



## The baying system PS 4000 from Rittal



- **The special profile!** Maximum stability with minimum cross section
- **Strong strength** by 9-fold profile
- **Universal assembly** provided by a system of holes in a 25 mm grid
- **Faster, simpler** with screws, threaded blocks and captive nuts
- **Top quality at low cost** due to standardised production in large batches

# Strong and intelligent

## Design and technology customised to meet your needs

Top quality and economy characterise the PS system.

The profile is one of the core features of our successful concepts. It offers **top quality combined with a maxi-**

**mum useful internal space, unlimited assembly** due to

24 rows of holes in a 25 mm grid, **no need for manual**

**machining** due to approx. 1000 square and 1000 round

holes (for medium sized enclosures) as well as 144 tapped

holes at corners where assembly work is mostly required.

**Internationally acknowledged approvals**, product certifications according to worldwide standards and comprehensive tests at our own test laboratories **guarantee for top product quality** – for you to be on the safe side.



Eight plug-in corner connectors and additional welding provide for **strong connections**.

18 tapped holes in each corner provide for **direct attachment** of the mounting plate, of swing frame, cable clamp rails or baying brackets.

The surface is **well protected by** nano-ceramic coating, dipcoat priming followed by powder coating.

Section through the vertical profile (top) and the door with the tubular door frame. **Stability and high protection category** are provided by the profile and the labyrinth seal.

Maximum sizes of orifices and two rows of holes in all twelve profiles provide for **free access** from all sides for **universal installation**.





Identical  
the roof and base frame

Quick assembly –  
just locate and fix it

Diversity  
is offered by groove and  
assembly systems.

At any point within the  
room an attachment point  
can be implemented.



PS 4000  
Technology which has  
your solution.



# Baying systems PS 4000



**Material:**

Sheet steel  
Enclosure frame: 9-fold profile  
Door: 2.0 mm  
Rear panel: 1.5 mm  
Mounting plate: 3.0 mm  
Gland plate: 1.5 mm

**Surface finish**

Enclosure frame & bottom cover:  
Dipcoat primed in RAL 7035  
Door, side panel, top cover,  
rear panel & roof plate internal are  
dipcoat primed in RAL 7035 &  
powder coated on the external  
surface in textured RAL 7035  
Mounting plate & Gland plate:  
Zinc-plated

**Supply includes:**

Enclosure frame with door(s),  
removable rear panel and roof  
plate, r/h door hinge, can be  
changed to opposite side,  
Lockable door on right,  
4 eyebolts, fitted, mounting plate,  
three-part gland plates, depth  
stay as shipping brace.

**Protection category:**

IP 55 to EN 60 529/10.91  
Complies with NEMA 12.

Article No.	Size in mm W x H x D
PS 4604500	600x2000x400
PS 4604501	600x2000x400
PS 4604510	600x2000x400
PS 4604511	600x2000x400
PS 4604521	600x2000x400
PS 4605500	600x2000x500
PS 4605501	600x2000x500
PS 4605510	600x2000x500
PS 4605511	600x2000x500
PS 4605521	600x2000x500
PS 4606500	600x2000x600
PS 4606501	600x2000x600
PS 4606510	600x2000x600
PS 4606511	600x2000x600
PS 4606521	600x2000x600
PS 4608500	600x2000x800
PS 4608501	600x2000x800
PS 4608510	600x2000x800
PS 4608511	600x2000x800
PS 4608521	600x2000x800
PS 4626500	600x2200x600
PS 4626501	600x2200x600
PS 4626510	600x2200x600
PS 4626511	600x2200x600
PS 4626521	600x2200x600
PS 4684500	600x1800x400
PS 4684501	600x1800x400
PS 4684510	600x1800x400
PS 4684511	600x1800x400

Article No.	Size in mm W x H x D
PS 4684521	600x1800x400
PS 4685500	600x1800x500
PS 4685501	600x1800x500
PS 4685510	600x1800x500
PS 4685511	600x1800x500
PS 4685521	600x1800x500
PS 4686500	600x1800x600
PS 4686501	600x1800x600
PS 4686510	600x1800x600
PS 4686511	600x1800x600
PS 4686521	600x1800x600
PS 4804500	800x2000x400
PS 4804501	800x2000x400
PS 4804510	800x2000x400
PS 4804511	800x2000x400
PS 4804521	800x2000x400
PS 4805500	800x2000x500
PS 4805501	800x2000x500
PS 4805510	800x2000x500
PS 4805511	800x2000x500
PS 4805521	800x2000x500
PS 4806500	800x2000x600
PS 4806501	800x2000x600
PS 4806510	800x2000x600
PS 4806511	800x2000x600
PS 4806521	800x2000x600
PS 4808500	800x2000x800
PS 4808501	800x2000x800
PS 4808510	800x2000x800

