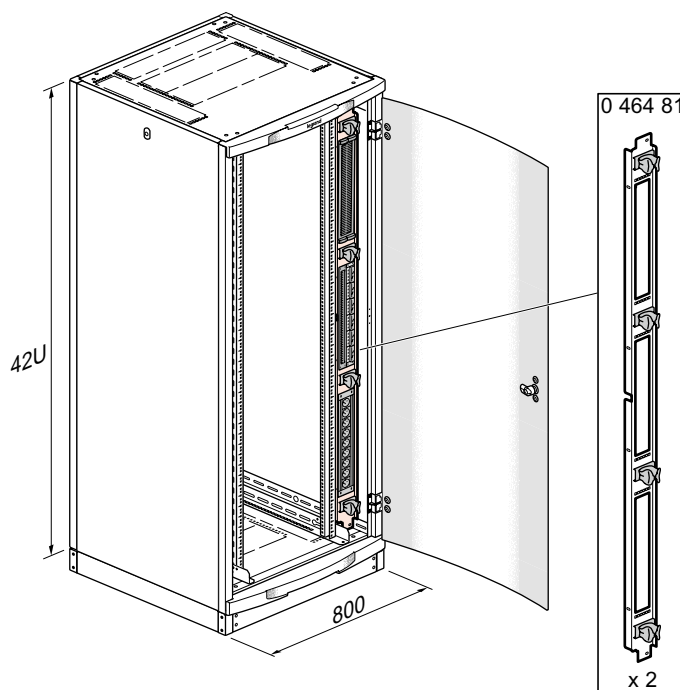
The extension, mounted on either side of 19" uprights, has 6 x 2U positions for mounting 19" equipment vertically (panels, 19" PDUs, etc.).

The cable management rings are plastic and radiate out to provide optimum protection for cords (maintain the bending radius). Each ring clips on horizontally or vertically:
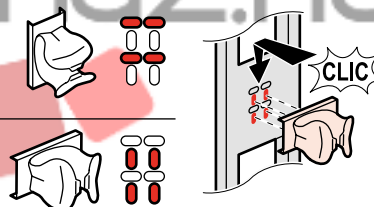
Features
- Set of 2 uprights
- For fixing on 19" uprights and framework (top, bottom and central)
- Ability to adjust the depth of the 19" uprights retained
- Positions for 19" equipment: usable area 450 x 90 mm, perforations 9.5 x 9.5 mm
- Supplied with 8 cable management rings, usable cross-section 4070 mm² (Cat. No. 0 465 42)
- Supplied with screws
- Overall dimensions of upright: 1878 x 108 mm
- Uprights 1.5 mm thick steel
- Polyamide rings
- Black RAL 9005

Technical data sheet: F01424EN/01   Updated on: 24/10/2014   Created on: 21/02/2012   ⌐¬ legrand

9. THERMAL MANAGEMENT

9.1 Plates with fans

19" LCS² freestanding cabinets can take plates with fans at the 3U cable entries. Installed in the top of the cabinet, the plates provide a high extraction rate.
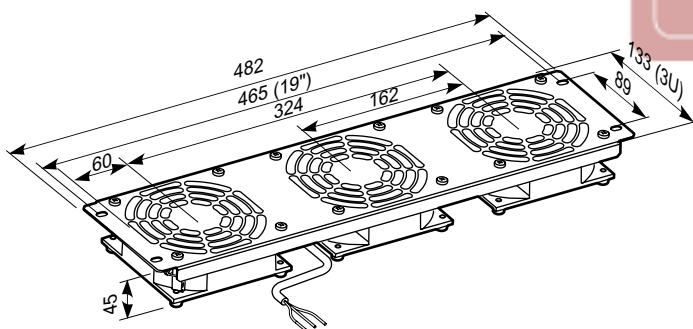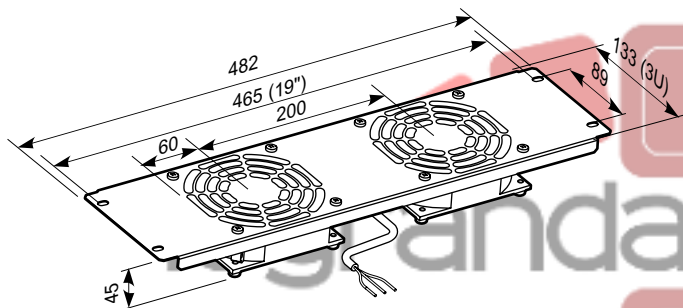
Cat. No.	No. of fans	Output (m³/h)
0 464 87	2	180
0 464 88	3	270

Features

- IP XXB - IK08
- 230 V~ - 50/60 Hz power supply

Cat. No.	Current (A)	Power (W)
0 464 87	0.25	36
0 464 88	0.37	54

- Equipped with 3 x 0.75 mm² flexible power supply cable, length 2.5 m
- Fixed using M6 screws and cage nuts with pins (supplied)
- Plate steel + paint finish (same as cabinets)
- Charcoal grey RAL 7016

9. THERMAL MANAGEMENT *(continued)*

9.2 1U ventilation drawers

The ventilation drawers are 19" equipment which provide circulation of the internal air. They provide targeted heat removal and ensure uniformity of the temperature in the cabinet.

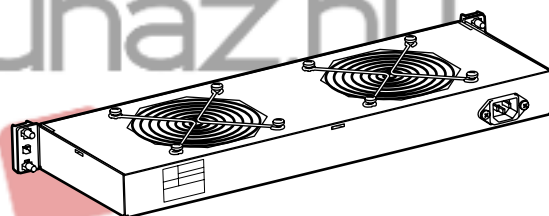| Cat. No.	No. of fans	Depth (mm)
0 464 89	2	150
0 464 90	4	300

Each fan provides an output of 90 m³/h.

