

INDUSTRIAL ENCLOSURES



ZPAS
GROUP

solutions for connections



solutions for connections

ZPAS
GROUP

50 years of design, manufacturing and integration for industries

ZPAS milestones

- 2016 – opening of an electrical assembly plant with an area of 9 000 m² in Nowa Ruda at Piłsudskiego Street
- 2007 – opening of a production plant with an area 3 500 m² in Nowa Ruda at Górnicza Street
- 2007 – opening of a 10 000 m² serial production plant in Nowa Ruda – Słupiec
- 2003 – the Przygórze plant expanded with new production halls and automatic powder coating plant
- 1991 – transformation of the experimental plant into the Network Automation Manufacturing Plant (ZPAS) and privatization of the company – joint stock company established
- 1973 – the former steelworks “Barbara” and buildings of the Przygórze mine “Bolesław” become the seat for the Experimental Department of the Wrocław Power Systems Institute

ZPAS bases its development on investments in human potential and modern machinery. From a small experimental plant located in Przygórze, we have turned into a big company that employs 700 people in four production facilities.

The mission of ZPAS is to be a world leader in the production of ICT enclosures, data centers, industrial and outdoor cabinets. We are an innovative company that provides customers with comprehensive solutions from design to on site implementation.

We put our effort on getting the satisfaction of our customers, employees and suppliers. We care for the environment and the local community by supporting cultural, sports and social development institutions.

We build our success based on values that are important to us: respect, honesty, not-to-blame and uniqueness. In the goals we set for the company, we pay attention to employee satisfaction, teamwork, as well as productivity and profit. In 2023, we celebrate 50 years of our activity.

Piotr Baranowski
CEO of ZPAS S.A.

People power – the real engine of any business.
Good people are not just crucial to a business.
They are the business themselves!

Richard Branson



See the video:
zpas.pl/qr/f16

ZPAS PRODUCTION PLANTS



Przygórze
ZPAS S.A. Management Board Office, administration and design production plant



Nowa Ruda, Piłsudskiego Street
Manufacturing plant – electrical assembly



Nowa Ruda, Górnicza Street
Outdoor Enclosures Production Plant



Nowa Ruda – Słupiec, Spacerowa Street
Serial production plant and warehouse for finished products

