



# We have a VDI enclosure for every need



- > **More dimensions**  
**Freestanding cabinets:**
  - height 24, 29, 33, 42 and 47 U
  - depth 600, 800 and 1000 mm
  - width 600 and 800 mm
- > **Customized structure:**
  - doors
  - cable entry plates
  - colours (180 RAL)
- > **Pre-mounted equipment:**
  - management panels
  - ventilation
  - power supply units, etc.

For further information, please contact us

## XL VDI 19" freestanding cabinets



332 01



332 00



Technical characteristics (p. 817-819)

IP 20 - IK 08  
 Equipped with:  
 Reversible curved front door made of screen-printed safety glass  
 Reversible metal rear door  
 Removable lateral panels  
 Four sides lockable with 2433 A key lock  
 Extension cabinet supplied with joining kit and no lateral panels  
 Integrated plinth height 100 mm with ventilated plates  
 Levelling feet adjustable from inside  
 Supplied with 2 x 19" uprights in 600 mm depth version, and 4 uprights in 800 mm depth version  
 Supplied with plain plates at the top  
 White RAL 9002

Pack	Cat.Nos		19" XL VDI cabinets			
	Standard cabinet	Extension cabinet	Capacity	Width x depth (mm)	Height (mm)	Permissible load (kg)
1	332 18		24 U	600 x 600	1 308	240
1	332 20		29 U	600 x 600	1 533	290
1	332 94		33 U	600 x 600	1 708	330
1	332 96	330 36	42 U	600 x 600	2 108	420
1	332 97	330 37	42 U	600 x 800	2 108	420
1	332 98	330 38	42 U	800 x 600	2 108	420
1	332 99	330 39	42 U	800 x 800	2 108	420
1	332 01	330 41	47 U	800 x 800	2 333	470

Pack	Cat.Nos		19" XL VDI server cabinet			
	Standard cabinet	Extension cabinet	Capacity	Width x Depth (mm)	Height (mm)	Permissible load (kg)
1	332 00	330 40	42U	800 x 1000	2 108	500

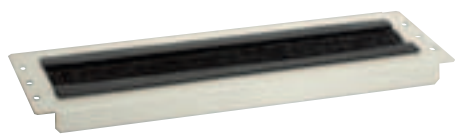
**Depth 1000**  
 Supplied with 4 special-purpose 19" uprights for mounting any type of server  
 Cabinets can be completely dismantled if site access is difficult  
 Lateral reinforcements  
 Perforated metal rear door  
 Supplied with 50 x M6 cage nuts

Pack	Cat.Nos		19" uprights			
	Standard cabinet	Extension cabinet	Capacity	Width x Depth (mm)	Height (mm)	Permissible load (kg)
1	346 64		24 U			
1	346 65		29 U			
1	346 53		33 U			
1	346 54		42 U			

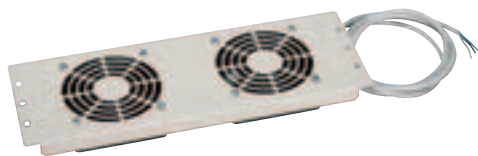
Set of 2 additional 19" uprights for 600 mm depth cabinets

## XL VDI 19" cabinets

cable entry, ventilation and accessories



329 72



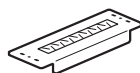
348 19



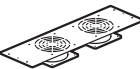
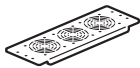
365 82

Technical characteristics (p. 819)

Pack	Cat.Nos	Cable entry
1	329 72	<b>Plate with brush</b> For top part of width 600 mm cabinet For bottom part of width 600 and 800 mm cabinet
1	329 74	For top part of width 800 mm cabinet
1	348 21	<b>Plain plate</b> For bottom part of width 600 and 800 mm cabinet



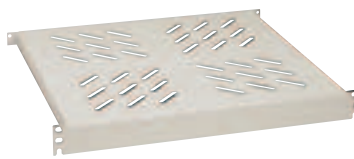
Pack	Cat.Nos	Ventilation
1	348 27	<b>Ventilated plates</b> For width 600 mm cabinet
1	348 28	For width 800 mm cabinet
1	348 19	<b>Plates with 230 V~ fans</b> 2.5 m cord For width 600 mm cabinet, 2 fans
1	348 20	For width 800 mm cabinet, 3 fans
1	348 39	<b>230 V fan</b> 2.5 m cord For mounting on ventilated plates Cat.Nos 348 27/28
1	348 48	<b>Thermostat</b> Adjustable from 5 to 60 °C, 12 to 250 V NO contact: 10 A ; NC contact: 5A Magnetic fixing



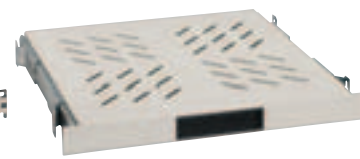
Pack	Cat.Nos	Accessories
1	329 68	Set of 4 casters Max. load on the 4 casters: 380 kg
1	331 39	Earthing kit 3 green-yellow wires Length 250 mm, 2.5 mm <sup>2</sup>
20	347 95	Earthing strip Length 200 mm, 6 mm <sup>2</sup>
1	345 42	IP 20 lighting kit 35 W incandescent tube Fixed directly onto the structure
20	365 80	Document holder, internal dimensions: 310 x 200 x 18 mm
20	365 81	Document holder, internal dimensions: 230 x 130 x 18 mm
1	365 82	IP 50 closed document holder, internal dimensions: 324 x 120 x 18 mm Possible mounting on 3 U blanking plate Cat.No 346 78