The arrows below indicate the ventilation direction in the operating position:
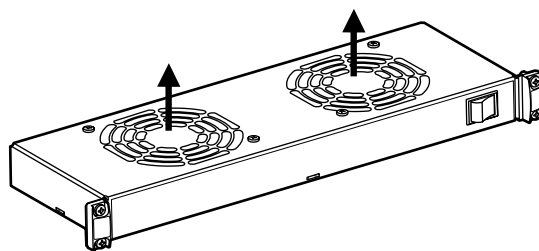
Features

- IP XXB - IK08
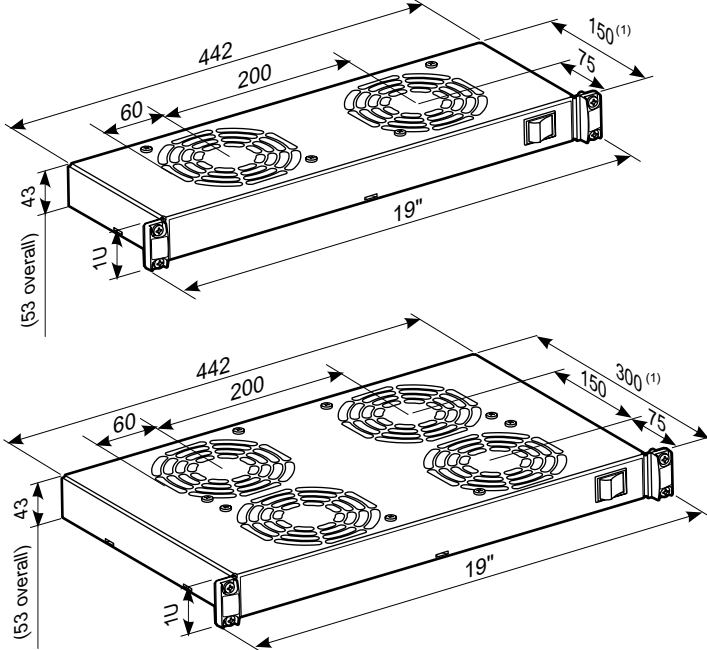- 230 V~ - 50/60 Hz power supply per IEC 60320 C14 socket

Cat. No.	Current (A)	Power (W)
0 464 89	0.25	36
0 464 90	0.5	72

- Supplied with C13 cord - French/German standard plug, length 1.2 m
- Illuminated ON/OFF switch
- For fixing on 2 x 19" uprights using M6 captive screws and 9.5 mm cage nuts with pins (supplied)
- Weight: 3 kg (Cat. No. 0 464 89)
          5.3 kg (Cat. No. 0 464 90)
- Drawer steel
- Black RAL 9005

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9. THERMAL MANAGEMENT *(continued)*
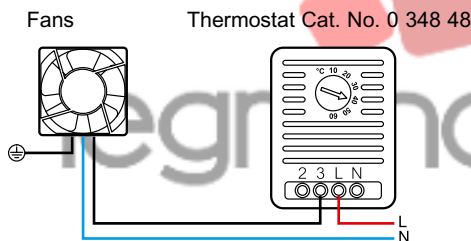
9.2 1U ventilation drawers *(continued)*

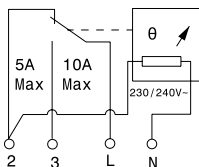⁽¹⁾ Overall dimensions: +70 mm for back connection

9.3 Thermostat

The mechanical thermostat Cat. No. 0 348 48 is used to control the switching on/off of the fans in order to control the temperature inside the cabinets.
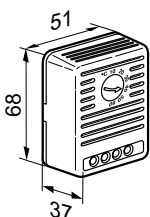
Fans   Thermostat Cat. No. 0 348 48

Features

- IP20
- 230 V~ - 50/60 Hz
- Adjustment range +5°C to +60°C
- Switching range: 2°C
- NC contact: 5 A, 250 V~
- NO contact: 10 A, 250 V~

- Connection via 2.5 mm² terminal block
- Class N interfercab. suppression according to VDE 0875
- Magnetic mounting
- Black

10. ACCESSORIES

10.1 Anti-tilt kit

The anti-tilt kit Cat. No. 0 464 84 stabilises a 19" LCS² freestanding cabinet (which is not fixed to the floor) when heavy products installed on telescopic equipment are removed.

The kit, which consists of 2 rails fixed under the lower end plate, prevents the cabinet tilting forwards.
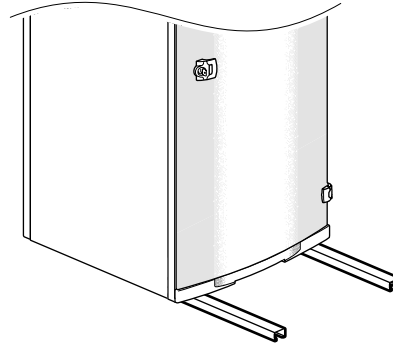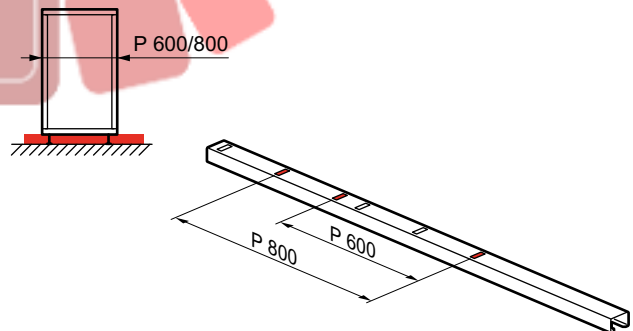

The kit can be mounted before or after installation of the cabinet.

The kit is suitable for all three cabinet depths:
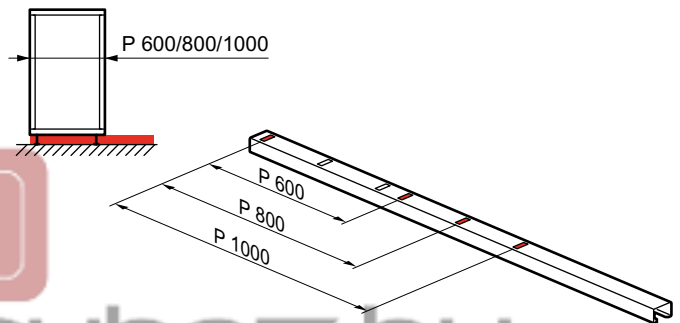
To limit the projection of the rails at the front of the cabinet, another type of mounting is possible for cabinets depth 600/800 mm:

⚠️ It is essential not to exceed the following dual limit:
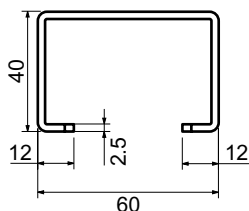- 100 kg total weight installed on runners
- 570 mm projection