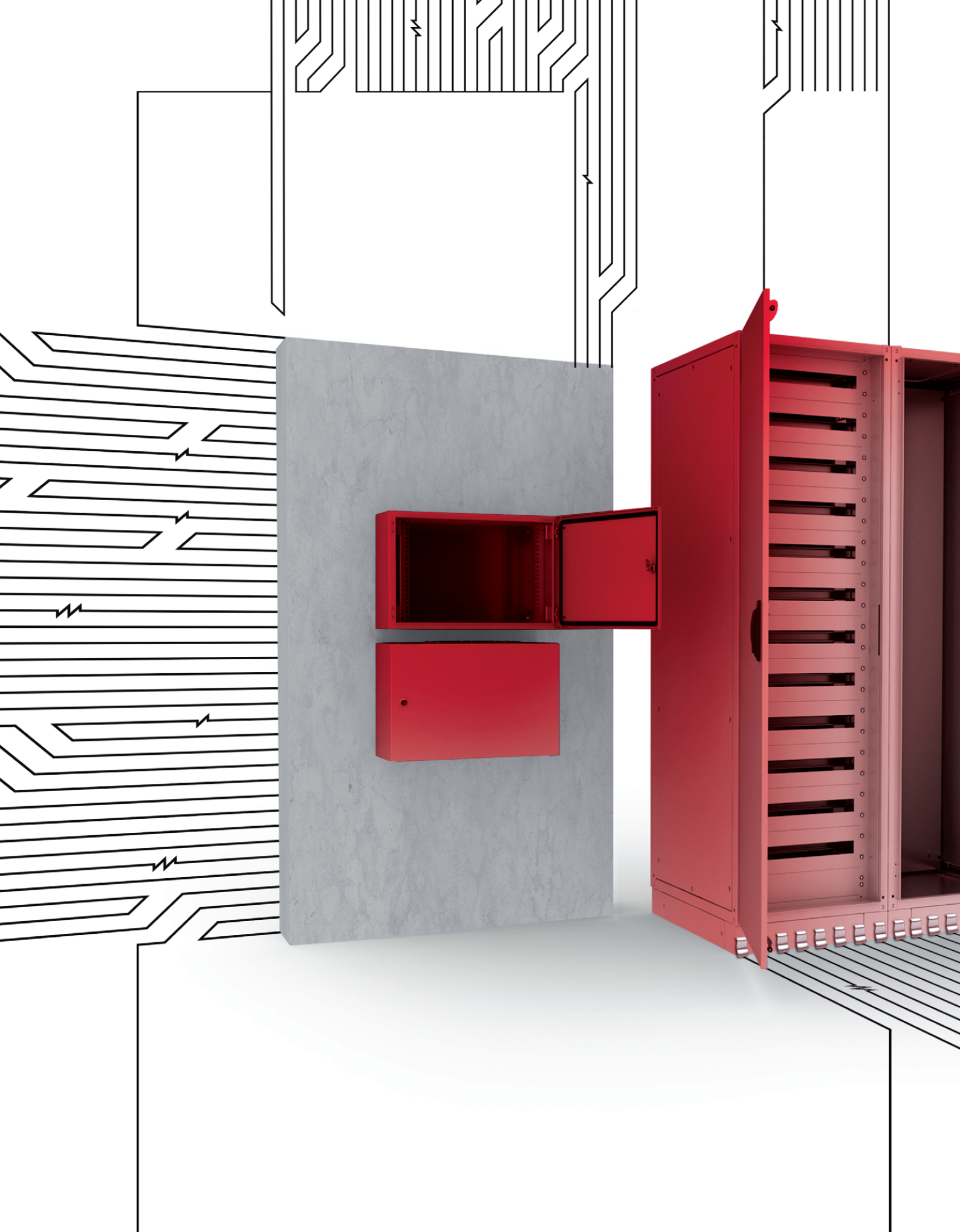


PRODUCTS AND SOLUTIONS



QUALITY AND ENVIRONMENTAL MANAGEMENT SYSTEM



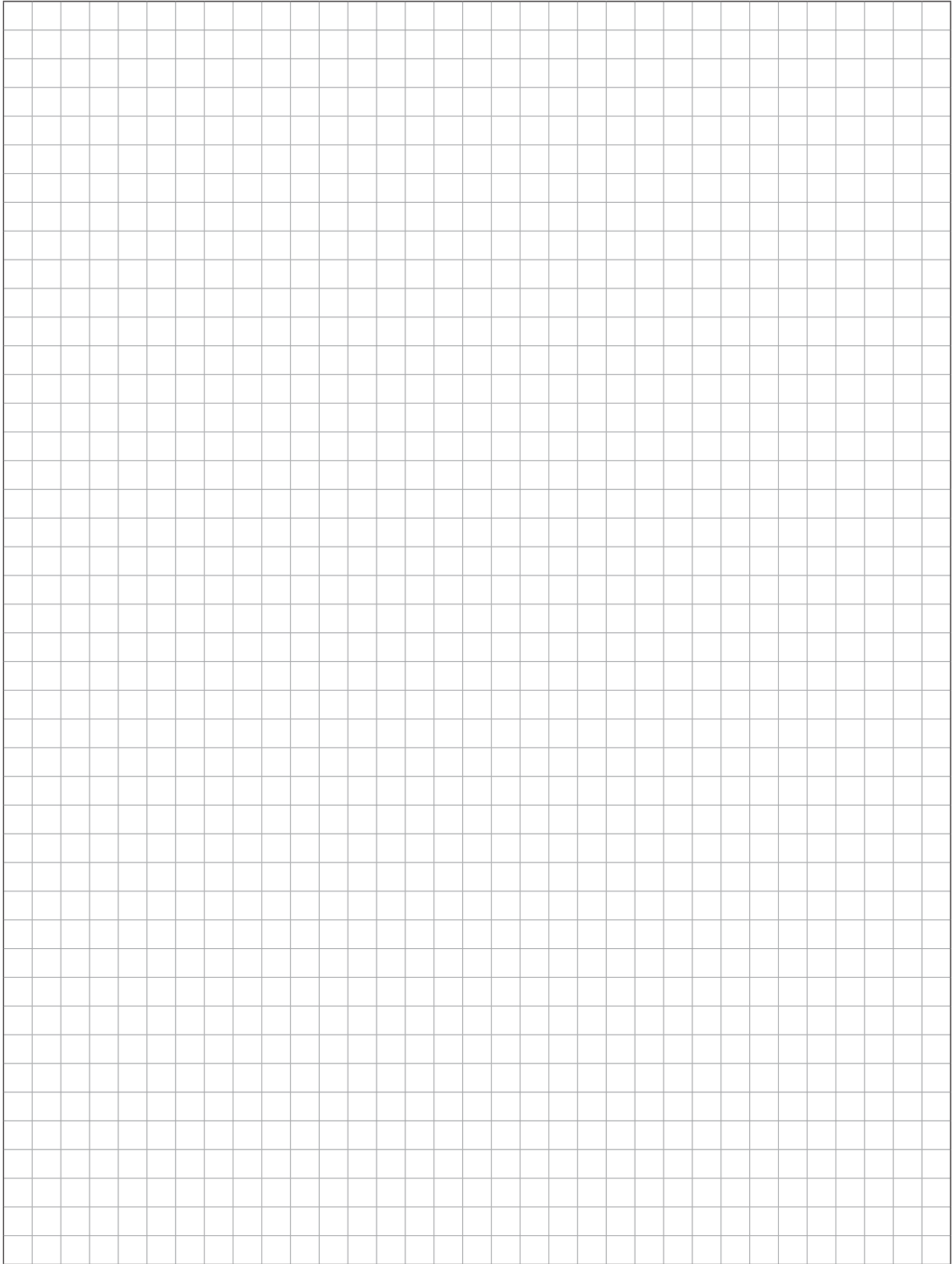


INDUSTRIAL ENCLOSURES



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SZE2 SYSTEM CABINETS



SZE2 SYSTEM CABINETS



SZE2 SYSTEM CABINETS

SZE2 SYSTEM CABINETS



Cabinet 600 mm wide including mounting plate, without side panels



Cabinet 800 mm wide including 19" swing frame



Cabinet 800 mm wide including 19" mounting profiles and plinth, without side panels

- Universal industrial cabinets designed for both outdoor and indoor applications.
- Design of the cabinet allows easy baying in rows.
- Manufactured in 26 standard dimensions according to the chart below.
- Cabinets of non-standard dimensions (e.g. with a height of **1800 mm**) or in stainless steel version can be manufactured on individual customer's request.

