Product Information

Szafa 4DC cabinet, 49U (47U), 800/1200/22225, single leaf front door, double leaf back door,

without side walls, RAL 9005

Card Number: PI_110S4780123400.3S1_01.26

* sample photo

Standards

PN-EN 60297-3-100, PN-EN IEC 60917-1, PN-EN 60917-2-1, PN-EN 60917-2-5, ETSI EN 300 119-3 V2.2.2 EIA/ECA-310-E, PN-EN 50310, PN-EN50310/A1, PN-EN 60529, PN-EN ISO 3834-2, RoHS 2011/65/EU

Application

In data centers, server rooms, distribution points, and telecommunications hubs. 4DC server cabinets are highly perforated enclosures designed for indoor use, in spaces designed to absorb heat from server cabinets, and in clean environments.

Product characteristics

- Cabinets manufactured in accordance with the ISO9001 and ISO14001 quality systems.
- The sturdy frame is welded in accordance with DIN EN ISO 3834-2, as confirmed by a certificate.
- Equipped with a copper grounding strip.
- All disconnectable components have grounding cables.
- Two pairs of galvanized 19" mounting profiles (extended by 2U) with permanent mounting height markings (in U units) marked in both directions are standard.
- Two pairs of galvanized horizontal longitudinal crossbars are standard.
- Additional space at the top and bottom of the cabinet (2x 1U) for fixed devices is provided thanks to the new mounting profile design.
- Two pairs of galvanized horizontal longitudinal crossbars are standard.
- 19" profiles can be moved forward or backward in 25 mm increments. The crossbeams with profiles can be extended to achieve a 21" spacing, in accordance with ETSI EN 300 119-3.
- Perforated front and rear doors.
- Four-point locking system on single-leaf doors and three-point locking system on double-leaf doors.
- ML201 mechanical handles (upgradable to the AL201 electronic version) with 2432E inserts.

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Product characteristics

- Powder coating ensures durability of the paint finish.
- The doors are designed for cable management and the installation of access control system components.
- The door can be reversibly opened (left/right).
- The door opens to 180°.
- Four cable glands (2x 2U + 2x 4U) are provided for breaking out the roof.
- Side panels can be installed.
- DIN 25 frame openings allow for the installation of additional accessories, such as power strip brackets, cable ladders, cable holders, etc.
- A vertical PDU or other accessory can be mounted between the 19" profile and the side panel.
- The cabinet is suitable for creating a cold/hot aisle configuration.
- Four leveling feet within an 18 mm range are standard.
- Two 1U filler plates are standard.

Technical data

Parameter	Unit	Value
Design	type	welded
Material	type	steel sheet
Width	mm	800
Depth	mm	1200
Installation height	U	49
Mounting height in frame clearance	U	47
Total height (feet screwed in at maximum)	mm	2225
Height without feet	mm	2207
Foot adjustment range	mm	18-36
Side walls	pcs	no
Front door	type	single-leaf, perforated
Rear door	type	double-leaf, perforated
Front closing system	type	four-point lock
Rear locking system	type	three-point lock
Perforation (open surface area)	%	>80
Load capacity	kg	1500
IP protection class	IP	20

Variant

Type	Width [mm]	Depth [mm]	Height [mm]	Index
49U (47U)	800	1200	2225 ±2	110S4780123400.3S1

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Optional accessories

Index	Name
110EA22119111.3	BKT 19" filling plate, 1U, BKT logo, tool-free assembly - RAL 9005 (semi-matte)
110EA22219111.3	BKT 19" filling plate, 2U, BKT logo, tool-free assembly - RAL 9005 (semi-matte)
110EA22319111.3	BKT 19" filling plate, 3U, BKT logo, tool-free assembly - RAL 9005 (semi-matte)
110EA22619111.3	BKT 19" filling plate, 6U, BKT logo, tool-free assembly - RAL 9005 (semi-matte)
110EA23119.3	BKT 19" brush cable gland, 1U - RAL 9005 (semi-matt)
110EA23219.3	BKT 19" brush cable gland, 2U - RAL 9005 (semi-matt)
110EA420.3	BKT 0U horizontal organizer (patch cabling support) - RAL 9005 (semi-matte)
110EA421101810.3	BKT 19" horizontal cable organizer, 1U, deepened, pass-through, combs 106 mm - RAL 9005 (semi-matte)
110EA421110010.3	BKT 19" horizontal cable organizer, 1U, non-pass-through, combs 106 mm - RAL 9005 (semi-matte)
110EA422101810.3	BKT 19" horizontal cable organizer, 2U, deepened, pass-through, combs 106 mm - RAL 9005 (semi-matte)
110EA422110010.3	BKT 19" horizontal cable organizer, 2U, non-pass-through, combs 106 mm - RAL 9005 (semi-matte)
111EA414722110.3	BKT 4DC vertical cable organizer, 47U, pass-through, 3x 2U holes, 106 mm combs - RAL 9005 (semi-matte)
111EA414721110.3	BKT 4DC vertical cable organizer, 47U, non-pass-through, 3x 2U holes, 106 mm combs - RAL 9005 (semi-matte)
111SA1801.3P	Set of horizontal cable trays for expanding single-piece doors in an 800mm wide cabinet with access control
111SA1802.3P	Set of horizontal cable trays for expanding duble-piece doors in an 800mm wide cabinet with access control
111SA200003.3	BKT 4DC horizontal cable ladder, for cabinets with a depth of 1200 mm
111SA247002.3	BKT 4DC vertical cable ladder, 47U
111SA200801.3	Brush air filling plate top/bottom BKT 4DC, for cabinets 800 mm wide - RAL 9005 (1 set = 2 pcs.)
111SA247800.3	BKT 4DC vertical cover, 47U, for 800 mm wide cabinets, 3x 1U holes - RAL 9005
111SA200247.3	Middle mounting profile BKT 4DC, 47U (2 pcs.)
111SA347121.3	One-piece side wall BKT 4DC, 47U, for cabinets with a depth of 1200 mm - RAL 9005
110SA118012.3	BKT 4DC plinth, for cabinets 800 mm wide and 1200 mm deep - RAL 9005
110SA128012.3	BKT 4DC cabinet base, for cabinets 800 mm wide and 1200 mm deep - RAL 9005
111SA200021.3	BKT 4DC cabinet connection kit - RAL 9005 (1 set)
111SA200080.3	Set of wheels for BKT 4DC cabinets, equipped with a leveling foot (load capacity up to 1000 kg)