570

⚖ + ⚖ + ⚖ + . . . = 100 Kg max.
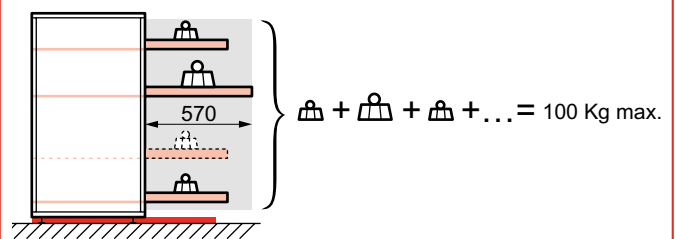
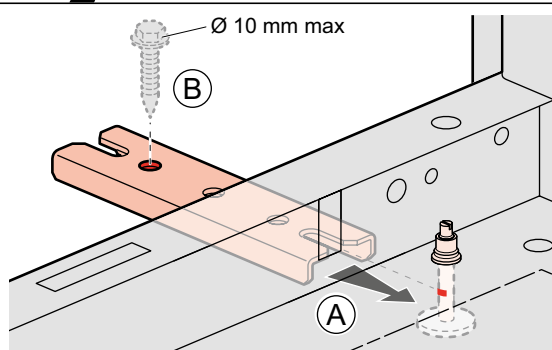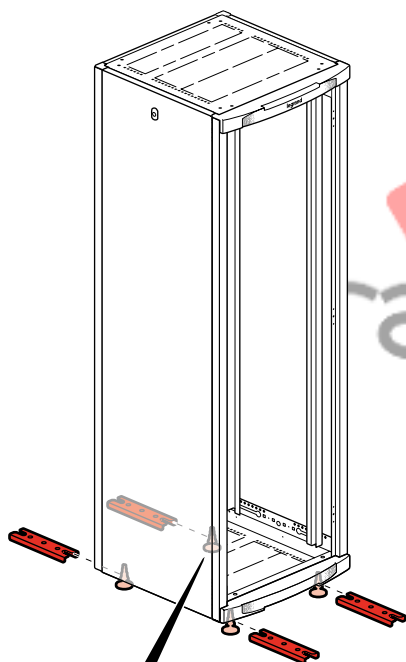## 10. ACCESSORIES *(continued)*

10.1 Anti-tilt kit *(continued)*

Features
C-section, length 1400 mm.
Steel + paint finish (same as cabinets)
Supplied with fixing screws
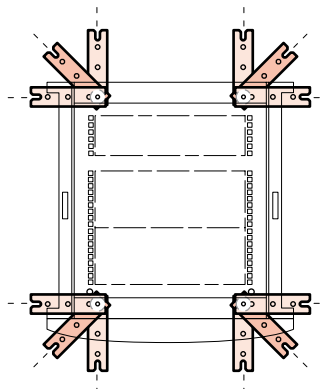Charcoal grey RAL 7016

10.2 Floor fixing kit

Fixing kit Cat. No. 0 464 86 is used to fix a 19" LCS² freestanding
cabinet to the floor permanently. The 4 lugs in the kit, when screwed
to the floor, lock the levelling feet of the cabinet.
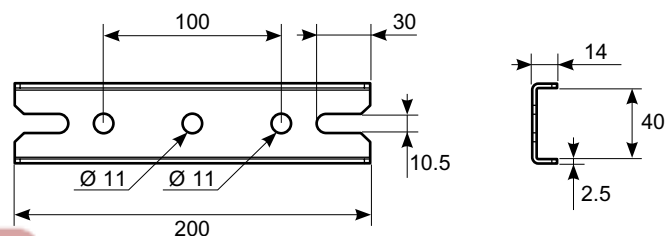
10. ACCESSORIES *(continued)*

10.2 Floor fixing kit *(continued)*
The kit is used for remote fixing outside the cabinet.

Features
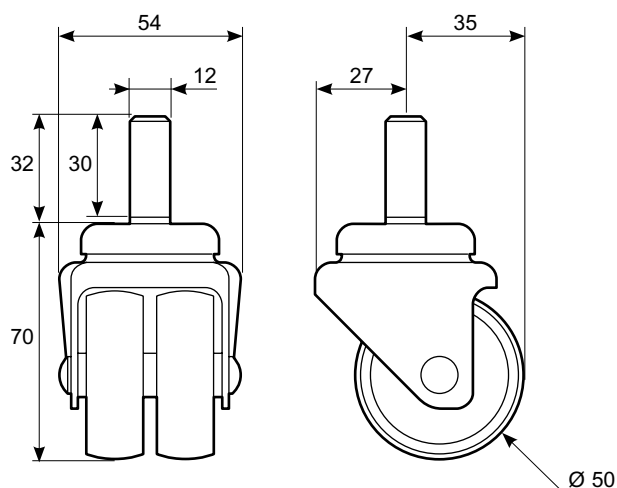Set of 4 galvanised steel lugs (without screws).

10.3 Casters
19" LCS² freestanding cabinets can be equipped with a set of 4
pivoting casters Cat. No. 0 464 83.

⚠ The total load on the 4 casters must not exceed 380 kg.
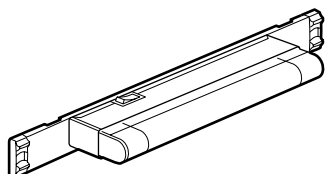
Features
- Set of 4 casters with fixing screws
- Raise cabinet by 70 mm
- Wheels black polyamide

10. ACCESSORIES *(continued)*

10.4 19" lighting kit

The kit Cat. No. 0 464 85 consists of a 1U 19" panel equipped with a fluorescent light.

Features
- Quick screw-free fixing on 2 x 19" uprights
- Class I
- IP20
- ON/OFF switch
- 230 V~ - 50Hz power supply
- Ferromagnetic ballast
- Rear connection on terminal block
- For Ø 16 mm fluorescent tube, length 288 mm, G13 cap
- Supplied with 8 W white tube
- Panel 1.5 mm thick steel + black RAL 9005 finish

11. 19" EQUIPMENT

11.1 19" management panels

For ease of mounting, the 19" LCS² panels incorporate a quick fixing:
- The plastic panels clip on directly. The only tool required is a flat screwdriver for their removal (see section 7.1).
- The metal panels are equipped with 2 ergonomic fixings that do not require any screws or tools.
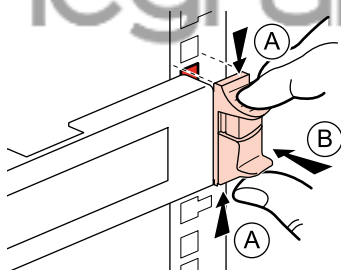
The quick fixing for metal panels is compatible with 1.4 to 2.75 mm thick 19" uprights with 8.25 to 9.5 mm square perforations.
An automatic equipotential link is ensured with 19" LCS² uprights.

Direct clipping on of plastic panels is compatible with 1.5 to 2 mm thick 19" uprights with 9.5 mm square perforations.