REFERENCE CHART

	Total width of the cabinet [mm]		Total depth of the cabinet [mm]	Height of the cabinet without plinth [mm]	
	with flushed side panels	with external side panels		2000	2200
				Catalogue numbers of cabinets in basic configuration	
Cabinets with single-leaf door	600	650	400	WZ-SZE2-2050-S10A-00-111-00-0-011	—
			500	WZ-SZE2-2012-S10A-00-111-00-0-011	WZ-SZE2-2212-S10A-00-111-00-0-011
			600	WZ-SZE2-2011-S10A-00-111-00-0-011	WZ-SZE2-2211-S10A-00-111-00-0-011
			800	WZ-SZE2-2010-S10A-00-111-00-0-011	WZ-SZE2-2210-S10A-00-111-00-0-011
	800	850	400	WZ-SZE2-2049-S10A-00-111-00-0-011	—
			500	WZ-SZE2-2009-S10A-00-111-00-0-011	WZ-SZE2-2209-S10A-00-111-00-0-011
			600	WZ-SZE2-2008-S10A-00-111-00-0-011	WZ-SZE2-2208-S10A-00-111-00-0-011
			800	WZ-SZE2-2007-S10A-00-111-00-0-011	WZ-SZE2-2207-S10A-00-111-00-0-011
Cabinets with double-leaf door	1000	1050	500	WZ-SZE2-2006-S10A-00-111-00-0-011	WZ-SZE2-2206-S10A-00-111-00-0-011
			600	WZ-SZE2-2005-S10A-00-111-00-0-011	WZ-SZE2-2205-S10A-00-111-00-0-011
			800	WZ-SZE2-2004-S10A-00-111-00-0-011	WZ-SZE2-2204-S10A-00-111-00-0-011
	1200	1250	500	WZ-SZE2-2003-S10A-00-111-00-0-011	WZ-SZE2-2203-S10A-00-111-00-0-011
			600	WZ-SZE2-2002-S10A-00-111-00-0-011	WZ-SZE2-2202-S10A-00-111-00-0-011
			800	WZ-SZE2-2001-S10A-00-111-00-0-011	WZ-SZE2-2201-S10A-00-111-00-0-011

SCOPE OF DELIVERY

Cabinet in basic configuration (nr kat. WZ-SZE2-.....-S10A-00-111-00-0-011) includes: cabinet's frame, front door with a lock that incl. double-bit insert (no handle), rear panel, mounting plate for the full height of the cabinet, blanking plates for cabinet's top plate, set of sliding gland plates for cabinet's bottom plate.

Side panels, plinth, roof, lifting eyes and other supplementary accessories should be ordered separately.

TECHNICAL DATA

Material

Sheet steel

Protection degree

IP 54 for cabinet in standard configuration, additionally equipped with side panels.

IP 55 for cabinet in standard configuration, additionally equipped with side panels and sealing set for bottom plate (see page 50).

In accordance with EN 60529.

Surface finishing

Cabinet's frame, doors, panels, roof, plinth – powder painted in RAL 7035 (epoxide-polyester paint of coarse-grained structure, applied for internal conditions). On customer's request, it is possible to use special paint with increased resistance to adverse weather conditions.

Mounting plate - zinc coated

Mounting bars - Al-Zn coated

On request, the frame, door, side panels, roof and the plinth can be made of stainless steel.

Maximum load capacity

1000 kg if equipment installed on the mounting plate,

1600 kg if equipment installed on a structure made of mounting bars fixed to the frame,

20 kg if equipment installed on doors,

150 kg if equipment installed on the swing frame.



SZE2 cabinets are UL certified

SYSTEM CABINETS

SZE2**CABINET DESIGN****Welded framework of the cabinet**

- Slotted side framework enables fixing a system of mounting rails or a mounting plate.
- The top plate of the frame is fitted with openings designed for cable entries or for mounting fan units. In the standard version, they are blinded with solid blanking plates.
- The bottom plate of the frame is fitted with one or two openings designed for cable entries. In the standard version, they are blinded with sliding gland plates.

Front door, rear panel

- Cabinets 1000 and 1200 mm wide are equipped with a double-leaf door, while cabinets 800 and 600 mm wide are equipped with a single-leaf door. A rear panel can be replaced with a rear door in all available widths of the cabinets.
- Easy change of door opening direction (by turning the door wing and the lock).
- Standard door is equipped with a 3-point lock and a stiffening slotted frame used for cable ducts, bundles of cables etc.
- Locking systems: factory-mounted lock with double-bit insert, option of replacement with a lock provided with a swing handle and cylinder insert.
- Possibility of manufacturing doors with a glass panel and perforation.
- Maximum door opening angle is 120°.

Two options of side panels

- Flushed panels - kept within cabinet dimensions.
- External panels - expanding the cabinet by 25 mm on each side.