Article No.	Size in mm W x H x D
PS 4808511	800x2000x800
PS 4808521	800x2000x800
PS 4826500	800x2200x600
PS 4826501	800x2200x600
PS 4826510	800x2200x600
PS 4826511	800x2200x600
PS 4826521	800x2200x600
PS 4884500	800x1800x400
PS 4884501	800x1800x400
PS 4884510	800x1800x400
PS 4884511	800x1800x400
PS 4884521	800x1800x400
PS 4885500	800x1800x500
PS 4885501	800x1800x500
PS 4885510	800x1800x500
PS 4885511	800x1800x500
PS 4885521	800x1800x500
PS 4886500	800x1800x600
PS 4886501	800x1800x600
PS 4886510	800x1800x600
PS 4886511	800x1800x600
PS 4886521	800x1800x600
PS 4888500	800x1800x800
PS 4888501	800x1800x800
PS 4888510	800x1800x800
PS 4888511	800x1800x800
PS 4888521	800x1800x800

# Baying systems PS 4000



## Material:

Sheet steel  
Enclosure frame: 9-fold profile  
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Rear panel: 1.5 mm  
Mounting plate: 3.0 mm  
Gland plate: 1.5 mm

## Surface finish

Enclosure frame  
Dipcoat primed in RAL 7035  
Door, side panel, top cover,  
rear panel & roof plate internal are  
dipcoat primed in RAL 7035 &  
powder coated on the external  
surface in textured RAL 7035  
Mounting plate & Gland plate:  
Zinc-plated

## Supply includes:

Enclosure frame with door(s),  
removable rear panel and roof  
plate, r/h door hinge, can be  
changed to opposite side,  
Lockable door on right,  
4 eyebolts, fitted, mounting plate,  
three-part gland plates, depth  
stay as shipping brace.

## Protection category:

IP 55 to EN 60 529/10.91  
Complies with NEMA 12.

Article No.	Size in mm W x H x D
PS 4005500	1000x2000x500
PS 4005501	1000x2000x500
PS 4005510	1000x2000x500
PS 4005511	1000x2000x500
PS 4005521	1000x2000x500
PS 4006500	1000x2000x600
PS 4006501	1000x2000x600
PS 4006510	1000x2000x600
PS 4006511	1000x2000x600
PS 4006521	1000x2000x600
PS 4008500	1000x2000x800
PS 4008501	1000x2000x800
PS 4008510	1000x2000x800
PS 4008511	1000x2000x800
PS 4008521	1000x2000x800
PS 4084500	1000x1800x400
PS 4084501	1000x1800x400
PS 4084510	1000x1800x400
PS 4084511	1000x1800x400
PS 4084521	1000x1800x400
PS 4086500	1000x1800x600
PS 4086501	1000x1800x600
PS 4086510	1000x1800x600
PS 4086511	1000x1800x600
PS 4086521	1000x1800x600
PS 4204521	1200x2000x400
PS 4204501	1200x2000x400
PS 4204510	1200x2000x400
PS 4204511	1200x2000x400

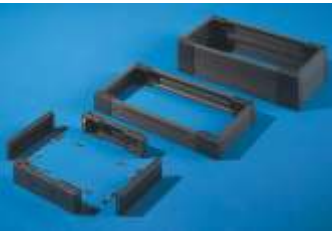
Article No.	Size in mm W x H x D
PS 4204521	1200x2000x400
PS 4205500	1200x2000x500
PS 4205501	1200x2000x500
PS 4205510	1200x2000x500
PS 4205511	1200x2000x500
PS 4205521	1200x2000x500
PS 4206500	1200x2000x600
PS 4206501	1200x2000x600
PS 4206510	1200x2000x600
PS 4206511	1200x2000x600
PS 4206521	1200x2000x600
PS 4208500	1200x2000x800
PS 4208501	1200x2000x800
PS 4208510	1200x2000x800
PS 4208511	1200x2000x800
PS 4208521	1200x2000x800
PS 4226500	1200x2200x600
PS 4226501	1200x2200x600
PS 4226510	1200x2200x600
PS 4226511	1200x2200x600
PS 4226521	1200x2200x600
PS 4228500	1200x2200x800
PS 4228501	1200x2200x800
PS 4228510	1200x2200x800
PS 4228511	1200x2200x800
PS 4228521	1200x2200x800
PS 4284500	1200x1800x400
PS 4284501	1200x1800x400
PS 4284510	1200x1800x400

Article No.	Size in mm W x H x D
PS 4284511	1200x1800x400
PS 4284521	1200x1800x400
PS 4285500	1200x1800x500
PS 4285501	1200x1800x500
PS 4285510	1200x1800x500
PS 4285511	1200x1800x500
PS 4285521	1200x1800x500