11. 19" EQUIPMENT *(continued)*
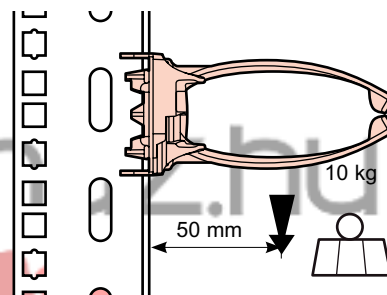
11.1 19" management panels *(continued)*

11.1.1 Management panels with 2 axes

- Metal panels with quick fixing
- Horizontal and front to back feedthrough
- Plastic cable management rings radiating out (to protect cords and maintain the bending radius)
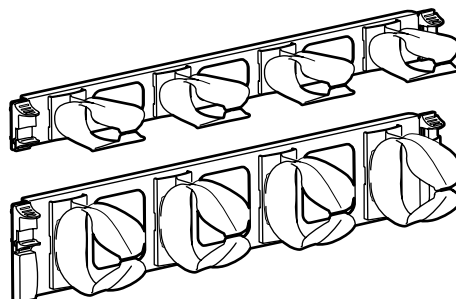
| Cat. No.	Panels with 2 axes	Depth (mm)	Dimensions of feedthroughs (mm)	Rings usable cross-section (mm²)
0 465 22	Metal 1U	90	30 x 60	1890
0 465 23	Metal 2U	90	65 x 60	4070

- Excellent resistance to unclipping under the weight of cables and cords

10 kg
50 mm
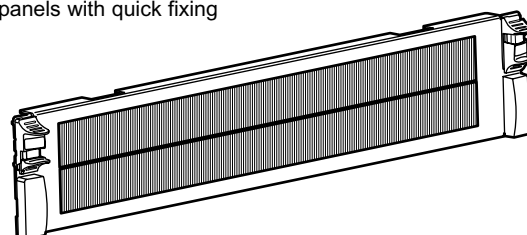
- Panels 1.5 mm thick steel
- Polyamide rings
- Zamak quick fixing
- Black RAL 9005

11.1.2 Management panels with brushes

- Direct clip-on plastic panels
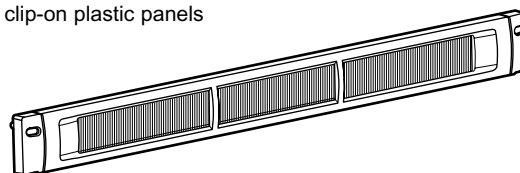
- Metal panels with quick fixing

11. 19" EQUIPMENT *(continued)*

11.1 19" management panels *(continued)*

11.1.2 Management panels with brushes *(continued)*

| Cat. No.	Panels with brushes	Dimensions of brush feedthrough (mm)
0 465 28	Plastic 1U	Side: 125 x 25 Central: 113 x 25
0 465 29	Plastic 2U	Side: 125 x 45 Central: 113 x 45
0 465 30	Metal 1U	400 x 23
0 465 31	Metal 2U	400 x 66

- Panels ABS or 1.5 mm thick steel
- Flexible brush (2 brushes for 2U height)
- Zamak quick fixing
- Black RAL 9005

These panels are also used to equip cabinet cable entries with brush feedthroughs (see paragraph 7.1).

11.1.3 Blanking plates
- Direct clip-on plastic plates

- Metal plates with quick fixing
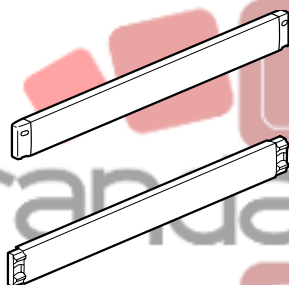
| Cat. No.	Blanking plates
0 465 32	Plastic 1U
0 465 33	Plastic 2U
0 465 38	Metal 1U
0 465 39	Metal 2U
0 465 40	Metal 3U

- Plates ABS or 1.5 mm thick steel
- Zamak quick fixing
- Black RAL 9005

11. 19" EQUIPMENT *(continued)*

11.2 Fixed shelves

11.2.1 Projecting mounting fixed shelf
- For direct screw-free fixing on 2 x 19" uprights
- Shelf is perfored for a better internal ventilation, and possibility of clamping using cable ties
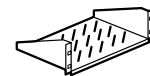
Cat. No.	Depth (mm)	Usable width (mm)
0 465 00	115	435
0 465 01	200	435
0 465 02	360	435

- Height 2U
- Max. load: 15 kg
- Automatic earthing on 19" LCS^2 uprights
- 50 x 7 mm oblong perforations
- 1.5 mm thick steel
- Black RAL 9005

Note: When mounted towards the front, projecting shelves can be used as temporary work surfaces.

11.2.2 Fixed shelf for fixing on 4 x 19" uprights

- Quick screw-free fixing system
- For mounting on 4 x 19" uprights
- Fixing independent of the depth position of the 19" uprights
- Shelf is perfored for a better internal ventilation, and possibility of clamping using cable ties
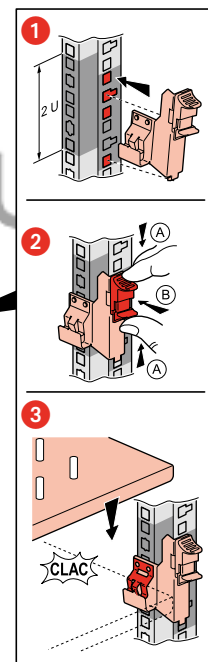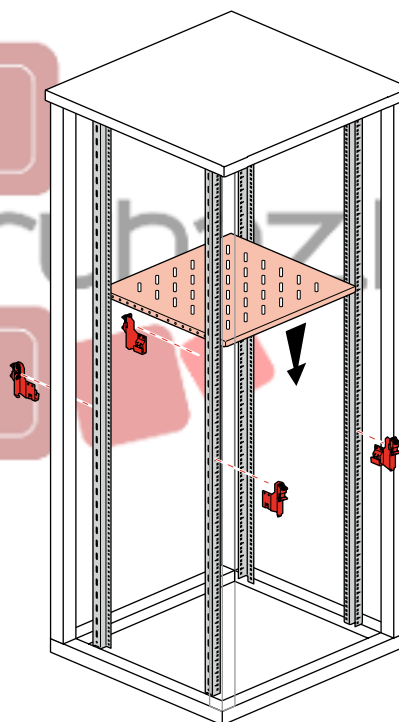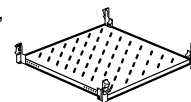
Cat. No.	For cab. depth (mm)	Depth (mm)	Width (mm)
0 465 05	600	425	440
0 465 06	800	625	440
0 465 07	1000	825	440