## XL VDI 19" cabinets

19" equipment



329 49

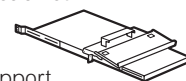


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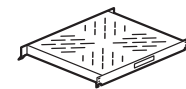


331 36

Pack	Cat.Nos	Keyboard support shelf
1	329 60	Fit on 4 x 19" uprights For 800 mm and 1 000 mm depth cabinet Max. load: 50 kg Can receive: - a data-processing screen - a keyboard on the retractable support - a mouse on a sliding shelf with integrated carpet Housing for mouse or CD



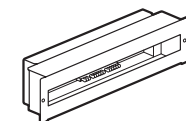
Pack	Cat.Nos	Fixed shelves, 1 U
1	332 25	Depth 250 mm (fitted projecting from two 19" uprights, for wall mounting and freestanding cabinets) Max. load 20 kg
1	332 28	Depth 300 mm (fitted projecting from two 19" uprights, for freestanding and depth 580 and 600 mm wall mounting cabinets) Max. load 20 kg
1	329 49	Fit on 4 x 19" uprights Depth 425 mm For 600 mm depth cabinet Max. load: 80 kg
1	329 50	Fit on 4 x 19" uprights Depth 625 mm For 800 mm depth cabinet Max. load: 80 kg
1	329 56	Fit on 4 x 19" uprights Depth 822 mm For 1 000 mm depth cabinet Max. load: 80 kg



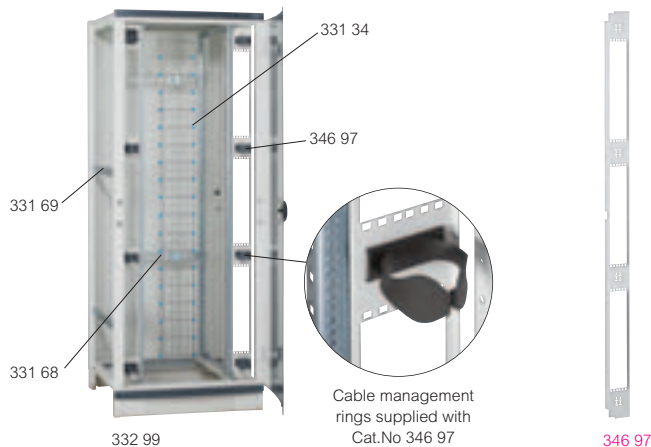
Pack	Cat.Nos	Telescopic shelves, 1 U
1	329 51	Fit on 4 x 19" uprights Depth 440 mm For 600 mm depth cabinet Max. load: 50 kg
1	329 52	Fit on 4 x 19" uprights Depth 640 mm For 800 mm depth cabinet Max. load: 50 kg
1	329 57	Fit on 4 x 19" uprights Depth 640 mm For 1 000 mm depth cabinet Max. load: 50 kg



Pack	Cat.Nos	IP 2X DIN rail kit
1	331 36	For mounting Legrand Lexic equipment Fits directly onto 19" uprights Helps compliance with EMC requirements Comprises: • metal box • 24 module DIN rail • terminal block for grounding • 3 U faceplate • 24 module blanking plate • 14 cable entry glands



## XL VDI 19" cabinets and Bati-rack cable management



Pack	Cat.Nos	Cable supports
1	331 67	<b>Set of 2 cable supports</b> Universal perforations allow fixing of cable management accessories (cable trays, cable ties...) Lateral mounting between 19" uprights For 600 mm depth cabinet Mounting distance: 275 mm
1	331 68	Mounting: - Lateral on structure for 600 mm depth cabinet - Lateral between 19" uprights for 800 mm depth cabinet - Front or back between 19" uprights for all sizes Mounting distance: 475 mm
1	331 69	Mounting: - Lateral on structure for 800 mm depth cabinet - Lateral between 19" uprights for 1000 mm depth cabinet Mounting distance: 675 mm
1	331 70	Lateral mounting on structure for 1000 mm depth cabinet Mounting distance: 875 mm

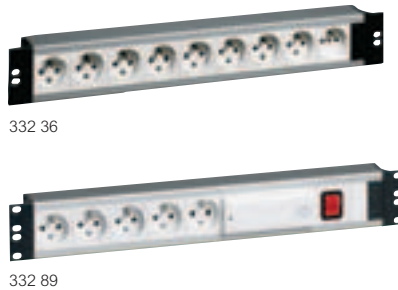
Pack	Cat.Nos	Wire cable tray
1	331 28	Mounted with cable supports Lateral cable tray, dimensions: 1 100 x 200 x 50 mm For 24 and 29 U height cabinets
1	332 34	Lateral cable tray, dimensions: 1 400 x 200 x 50 mm For 33 U height cabinets
1	331 34	Lateral cable tray, dimensions: 1 800 x 200 x 50 mm For 42 U and 47 U height cabinets

Pack	Cat.Nos	Cable management
1	331 35	For 42 U cabinets, 800 mm wide Mounted onto 19" uprights Cable management tray Dimensions: 1 560 x 100 x 150 mm
1	346 97	Set of 2 uprights allowing to increase cabinet capacity with 12 U for the 19" equipment assembly into vertical (management panels, power supply units...) Supplied with 8 cable management rings 2 U and cable ties with tightening indicator
1	346 98	Set of 2 vertical trim plates with brush openings for cable management Supplied with 10 management rings (2 U), 3 cable ties Cat.No 331 94, 3 cable ties Cat.No 331 95 and 3 cable ties Cat.No 331 96