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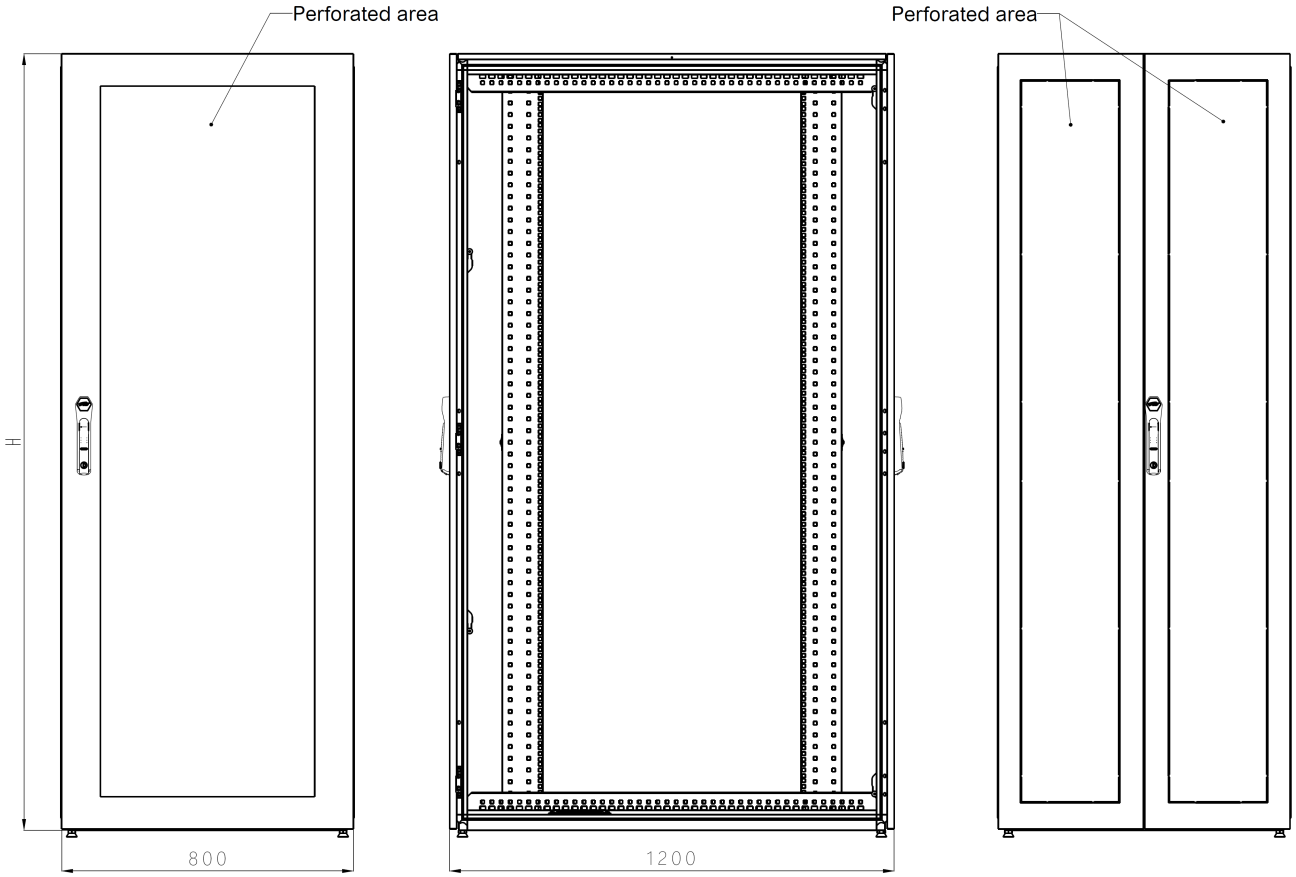
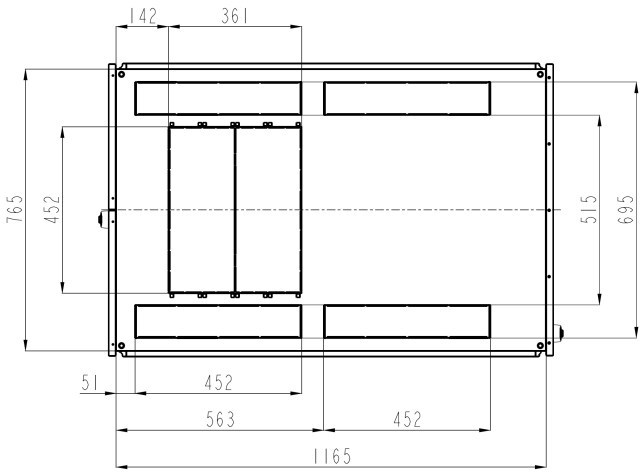
Design





Dimension A [mm]	Dimension B [mm]	Dimension H [mm]
800	1200	2207

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