- Height 1U
- Max. load: 50 kg
- Automatic earthing
- 50 x 7 mm oblong perforations
- Shelf 1.5 mm thick steel
- Black RAL 9005

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11. 19" EQUIPMENT *(continued)*

11.3 Telescopic shelves
- Quick screw-free fixing system
- For mounting on 4 x 19" uprights
- Easy adjustment to the depth position of the 19" uprights
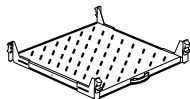- Shelf is perfored for a better internal ventilation, and possibility of clamping using cable ties
- Locking in open position

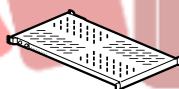| Cat. No.	For cab. depth (mm)	Depth (mm)	Width (mm)	Travel (mm)
0 465 08	600	425	425	320
0 465 09	800	625	425	420
0 465 10	1000	625	425	420

- Height 1U
- Max. load: 50 kg
- Automatic earthing
- 50 x 7 mm oblong perforations
- Shelf 1.5 mm thick steel
- Black RAL 9005
- Ball-bearing runners

⚠ In case of the risk of tilting when heavy items are removed, the cabinet must be fixed to the floor or stabilised using an anti-tilt kit (see sections 10.1 and 10.2).

11.4 Fixed shelf for heavy items
- For mounting on 4 x 19" uprights
- Front fixing via screws
- Adjustment in 12.5 mm intervals to the depth position of the 19" uprights

Cat. No.	For cab. depth (mm)	Depth (mm)	Width (mm)
0 465 17	1000	820	425

- Height 1U
- Max. load: 100 kg
- Supplied with screws and cage nuts with pins
- 50 x 7 mm oblong perforations (possibility of clamping using cable ties)
- 2 mm thick steel
- Black RAL 9005

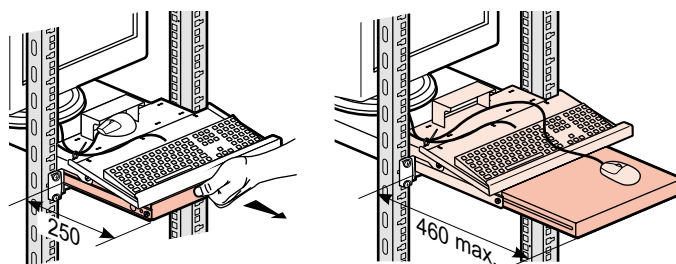### 11.5 Keyboard shelf
Shelf for computer screen.

With retractable keyboard support
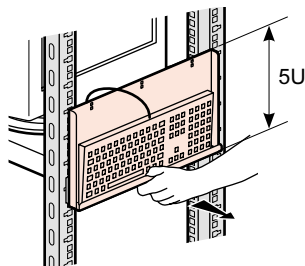
11. 19" EQUIPMENT *(continued)*

11.5 Keyboard shelf *(continued)*

With sliding shelf for mouse, integrated mat and position for mouse

- For mounting on 4 x 19" uprights
- Front fixing via screws
- Min. fixing centre: 625 mm

Cat. No.	For cab. depth (mm)	Shelf for screen		
		Depth (mm)	Width (mm)	Usable depth (mm)
0 465 19	800	625	420	500
	1000			

- Height 1U (5U with vertical keyboard support)
- Max. load: 50 kg
- Supplied with screws and cage nuts with pins
- 1.5 mm thick steel
- Black RAL 9005

11.6 Set of 2 fixed sliders
- For fixing on 4 x 19" uprights
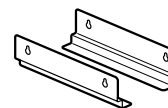
Cat. No.	For cab. depth (mm)	A (mm)	B (mm)	C (mm)	D (mm)
0 465 11	600	337	312	382	—
0 465 12	800	537	512	582	465
0 465 13	1000	737	712	782	654

- Max. load: 50 kg
- Supplied with screws
- 1.5 mm thick galvanised steel

Cat. No. 0 465 11 and 0 465 12
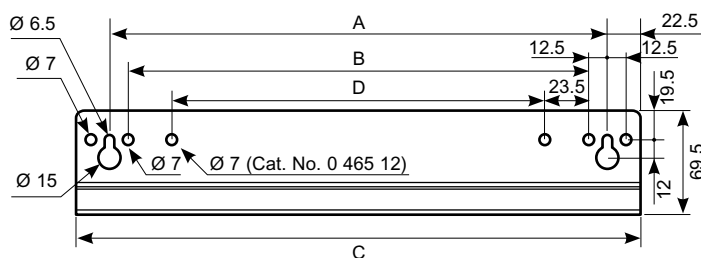
Profile and dimensions when in position in 19" LCS² freestanding cabinets:
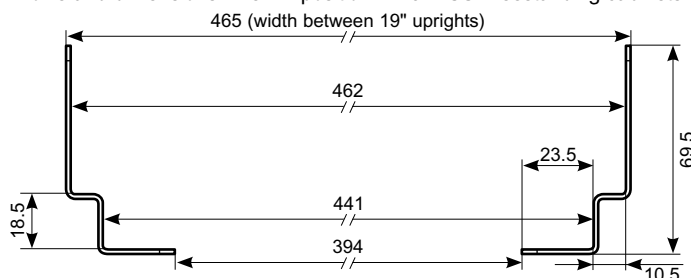
11. 19" EQUIPMENT *(continued)*

11.6 Set of 2 fixed sliders *(continued)*

Cat. No. 0 465 13

Profile and dimensions when in position in 19" LCS² freestanding cabinets:
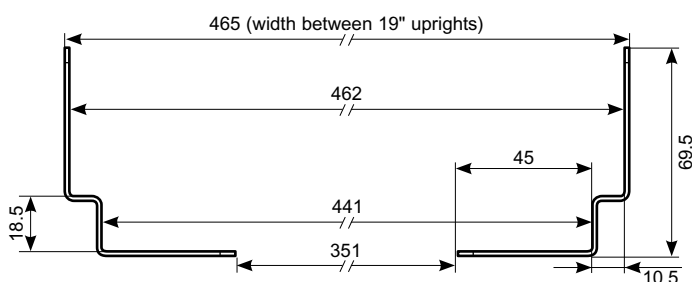
12. POWER DISTRIBUTION