Pack	Cat.Nos	19" Bati-rack
1	346 51	Comprising 2 x 19" uprights Can build a chassis with 4 uprights using Cat.No 346 59 Capacity   Width x depth (mm)   Height (mm)   Permissible load (kg) 42 U   600 x 464   1 960   210

Pack	Cat.Nos	Uprights for Bati-rack
1	346 59	Set of 2 additional 42 U 19" uprights for building a chassis with 4 uprights

## 19" power supply unit 230 V



Reversible front, rear or lateral mounting on uprights  
Terminal box connection, cross-section 2.5 mm<sup>2</sup>  
Provide a 2 U space

Pack	Cat.Nos	German standard
1	6339 01	6 x 2P + ⊕ sockets
1	332 38	6 x 2P + ⊕ sockets + MCB
1	332 39	9 x 2P + ⊕ sockets

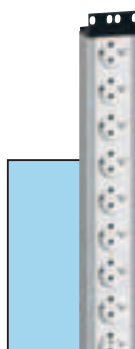
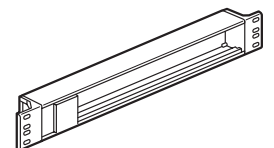
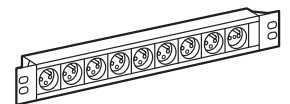
Pack	Cat.Nos	BS standard
1	6339 00	5 x 2P + ⊕ sockets + switch

### French standard

Pack	Cat.Nos	Socket units
1	332 36	9 x 2P + ⊕ sockets
1	332 37	6 x 2P + ⊕ sockets + double pole MCB, 16 A
1	332 86	6 x 2P + ⊕ sockets

Pack	Cat.Nos	Unit with voltage surge protector and interference filter
1	332 89	5 x 2P + ⊕ sockets + voltage surge protector and interference filter Keeps sockets energised after a mains overvoltage or lightning strike Interchangeable voltage surge protector module Ensures continuity of service

Pack	Cat.Nos	Self-assembly unit
1	332 79	Takes 16 Mosaic modules



**19" power supply units  
configured on request**

**please consult us**

## cable management

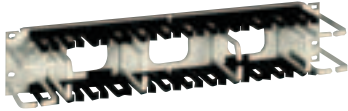
### 19" management panels



332 56



332 46



332 44



332 47



331 41

## cable management

### cable ties for VDI application



331 94



331 95

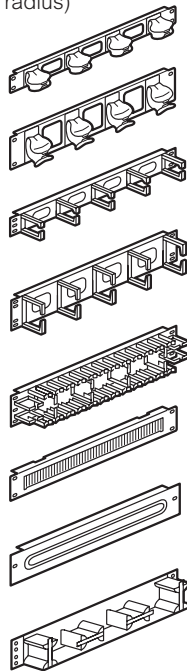


331 96



320 68

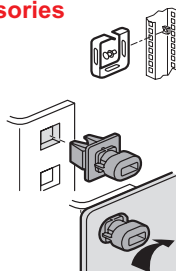
Pack	Cat.Nos	19" management panels
		For organization and circulation of patch cords Vertical, horizontal and front to back management Supplied with screws <b>Management panels, 2 axes</b> Horizontal and front to back management With round shaped rings for an optimal protection of the cords (respect of the bending radius)
1	332 56	1 U
1	332 55	2 U
1	332 46	<b>1 U panel, 2 axes, metal</b> Horizontal and front to back management
1	332 45	<b>2 U panel, 2 axes, metal</b> Horizontal and front to back management
1	332 44	<b>2 U panel, 3 axes</b> Vertical, horizontal and front to back management
1	332 47	<b>1 U panel, with brush</b> Front to back management
1	332 31	<b>2 U panel, 1 axis</b> Front to back management
1	332 48	<b>Optical fibre management panel 2 U, 2 axes</b> For optical fibre jumper, vertical and horizontal management



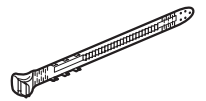
Pack	Cat.Nos	Blanking plates
1	346 77	1 U
1	346 74	2 U
1	346 78	3 U



Pack	Cat.Nos	Cable guide and fixing accessories
4	332 35	Wire-guide ring Usable cross-section 56 x 89 mm
50	331 41	Rapid fixing-kit for 19" panels For installation on 19" VDI uprights For 1/4 turn rapid fastening Not suitable for heavy active products Insulating material RAL 9002
1	364 53	Set of 50 cage nuts, 50 plastic washers and 50 M6 screws



Pack	Cat.Nos	Cable ties with tightening indicator																		
		Cable ties with warning system to prevent damaging cables Pinch to adjust Reusable																		
		<table border="1"> <thead> <tr> <th rowspan="2">Width (mm)</th> <th rowspan="2">Length (mm)</th> <th colspan="2">Tightening Ø</th> </tr> <tr> <th>max.</th> <th>min.</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>331 94</td> <td>35</td> <td>15</td> </tr> <tr> <td>50</td> <td>331 95</td> <td>50</td> <td>35</td> </tr> <tr> <td>50</td> <td>331 96</td> <td>80</td> <td>50</td> </tr> </tbody> </table>	Width (mm)	Length (mm)	Tightening Ø		max.	min.	50	331 94	35	15	50	331 95	50	35	50	331 96	80	50
Width (mm)	Length (mm)	Tightening Ø																		
		max.	min.																	
50	331 94	35	15																	
50	331 95	50	35																	
50	331 96	80	50																	
50	320 68	<b>Self adhesive base</b> Possible central fixing with screw Ø4 mm Black - 38 x 38 x 9.4 mm For ties up to 20 mm max. width																		



