

Rittal – The System.

Faster – better – everywhere.

► Semi Knock-down Modular Enclosures



- Modular structure semi knock-down type
- International 9 fold rolled hollow frame PS construction on site
- High load carrying capacity up to 600 kg
- Easy to assemble and dismantle at site
- Bayable and Scalable
- Extensive range of accessories
- Complies to EIA 310 and IEC 297 standards

ENCLOSURES

POWER DISTRIBUTION

CLIMATE CONTROL

IT INFRASTRUCTURE

SOFTWARE & SERVICES

FRIEDHELM LOH GROUP



Semi Knock-down Modular Enclosures for network & server applications

The Rittal freestanding server cabinets are based on Rittal's patented PS series technology, featuring a standard installation hole system for maximum space utilization. The cabinet's rugged construction offers the highest stability as well as high-load bearing capacity of 750 kg.

The PS server is one of the most cost effective and versatile solutions in the market today.

Supply includes:

- Enclosure frame with top and bottom cover
- Front / rear, L-Shaped 19" mounting angles

Note:

Please select article number for other components as per requirement. e.g. doors & accessories

Technical specification

Basic structure:

- Sturdy frame section construction, consisting of 9 fold rolled hollow frame section punched in 25 mm DIN pitch pattern
- Stiffened corner with bolted MS die-cast, Copper coated, corner connectors
- Removable top & bottom cover with cable entry provision
- Modular, bayable and scalable frame
- Safe load carrying capacity of 750 kg on enclosure frame and 600 kg on 19" mounting angles

Glass door:

- Sheet Steel with 4 mm thick toughened safety glass

Perforated doors:

- Sheet Steel up to 68% perforation
- Rod-type 3 point lock system and double-bit inserts to DIN 43668 (option of Ergo form handle), (with single door: hinge fitting r / h or l / h freely selectable on site) or single point locking system with lock and key
- Hinges with captive hinge pins
- Door-opening angle 130° to VDI, can be retrofitted for 180°

19" Angles:

- Painted with U markings
- Mounted on installation bracket for stability and strength

Roof panel:

- Removable type
- Cable entry provision with cut-outs for mounting fan expansion kit

Surface finish:

- Nano coated, electro-dipcoat primed to 20 microns and powder coated with textured polyester RAL 7035 / 9005 to 80 to 120 microns

Side panels:

- Sheet Steel
- Screw fixing
- Parts have been prepared for the attachment of earth straps

Approvals

Complies to EIA 310 and IEC 297 standards

U		42	42	42	42	42	42
Width		600	600	600	800	800	800
Height		2000	2000	2000	2000	2000	2000
Depth		800	1000	1200	800	1000	1200
Model No. for	9005	9791541	9791542	9791543	9791544	9791545	9791546
Roof							
Top cover with fixed and slidable gland plate at rear and centralised cut-out with cover plate with 4 cut-out of dia 112 for fixing fans		■	■	■	■	■	■
230V. AC, 90 cfm fan (pack of 4) fully wired. Select as required		9788332	9788332	9788332	9788332	9788332	9788332
230V.AC, 90 cfm fan (pack of 2) fully wired. Select as required		9788331	9788331	9788331	9788331	9788331	9788331
Base							
Bottom : Bottom cover with fixed and slidable gland plate at rear for cable entry		■	■	■	■	■	■
Heavy duty castors (pack of 4)		7825900	7825900	7825900	7825900	7825900	7825900
Castor wheels with brake (supplied 1 no.), required 2 nos. per rack*		9787240 *	9787240 *	9787240 *	9787240 *	9787240 *	9787240 *
Castor wheels without brake (supplied 1 no.), required 2 nos. per rack*		9787241 *	9787241 *	9787241 *	9787241 *	9787241 *	9787241 *
Levelling feet (pack of 4)		9788646	9788646	9788646	9788646	9788646	9788646
* Normal castor, 2 nos. of 9787240 & 2 nos. of 9787241 are required for each rack. Installed in the rack							
Interior Installation:							
2 pairs, 42 U 19" L type angle front & rear on 2 punched section		■	■	■	—	—	—
2 pairs, 42 U 19" L type angle, front & rear, on vertical cable trough (LH & RH) 2 pair, on 2 pair installation bracket on 2 punched section		—	—	—	■	■	■
Doors (Front / Rear)							
Sheet Steel glazed door with single point locking system. (pack of 1)	9005	9790222	9790222	9790222	9791547	9791547	9791547
Perforated door with single point locking system. (pack of 1)	9005	9791549	9791549	9791549	9791548	9791548	9791548
Perforated double door with 3 point locking system. (pack of 1)	9005	9788321	9788321	9788321	9788322	9788322	9788322