Roof

- As a part of supplementary accessories.
- Recommended for cabinets placed outside the buildings.

Lifting eyes

- Lifting eyes are available if requested. They are fixed to the threaded holes in the top of the frame.

Base

- The cabinet is normally placed on either 100 mm or 200 mm plinth.
- It is possible to set the cabinet directly on the cable duct, however this option needs to be discussed with our technical staff.

Sealing gasket

- Doors, panels and solid blanking plates used in the top are sealed with polyurethane foam.

Baying cabinets in rows

- Possibility to bay cabinets in rows.
- Bayed cabinets can be additionally equipped with a partition.



The cabinet with the roof and flushed side panels



The cabinet with the roof and external side panels



The cabinet with a roof, flushed side panels and lifting eyes



Lock with double-bit insert



Lock with swing handle and cylinder insert



Baying cabinets in rows by using mounting plate infill

Fastening appliances in the cabinet

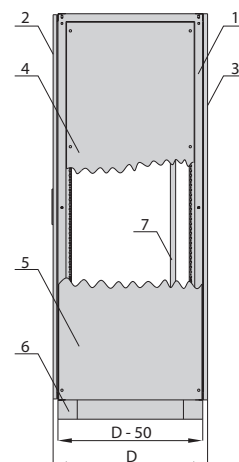
- Mounting plate - fits within the light of the cabinet, easy positioning by means of 2 sliding profiles on both sides; quick fastening using 4 bolts.
- Mounting rails - make it possible to build a required racking system within the cabinet (openings in the rails match the horizontal and vertical openings of the frame).
- 19" mounting profiles.
- 19" swing frame for cabinets 800 mm wide.

SZE2 SYSTEM CABINETS



SZE2 cabinet 600 mm wide, without side panels, intended for baying in rows

Side view
(comparison of flushed and external side panels)



Notes:
Dimensions of bottom and top plates are specified on pages 18-19.
Detailed drawings of the cabinet are given on pages 16-17.

REFERENCE CHART – cabinets with a width of 600–800 mm

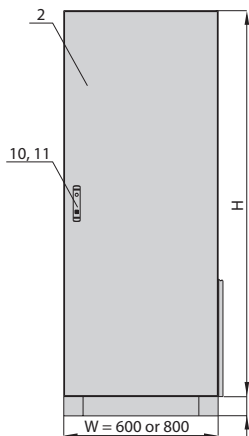
Dimensions of cabinet's frame [mm]	Height H	2000	2000	2000	2000	2000	2000
	Width W	600	600	600	600	800	800
	Depth D	400	500	600	800	400	500
Door's type	Number of wings	1	1	1	1	1	1
Dimensions of mounting plate [mm]	Height HP	1930	1930	1930	1930	1930	1930
	Width WP	512	512	512	512	712	712