**Portable labelling system** (p. 381)

# XL VDI 19" wall mounting cabinets

## General characteristics

Metal wall mounting cabinets  
 Textured polyester coating RAL 9002 providing excellent corrosion and scratch resistance  
 Front door made of safety glass  
 Protection class against solid bodies and liquids: IP 20  
 Protection class against mechanical impact: IK 08  
 Max. load: 3 kg/U (i.e.: 48 kg for a 16 U wall mounting cabinet)  
 12 kg for the mini XL VDI cabinet

## Conformity to standards

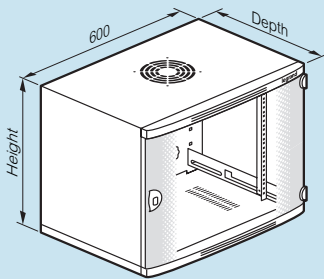
The XL VDI 19" wall mounting cabinets are in accordance with the following standards:

<b>IEC 60529</b> <b>EN 60529</b>	Degrees of protection provided by enclosures (IP code)
<b>IEC 62262</b> <b>EN 62262</b>	Degrees of protection provided by enclosures for electrical equipment against external mechanical impact (IK code)
<b>IEC 60950 - 1</b> <b>EN 60950 - 1</b> <b>C 77-210 - 1</b>	Information technology equipment - Safety
<b>EIA-310-D</b>	Cabinets, racks, panels and associated equipment (ANSI/EIA/310-D-1992)
<b>IEC 60297-1 &amp; 2</b> <b>DIN 41414-7</b>	Dimensions of mechanical structures of the 482.6 mm (19") series

The XL VDI 19" wall mounting cabinets are designed to be integrated in installations that are in accordance with the following standards:

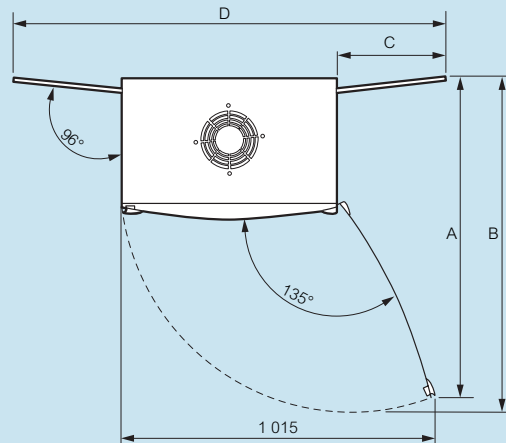
<b>EN 50173-1</b>	Information technology - Generic cabling systems
<b>EN 50174-1 &amp; 2</b> <b>C 90-480-1 &amp; 2</b>	Information technology - Cabling installation
<b>ISO IEC 11801</b>	Information technology - Generic cabling for customers premises
<b>NF C 15-100</b> <b>Part 4-41</b>	Low voltage electrical installations
<b>UTE C90-483</b>	Cabling of communication network for homes

## Dimensions (mm)

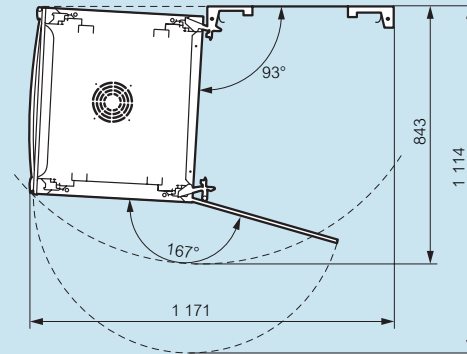


	Cat.Nos	Capacity	Height	Width	Depth
Fixed cabinets	340 36	6 U	350	600	400
	340 37	9 U	500		
	340 38	12 U	600		
	340 46	9 U	500		580
	340 48	12 U	600		
Pivoting cabinets	340 49	16 U	800	600	600
	340 51	9 U	500		
	340 52	12 U	600		
	340 53	16 U	800		
Mini VDI cabinets	329 81	6 U	350	340	300

## Front door and panels opening

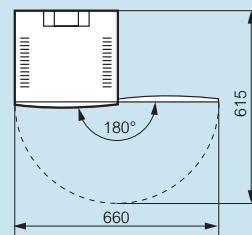


## Pivoting body opening



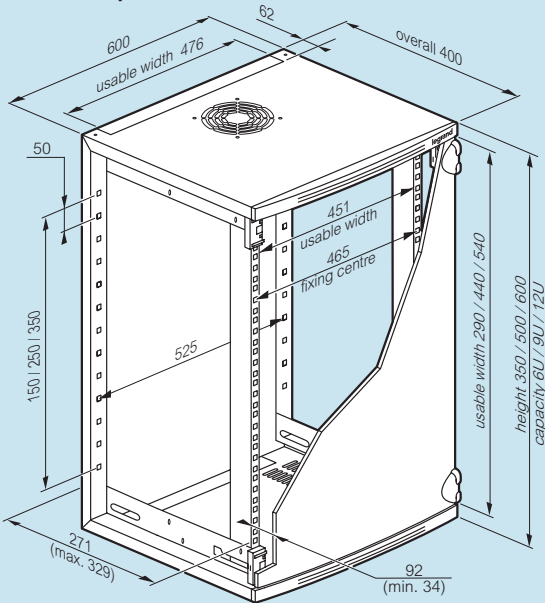
	Cat.No	Front door open		Panels open	
		A	B	C	D
Fixed cabinets	340 36	800	962	305	1205
	340 37				
	340 38				
	340 46				
	340 48				
340 49	978	1140	482.5	1565	
Pivoting cabinets	340 51	1014	1179	482.5	1565
	340 52				
	340 53				
	340 55				