12.1 Vertical PDUs

- Designed to provide 230 V~ power supply for active products
- For mounting in 42U/47U LCS² freestanding cabinets with a PDU support cat. No. 0 465 75/76 (see section 12.3)
- PDU fixing centre: 1697 mm min - 1703 mm max
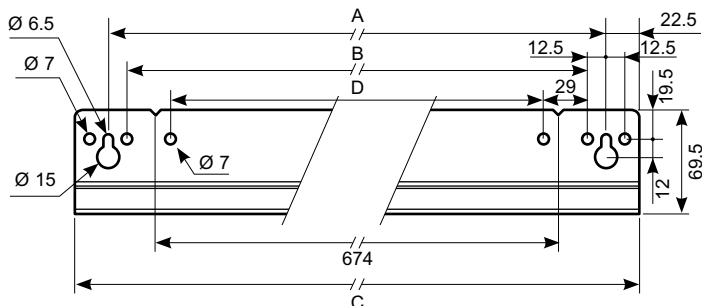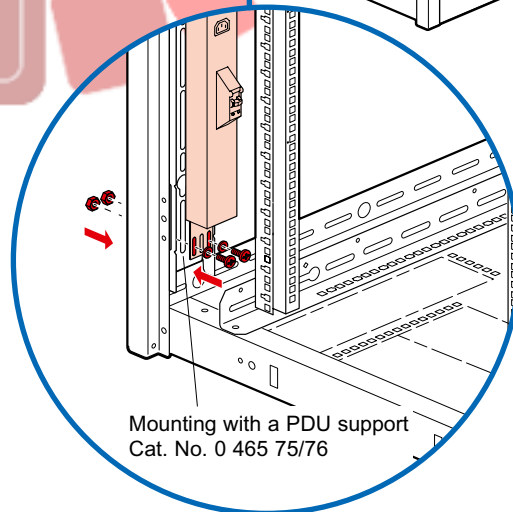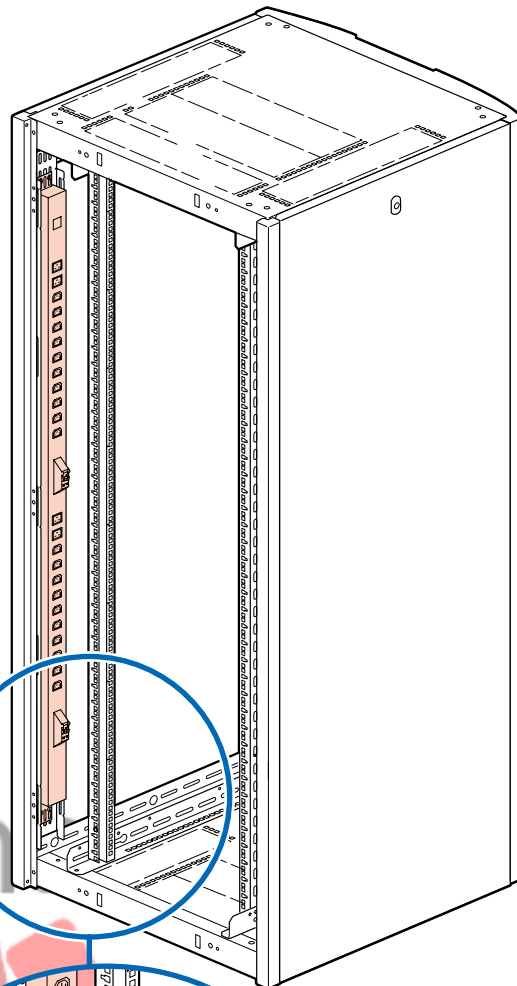

Mounting with a PDU support
Cat. No. 0 465 75/76

- 2P+E sockets
- Protection of each circuit by circuit breaker
- Circuit breakers equipped with cover for protection against accidental breaks
- Overall dimensions: H 1720 x W 55 x D 51 mm (88 mm overall depth at the circuit breaker slot)
- Supplied with fixing screws
- Black aluminium body, plastic end pieces for fixing

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19" LCS² freestanding cabinets

12. POWER DISTRIBUTION *(continued)*

12.1 Vertical PDUs *(continued)*

12.1.1 Single phase PDU

PDUs comprising 2 circuits.The total number of sockets is distributed equally between the 2 circuits.

Each circuit is identified by colour coding (white sockets and black sockets).

Cat. No.	2P+E sockets		Connection
	Number	**Standard**	
0 465 81	24	C13 IEC 60320	4/6 mm² terminal block via cable gland[1]
0 465 84	16	C13 IEC 60320	3x2.5 mm² cord of 3 m lenght with IEC 60309 2P+E plug 32A
	6	C19 IEC 60320	
0 465 80	24	French - Belgian	4/6 mm² terminal block via cable gland[1]
0 465 88	24	German	
0 465 89	22	British	

[1] Clamping capacity: Ø12 to Ø18 mm

Features

Cat. No.	Power supply		Use	
	Voltage	**Max. current**	**Power**[1]	**Protection**[1]
0 465 81				16A circuit breaker
0 465 84				Single pole + neutral C type
0 465 80	230V - 250V 50/60 Hz	16A	3680 W	
0 465 88				16A circuit breaker
0 465 89				Single pole C type

[1] Per circuit

12.1.2 Three-phase PDU

One circuit per phase composed of 8 C13 sockets + 1 C19 socket.

Cat. No.	2P+E sockets		Connection
	Number	**Standard**	
0 465 85	24	C13 IEC 60320	5x4 mm² cord of 3 m lenght with IEC 60309 3P+N+E plug 32A
	3	C19 IEC 60320	

Features

Cat. No.	Power supply		Use	
	Voltage	**Max. current**	**Power**[1]	**Protection**[1]
0 465 85	380V 50/60 Hz	32A	3680 W	16A circuit breaker Single pole + neutral C type