Side Panels							
Side panels screw fixed type (pack of 2)	9005	9790348	9790349	9790350	9790348	9790349	9790350
Side panels screw lockable type (pack of 2)	9005	9790223	9791550	9791551	9790223	9791550	9791551
Accessories							
Socket Outlets							
Socket strip 5A, 12 sockets, vertical mounting	9005	9788643	9788643	9788643	9788643	9788643	9788643
Socket strip 10 sockets, 5 / 15A 42U, vertical mounting	9005	9788640	9788640	9788640	9788640	9788640	9788640
IEC socket strip 19" mounted with 9 IEC C13 sockets	9005	9788645	9788645	9788645	9788645	9788645	9788645
Socket strip 5A, 19" mounted with 6 sockets	7035	9787013	9787013	9787013	9787013	9787013	9787013
"Vertical PDU with 16 nos. of IEC C13 sockets 4 nos. of C19 sockets with 32A MCB"	9005	9790749	9790749	9790749	9790749	9790749	9790749
Blanking Panels							
Blanking panel 1 U (pack of 2)	9005	9788189	9788189	9788189	9788189	9788189	9788189
Blanking panel 2 U (pack of 2)	9005	9788190	9788190	9788190	9788190	9788190	9788190
Component Shelves							
Component shelf 720 mm deep For 900 / 1000 mm deep server rack	9005	—	9788180	9788180	—	9788180	9788180
Component shelf 500 mm deep for 600 / 800 mm deep network rack with Installation Bracket	9005	9788176	9788176	9788176	9788176	9788176	9788176
	541 & 741	9787929	9789411	9789411	9787929	9789411	9789411
U		42	42	42	42	42	42
Width		600	600	600	800	800	800
Height		2000	2000	2000	2000	2000	2000
Depth		800	1000	1200	800	1000	1200
Article No.	9005	9791541	9791542	9791543	9791544	9791545	9791546
Keyboard Drawer							
Keyboard tray for server rack with brackets for 500 mm depth (All 4 articles required for key board drawer)	9005	9788176	9788176	9788176	9788176	9788176	9788176
		7081000	7081000	7081000	7081000	7081000	7081000
		3636010	3636010	3636010	3636010	3636010	3636010
		9787929	9789411	9789411	9787929	9789411	9789411
Cable Management							
1U 19" Horizontal cable manager	Plated	9788051	9788051	9788051	9788051	9788051	9788051
	9005	9788183	9788183	9788183	9788183	9788183	9788183
Metal shunting rings - 90 mm x 60 mm (pack of 10)		9789404	9789404	9789404	9789404	9789404	9789404
Miscellaneous Accessories							
m6 captive nuts (pack of 50)		2092200	2092200	2092200	2092200	2092200	2092200
Captive hardware (pack of 20)		9787244	9787244	9787244	9787244	9787244	9787244
Philiphs m6 screws (pack of 50)		7094100	7094100	7094100	7094100	7094100	7094100
Earth straps, 4 sqm, 170 mm in length (pack of 5)		2564000	2564000	2564000	2564000	2564000	2564000
Earth straps, 4 sqm, 300 mm in length (pack of 5)		9790766	9790766	9790766	9790766	9790766	9790766
Cu earth rail 15 x 3 x 500 with 10 points with screws and insulators		9788199	9788199	9788199	9788199	9788199	9788199
Earth rail 15 x 5 x 450 with 20 points		7113000	7113000	7113000	7113000	7113000	7113000
Baying kit (pack of 6)		4580000	4580000	4580000	4580000	4580000	4580000
Angular baying brackets (pack of 4)		4582000	4582000	4582000	4582000	4582000	4582000

Note: ■ Included with the supply
These specified article numbers must be selected separately and quoted accordingly

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- Enclosures
- Power Distribution
- Climate Control
- IT Infrastructure
- Software & Services

Authorized Channel Partner.

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