## Mini VDI cabinet door opening

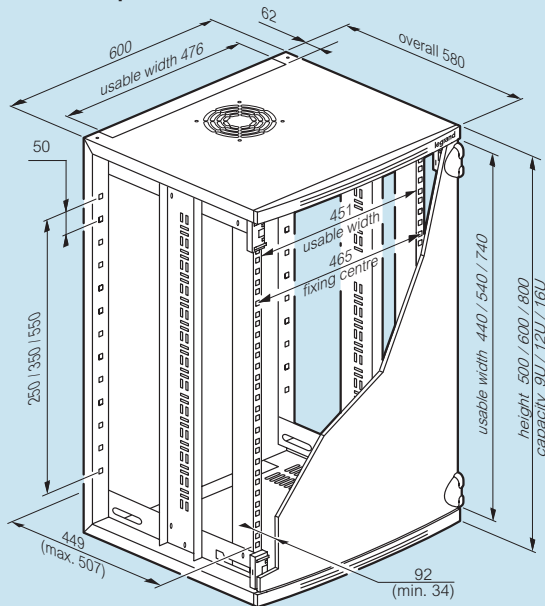


### ■ Usable depth (mm)

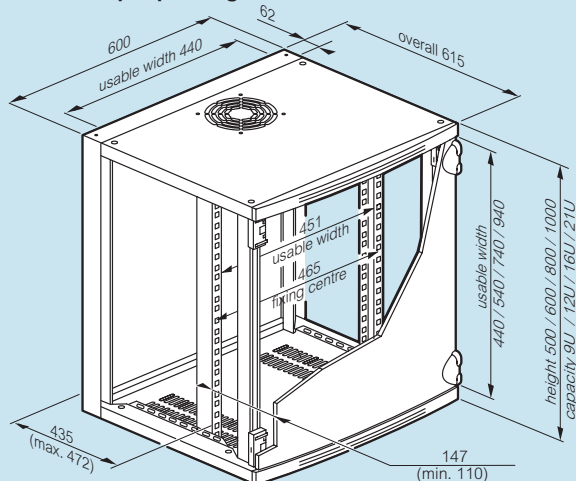
#### 400 mm depth fixed cabinets



#### 580 mm depth fixed cabinets

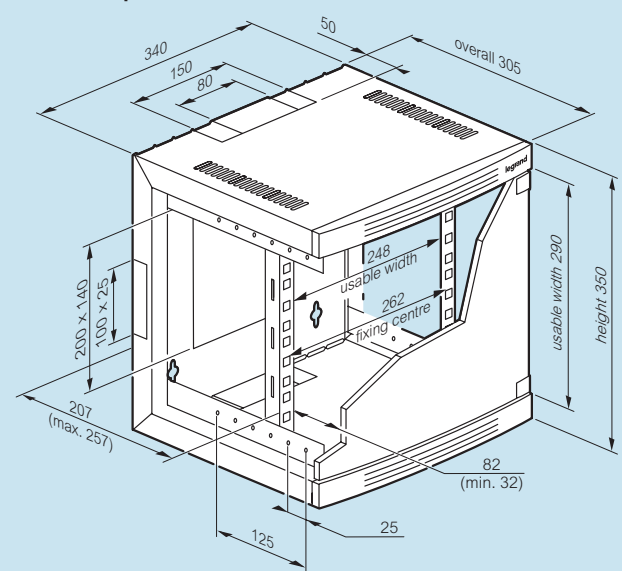


#### 600 mm depth pivoting cabinets

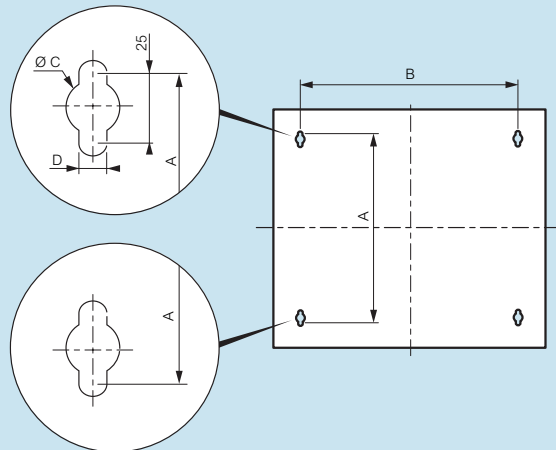


### ■ Usable depth (mm)

#### 300 mm depth fixed cabinets



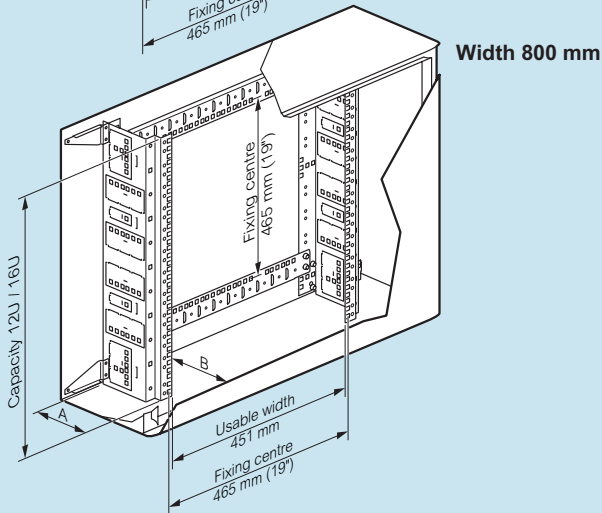
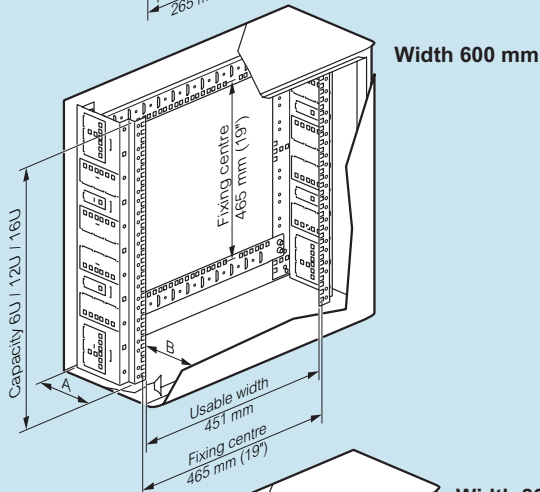
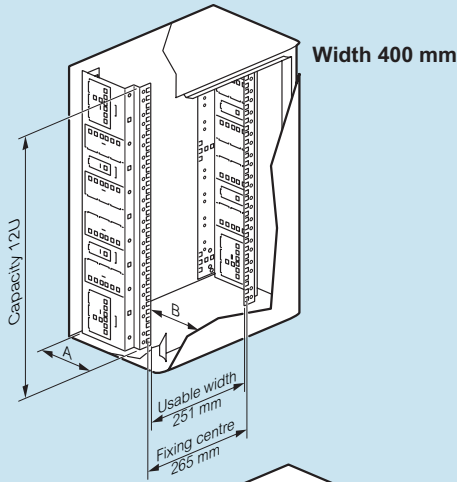
### ■ Fixing of wall-mounting cabinets (mm)



	Capacity	A	B	C	D
Fixed cabinets	6 U	250	406,4	20	11
	9 U	400			
	12 U	500			
	16 U	700			
Pivoting cabinets	9 U	425	500	18	9
	12 U	525			
	16 U	725			
	21 U	925			
Mini cabinet	6 U	275	250	15	6,5

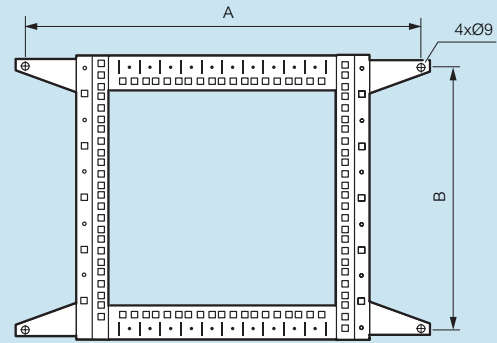
# VDI equipment for weatherproof cabinets and cable management

## ■ Mounting VDI chassis in weatherproof cabinets



Atlantic cabinets					