[1] Per circuit/phase

12. POWER DISTRIBUTION *(continued)*

12.1 Vertical PDUs *(continued)*

0 465 80   0 465 81   0 465 84   0 465 85   0 465 88   0 465 89
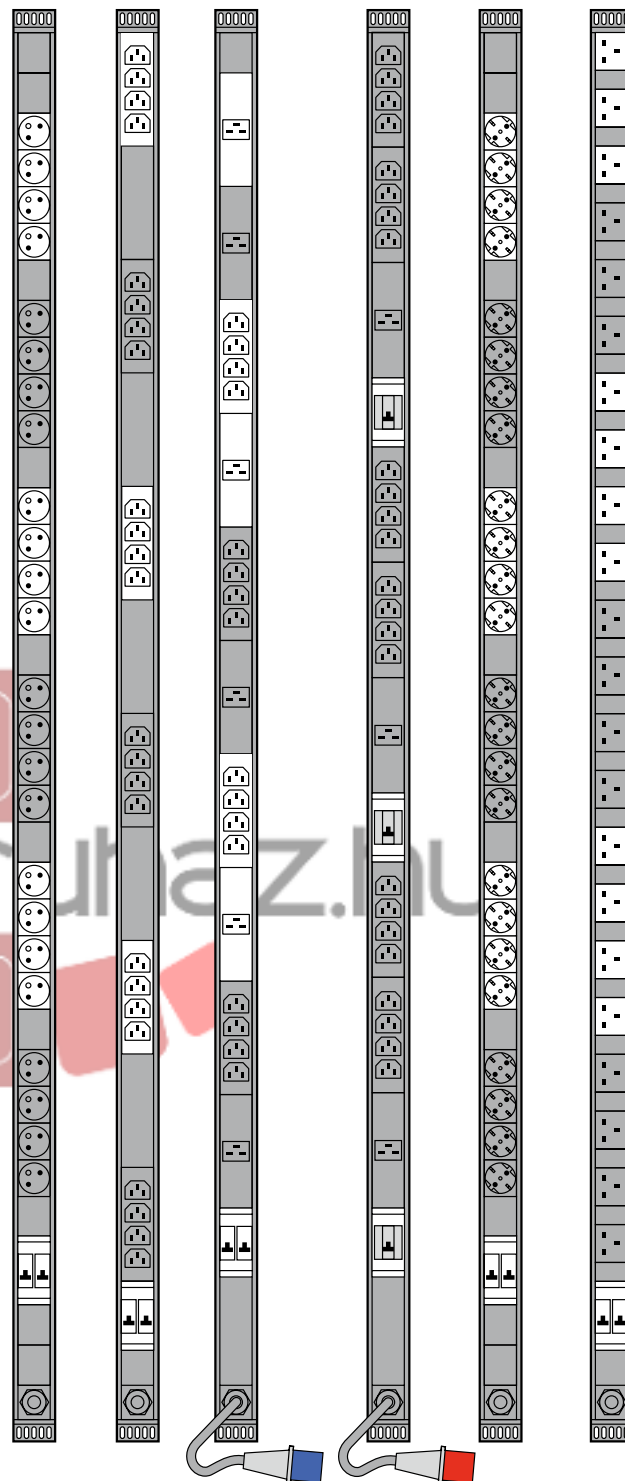
Legrand also has a range of 19" PDU and vertical PDU with intensity measure ability. To know all the features of these metered PDU, consult the specific data sheet.

12. POWER DISTRIBUTION *(continued)*

12.2 19" PDUs
- Designed to provide 230 V~ power supply for active products
- For mounting on 19" fixing centre
- 180° reversible end pieces for 2 fixing options:

- 2P+E sockets
- Connection via 2.5 mm² terminal block
- Overall dimensions: H 55 x W 483 x D 52 mm (Cat. No. 0 332 37, 88 mm overall depth at the circuit breaker slot)
- Provide a 2U space
- Supplied with screws and cage-nuts
- Black aluminium body, plastic end pieces for fixing

12.2.1 Socket PDU

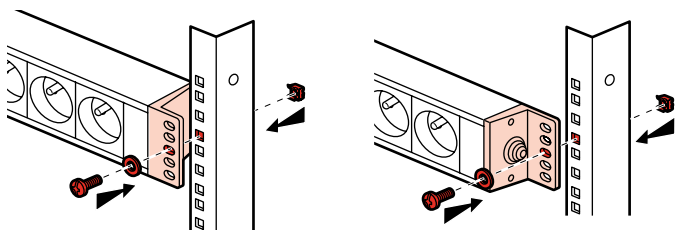| Cat. No.	2P+E sockets		Additional function	Colour
	Number	Standard		
0 465 51	12	C13 IEC 60320	—	Black
0 465 52	9	C19 IEC 60320	—	
0 465 50	9		—	Black
0 465 54	6		—	
0 332 88	6	French - Belgian	Switch with indicator	Alumin. grey White sockets
0 332 37	6		Circuit breaker	
0 332 87	6		Tamperproof for uninterruptible power supply (UPS)	Alumin. grey Red sockets
0 465 60	9	German	—	Black
0 465 62	6		—	
0 332 38	6		Circuit breaker	Alumin. grey White sockets
0 465 65	6	British	—	Black
6 339 00	5			Alumin. grey White sockets

Legrand also has a range of 19" PDU and vertical PDU with intensity measure ability. To know all the features of these metered PDU, consult the specific data sheet.

12. POWER DISTRIBUTION *(continued)*

12.2 19" PDUs *(continued)*

12.2.1 Socket PDU *(continued)*

Features

Cat. No.	Power supply		Use	
	Voltage	Max. current	Power	Protection
0 465 51		10A	2500 W	—
0 465 52				
0 465 50				
0 465 54				
0 332 88				
0 332 37	230V - 250V 50/60 Hz	16A	3680 W	16A circuit breaker 2 pole C type
0 332 87				
0 465 60				—
0 465 62				
0 332 38				16A circuit breaker 2 pole C type
0 465 65		13A	2990W	—
6 339 00				

12.2.2 PDU with surge protector
- Provides protection against mains overvoltages while keeping sockets energised
- Replacement of protection with surge protector module Cat. No. 0 775 41 (indication by red LED)

Cat. No.	2P+E sockets		Additional function	Colour
	Number	Standard		
0 332 78	6	French - Belgian	Surge protector Switch with indicator	Alumin. grey White sockets

Features

Cat. No.	Power supply		Use	
	Voltage	Max. current	Power	Protection
0 332 78	230V - 250V 50/60 Hz	16A	3680 W	—

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Ⅼ legrand

19" LCS² freestanding cabinets

12. POWER DISTRIBUTION *(continued)*

12.2 19" PDUs *(continued)*

12.2.3 PDU to be equipped

| Cat. No.	Capacity	Colour
0 332 79	16 Mosaic modules	Alumin. grey
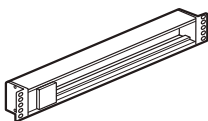
12.3 PDU supports

- Vertical supports to be fixed at the side back of 42U/47U 19" LCS² cabinets
- Make possible the mounting of the vertical PDU in 19" LCS² cabinets (see section 12.1)
- Can receive 19" PDU vertically
- Many possibilities of fixing by screw. PDU with buttons can be fixed by hanging all 7U