## Description (With respect to the last 3 digits):

- 500: Enclosure frame with front door, rear panel, roof plate, removable right hand door hinge, can be changed to opposite side four eyebolts fitted, 3 part gland plates and one mounting plate
- 501: Enclosure frame with front and rear door, roof plate, removable right hand door hinge, can be changed to opposite side four eyebolts fitted, 3 part gland plates and one mounting plate
- 510: Enclosure frame with front door, rear panel, roof plate, removable right hand door hinge, can be changed to opposite side four eyebolts fitted, 3 part gland plates and without mounting plate.
- 511: Enclosure frame with front and rear door, roof plate, removable right hand door hinge, can be changed to opposite side four eyebolts fitted, 3 part gland plates and without mounting plate
- 521: Enclosure frame with front and rear door, roof plate, removable right hand door hinge, can be changed to opposite side four eyebolts fitted, 3 part gland plates and two mounting plate





Base/plinth, complete

For enclosures		Model No. SO	
Width (mm)	Depth (mm)	100 mm high	200 mm high
400	500	2873.200	2874.200
400	600	2883.200	2884.200
600	400	2804.200	2805.200
600	500	2807.200	2808.200
600	600	2813.200	2814.200
600	800	2846.200	2847.200
800	400	2823.200	2824.200
800	500	2829.200	2830.200
800	600	2833.200	2834.200

For enclosures		Model No. SO	
Width (mm)	Depth (mm)	100 mm high	200 mm high
800	800	2848.200	2849.200
1000	400	2909.200	2910.200
1000	500	2914.200	2915.200
1000	600	2916.200	2917.200
1200	400	2836.200	2837.200
1200	500	2839.200	2840.200
1200	600	2844.200	2845.200
1200	800	2853.200	2854.200



Baying accesories

	Packs of	Model No. PS
Baying kit	6	4580.000
Baying brackets	4	4582.000
Quick-fit baying clamp	6	4581.000
Baying attachment	6 pairs	4584.000



Cable entry plates

Enclosure width (mm)	Cutouts per plate	Packs of <sup>1)</sup>	Model No. PS
600	5	2	4320.700
800	8	2	4321.700
1000	10	2	4323.700
1200	6	4	4325.700

<sup>1)</sup> compensating panel included



Cable entry grommets

Cables per grommet	max. Ø mm	Packs of	Model No. PS
8	13	25	4316.000
3	21	25	4317.000
1	47	25	4318.000

Connector grommets

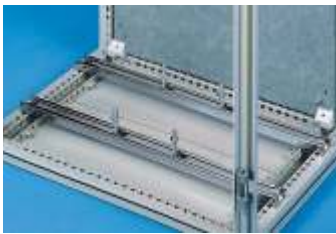
Packs of	Model No. PS
10	4311.000

not illustrated



Cable clamp rails  
(right angle section)

Enclosure width (mm)	Length (mm)	Packs of	Model No. PS
400	390	2	4193.000
600	590	2	4191.000
800	790	2	4192.000
1000	990	2	4336.000
1200	1190	2	4196.000



System support rails

Enclosure width (mm)	Packs of	Model No. PS
600	2	4361.000
800	2	4362.000
1000	2	4347.000
1200	2	4363.000



Side panels

For enclosures		Model No.
Height (mm)	Depth (mm)	
1800	400	PS 4184235
1800	500	PS 4185235
1800	600	PS 4186235
1800	800	PS 4188235
2000	400	PS 4104235
2000	500	PS 4105235

For enclosures		Model No.
Height (mm)	Depth (mm)	
2000	600	PS 4106235
2000	800	PS 4108235
2200	400	PS 4124235
2200	500	PS 4125235
2200	600	PS 4126235
2200	800	PS 4128235



Wiring plan pockets  
of sheet steel

For door width (mm)	Clearance opening in mm			Model No. PS
	W	H	D	
400	255	260	90	4114.000
500	355	260	90	4115.000
600	455	260	90	4116.000
800	655	260	90	4118.000
900	755	260	90	4123.000
1000	855	260	90	4124.000



Lock and  
push-button inserts

Version	Model No. SZ
Lock insert, lock no. 3524 E	2467.000
Push-button insert	2468.000
Lock and push-button insert, lock no. 2123; no other lock is possible	2469.000



Ergoform standard

Version	Model No. SZ
RAL 7032 with brown handle	2450.000
Brown	2451.000
RAL 7032	2454.000
RAL 7035	2435.000
RAL 7032 <sup>1)</sup> with brown handle and bracket	2455.000

<sup>1)</sup> Hole diameter = 7 mm for padlock or multiple latch



Rittal has one of the largest ranges of enclosures available for immediate delivery. However, Rittal also supplies integrated solutions – up to Level 4. This comprises mechanical installation, power supply, electronic components, climate control and central monitoring. For all of your requirements. Fully assembled and functional. Wherever in the world you develop and implement solutions for yourself and your customers, we are close at hand. The global alliance between production, distribution and service guarantees customer. Worldwide!

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**Switch to perfection** **RITTAL**