Chassis Cat.Nos	Capacity	Cat.Nos	Dimensions H x W x D (mm)	Usable dim. under door	
				A (mm)	B (mm)
340 70	6 U	355 06	400x600x250	145	105
340 71	12 U	355 08-386 14	600x400x250	145	105
340 71	12 U	355 10	600x600x250	145	105
340 71	12 U	355 20	600x600x300	145	155
340 71	12 U	355 21	600x800x300	145	155
340 72	16 U	355 14-386 23	800x600x250	145	105
340 72	16 U	355 23-386 24	800x600x300	145	155
340 72	16 U	355 15	800x800x250	145	105
340 72	16 U	355 24	800x800x300	145	155
Marina cabinets					
340 71	12 U	362 55/75	600x400x250	150	100
340 72	16 U	362 61/81	800x600x300	150	150
Stainless steel Atlantic cabinets					
340 71	12 U	352 05	600x400x250	145	105
340 72	16 U	352 11	800x600x300	145	155

## ■ Wall fixing



Wall mounting chassis			
Cat.Nos	Capacity	A (mm)	B (mm)
340 70	6 U	725	325
340 71	12 U	725	525
340 72	16 U	725	725

## ■ VDI chassis fixing centres

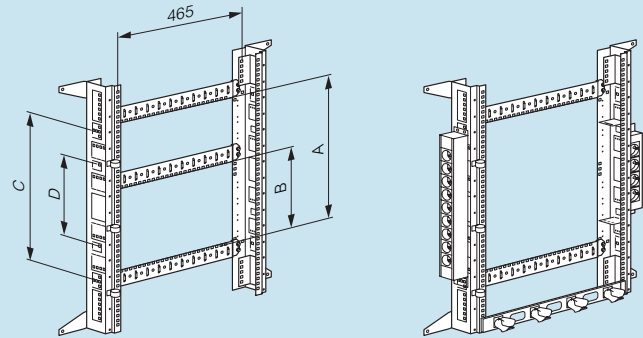
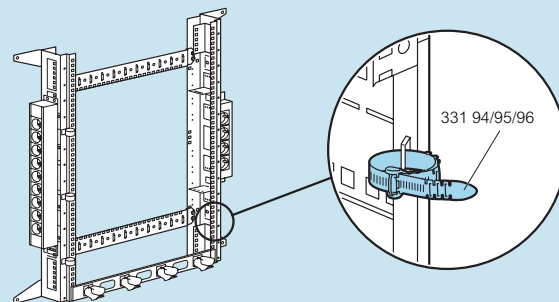