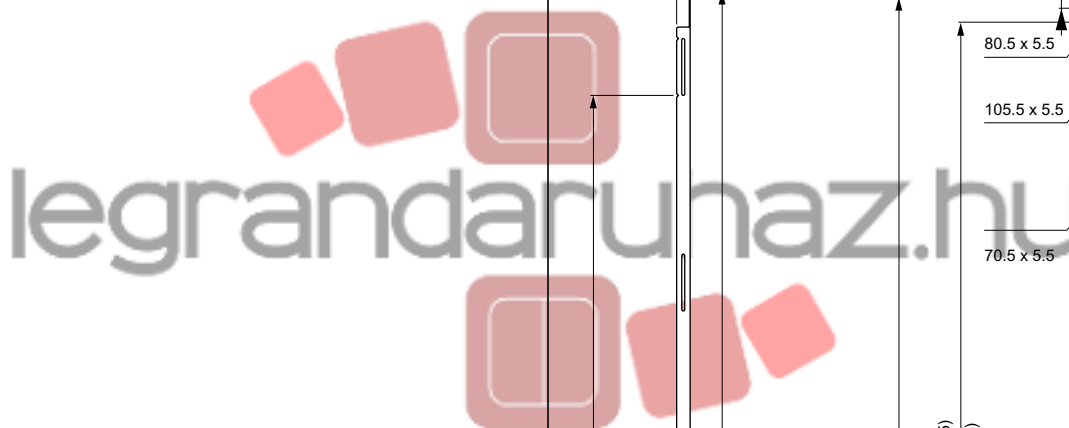| Cat. No.	For cabinet capacity
0 465 75	42U
0 465 76	47U

- Supplied with fixing screws
- 1.5 mm thick galvanised steel

12. POWER DISTRIBUTION *(continued)*

12.3 PDU supports *(continued)*
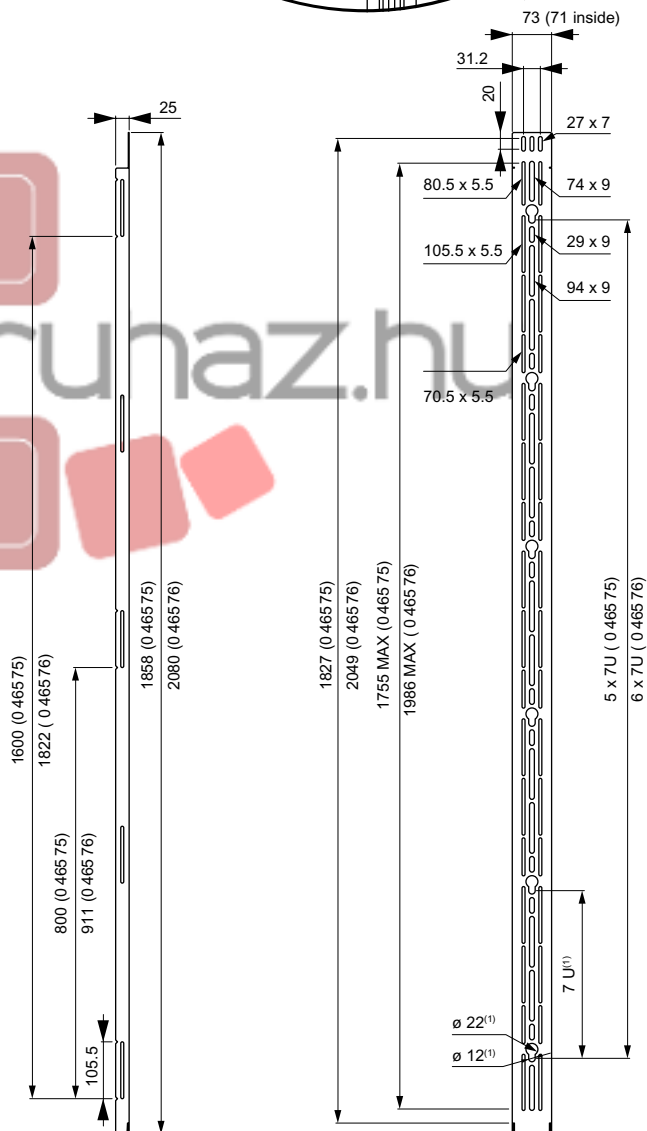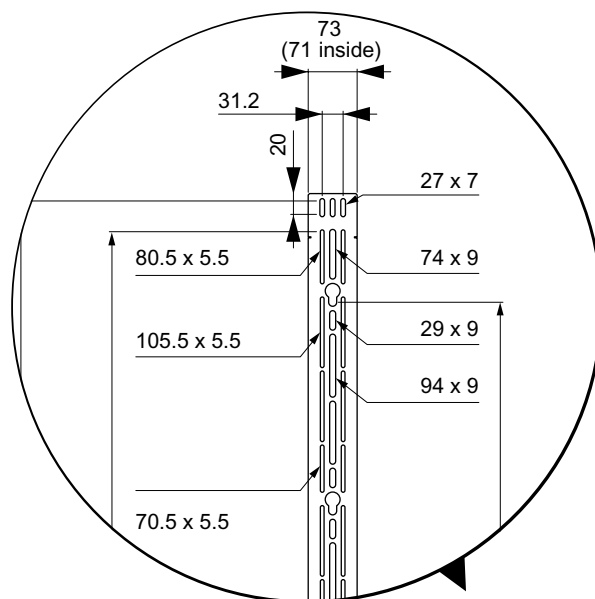
(1) For mounting PDU with buttons

12. POWER DISTRIBUTION *(continued)*

12.4 Multi-application DIN rail kit
- For mounting modular devices on 19" fixing centre (circuit breakers, Legrand multimedia network components… etc)
- Capacity 24 modules
- Height 4 U (to respect the bending radius of the network cables)
- Max current: 32A

12.4.1 DIN profile rail with front panel

- Cat. No. 0 465 46
- Comprises a front panel, and 15 mm deep rail equipped with brackets for 19" fixing centre
- IPXXC (front part only)
- Supplied with a 24 modules blanking plate, screws and cage-nuts
- Rail, fixing brackets and front panel made of steel
- Black RAL 9005 (front panel)
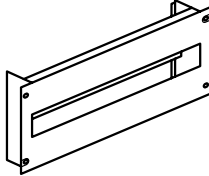
12.4.2 Rear cover

- Cat. No. 0 465 47
- Used with cat. No. 0 465 46 (DIN profile rail with front panel)
- To be used for heigh current applications (greater than 50 V)
- Ensure IPXXB
- Compatible with EMC requirements
- Supplied with terminal block for protection conductors (1X6 to 25 and 8X1.5 to 16 mm²), 12 cable entry glands for Ø 22 mm and fixing screws
- 1.5 mm thick galvanised steel