Fig: 16 U chassis Cat.No 340 72 + Cat.No 332 56 + 329 87 + 332 36

Cat.Nos	Capacity	A (mm)	B (mm)	C (mm)	D (mm)
340 70	6 U	-	265	-	265
340 71	12 U	465	265	465	265
340 72	16 U	465	265	465	265

## ■ Cable management

Cable ties and ties with tightening indicators for fixing on supports for holding for cables (Cat.Nos 340 78/80) and VDI chassis



# XL VDI 19" freestanding cabinets

## General characteristics

Extendable metal cabinets  
 Textured polyester coating RAL 9002 providing excellent corrosion and scratch resistance  
 Front door made of safety glass  
 Protection class against solid bodies and liquids: IP 20  
 Protection class against mechanical impact: IK 08  
 Max. load: 10 kg/U (i.e. 420 kg for a 42 U cabinet)  
 500 kg for 42 U server cabinet

## Conformity to standards

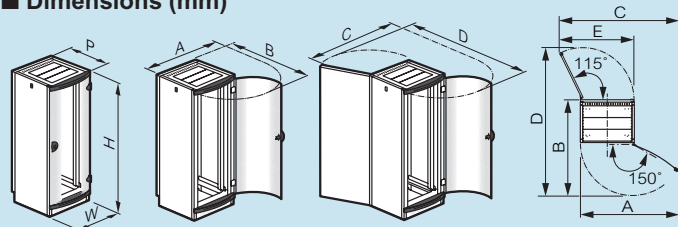
The XL VDI 19" cabinets are in accordance with the following standards:

<b>IEC 60529</b> <b>EN 60529</b>	Degrees of protection provided by enclosures (IP code)
<b>IEC 62262</b> <b>EN 62262</b>	Degrees of protection provided by enclosures for electrical equipment against external mechanical impact (IK code)
<b>IEC 60950-1</b> <b>EN 60950-1</b> <b>C 77-210-1</b>	Information technology equipment - Safety
<b>EIA-310-D</b>	Cabinets, racks, panels and associated equipment (ANSI/EIA/310-D-1992)
<b>IEC 60297-1 &amp; 2</b> <b>DIN 41414-7</b>	Dimensions of mechanical structures of the 482.6 mm (19") series
<b>IEC 60917-1</b> <b>EN 60917-1</b>	Modular order for the development of mechanical structures for electronic equipment practices
<b>IEC 60917-2-1</b> <b>EN 60917-2-1</b>	Modular order for the development of mechanical structures for electronic equipment practices. Interface co-ordination dimensions for the 25 mm equipment practice (dimensions for cabinets and racks)

The XL VDI 19" cabinets are designed to be integrated in installations that are in accordance with the following standards:

<b>EN 50173-1</b>	Information technology - Generic cabling systems
<b>EN 50174-1 &amp; 2</b> <b>C 90-480-1 &amp; 2</b>	Information technology - Cabling installation
<b>ISO IEC 11801</b>	Information technology - Generic cabling for customers premises
<b>NF C 15-100</b> <b>Part 4-41</b>	Low voltage electrical installations

## Dimensions (mm)

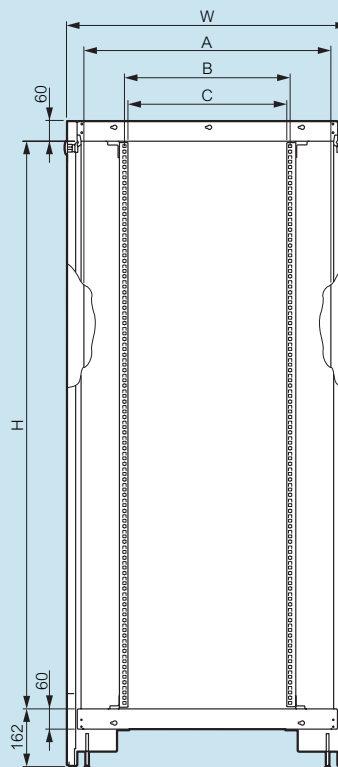


Cat.Nos	H <sup>(1)</sup>	W	P	Front door open		Front & back doors open		
				A	B	C	D	E
<b>332 18</b>	1308	610	687	1100	1248	1343	1820	843
<b>332 20</b>	1533							
<b>332 94</b>	1708							
<b>332 96/330 36</b>	2108	810	887	1470	1448	1795	2216	1125
<b>332 98/330 38</b>								
<b>332 97/330 37</b>								
<b>332 99/330 39</b>	2333	810	1087	1470	1648	1795	2416	1125
<b>332 01/330 41</b>								
<b>332 00/330 40</b>	2108						2616	

(1) Without levelling feet

## Front side dimensions (mm)

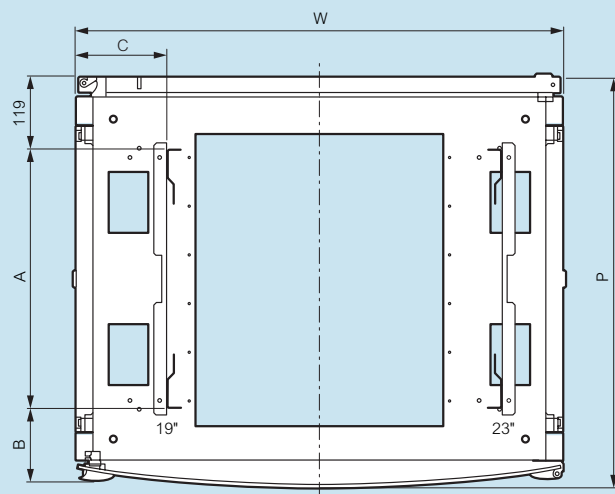
All cabinets are delivered in 19" configuration  
 For 800 mm wide cabinets, the position of the uprights may be modified to take 23" equipment



Cat.Nos	H	W	A	B	C
<b>332 18</b>	1080	600	500	465	451
<b>332 20</b>	1305				
<b>332 94</b>	1480				
<b>332 96/97</b> <b>330 36/37</b> <b>332 98/99/00</b> <b>330 38/39/40</b>	1880	800	700	465	451
<b>332 01</b> <b>330 41</b>	2104				

## XL VDI 19" freestanding cabinets (continued)

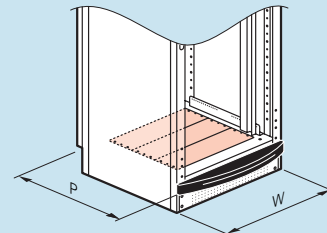
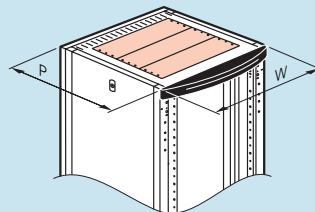
### ■ Top view dimensions (mm)



Cat.Nos	W	P	A	B	C
332 18/20/94/96 330 36	600	687	425	104	47
332 97 330 37	600	887	625		
332 98 330 38	800	687	425	115	147
332 99/01 330 39/41	800	887	625		
332 00 330 40	800	1087	825		

Adjustments of dimension A in 12.5 mm steps  
 - A max. = A + 50 mm  
 - Front and back adjusted independently

### ■ Cable entry plates (mm)



#### Top plates

	W. 600	W. 800
	plates 444 x 159	plates 737 x 174
P. 600		
P. 800		
P. 1000	-	

#### Bottom plates

	W. 600	W. 800
	plates 444 x 159	plates 444 x 159
P. 600		
P. 800		
P. 1000	-	

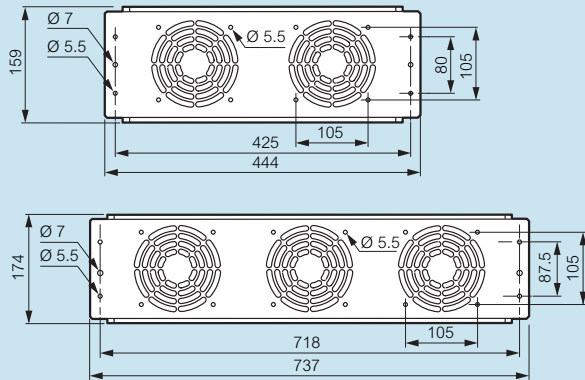
### ■ Weight (kg)

The weights given are net weights (excluding packaging)

Cat.Nos	Standard cabinet	Extension cabinet
332 18	65	-
332 20	75	-
332 94	86	-
332 96/330 36 (ext)	102	74
332 97/330 37 (ext)	122	87
332 98/330 38 (ext)	121	93
332 99/330 39 (ext)	141	107
332 00/330 40 (ext)	160	134
332 01/330 41 (ext)	156	120

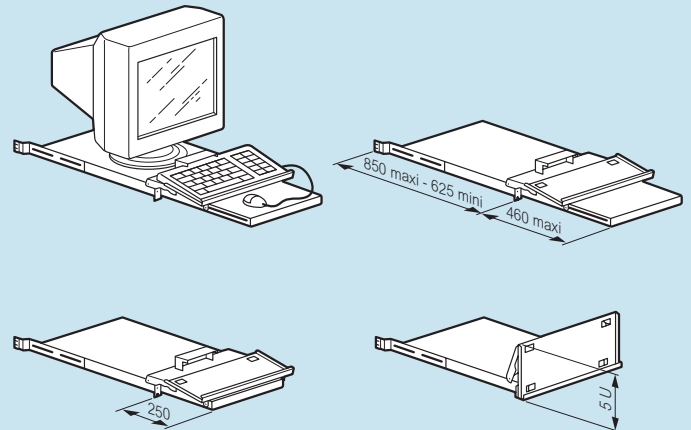
## XL VDI 19" freestanding cabinets (continued)

### ■ Fan plates (mm)

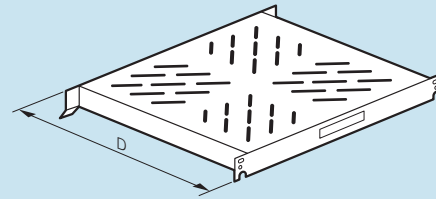


Cat.Nos	Ventilation area		
	Number of fans	Cross-section (cm <sup>2</sup> )	Flow rate (m <sup>3</sup> /h)
348 19	2	114	190
348 20	3	172	285

### ■ Keyboard support shelf (mm)



### ■ Shelves (mm)



Cat.Nos	D (depth)
332 40	115
329 48 <sup>(1)</sup>	120
332 25	250
332 28	300
329 49	425
329 50	625
329 56	822
329 51	440
329 52	640
329 57	640

(1) Mounting distance 265 mm