		Page	Package	Catalogue numbers					
SZE2 cabinet*			1 pc.	WZ-SZE2-2050-S10A-00-111-00-0-011	WZ-SZE2-2012-S10A-00-111-00-0-011	WZ-SZE2-2011-S10A-00-111-00-0-011	WZ-SZE2-2010-S10A-00-111-00-0-011	WZ-SZE2-2049-S10A-00-111-00-0-011	WZ-SZE2-2009-S10A-00-111-00-0-011
Supplementary accessories**	Flushed in side panels	28	2 pcs	WZ-1951-09-13-011	WZ-1951-09-03-011	WZ-1951-09-02-011	WZ-1951-09-01-011	WZ-1951-09-13-011	WZ-1951-09-03-011
	External side panels	28	2 pcs	WZ-1951-07-29-011	WZ-1951-07-07-011	WZ-1951-07-06-011	WZ-1951-07-05-011	WZ-1951-07-29-011	WZ-1951-07-07-011
	Roof for cabinet with flushed side panels	29	1 pc.	WZ-1951-27-14-011	WZ-1951-27-13-011	WZ-1951-27-12-011	WZ-1951-27-11-011	WZ-1951-27-10-011	WZ-1951-27-09-011
	Roof for cabinet with external side panels	29	1 pc.	WZ-1951-28-14-011	WZ-1951-28-13-011	WZ-1951-28-12-011	WZ-1951-28-11-011	WZ-1951-28-10-011	WZ-1951-28-09-011
	100 mm welded plinth	31	1 pc.	WZ-1951-71-14-011	WZ-1951-71-13-011	WZ-1951-71-12-011	WZ-1951-71-11-011	WZ-1951-71-10-011	WZ-1951-71-09-011
	200 mm welded plinth	31	1 pc.	WZ-1951-74-14-011	WZ-1951-74-13-011	WZ-1951-74-12-011	WZ-1951-74-11-011	WZ-1951-74-10-011	WZ-1951-74-09-011
	Mounting plates infill	52	1 pc.	WZ-1951-47-01-000	WZ-1951-47-01-000	WZ-1951-47-01-000	WZ-1951-47-01-000	WZ-1951-47-01-000	WZ-1951-47-01-000
	19" symmetrical swing frame	34	1 pc.	WZ-1951-29-05-011	WZ-1951-29-05-011	WZ-1951-29-05-011	WZ-1951-29-05-011	WZ-1951-29-01-011	WZ-1951-29-01-011
	19" asymmetrical swing frame	34	1 pc.	—	—	—	—	WZ-1951-20-01-011	WZ-1951-20-01-011
	Earthing bar set	46	1 pc.	WZ-1951-24-04-000	WZ-1951-24-04-000	WZ-1951-24-04-000	WZ-1951-24-04-000	WZ-1951-24-03-000	WZ-1951-24-03-000
	Schielding bar	46	1 pc.	WZ-1951-25-04-000	WZ-1951-25-04-000	WZ-1951-25-04-000	WZ-1951-25-04-000	WZ-1951-25-03-000	WZ-1951-25-03-000
	Cable bar	45	1 pc.	WZ-1951-22-04-000	WZ-1951-22-04-000	WZ-1951-22-04-000	WZ-1951-22-04-000	WZ-1951-22-03-000	WZ-1951-22-03-000
	Supports for cable bar	44	1 pc.	WZ-6935-75-10-000	WZ-6935-75-08-000	WZ-6935-75-06-000	WZ-6935-75-04-000	WZ-6935-75-10-000	WZ-6935-75-08-000
	Transverse cable bar	44	1 pc.	WZ-1951-65-04-000	WZ-1951-65-03-000	WZ-1951-65-02-000	WZ-1951-65-01-000	WZ-1951-65-04-000	WZ-1951-65-03-000
	Kit of system lighting	48	1 set	WZ-1951-80-04-011	WZ-1951-80-04-011	WZ-1951-80-04-011	WZ-1951-80-04-011	WZ-1951-80-03-011	WZ-1951-80-03-011

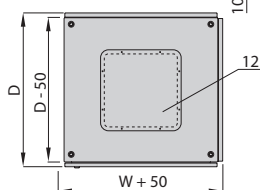
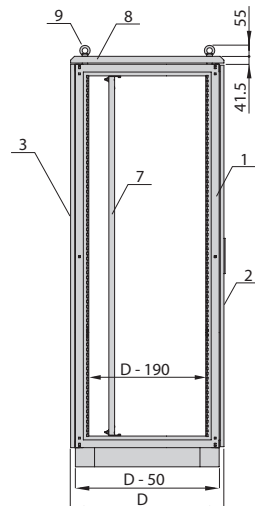
*) SZE2 cabinet - basic configuration: cabinet's frame, front door with a lock that incl. double-bit insert (no handle), rear panel, mounting plate for the full height of the cabinet, blanking plates for cabinet's top plate, set of sliding gland plates for cabinet's bottom plate. Note: side panels, plinth, roof, lifting eyes and other supplementary accessories should be ordered separately.

**) Detailed list of supplementary accessories: see pages 25-59.

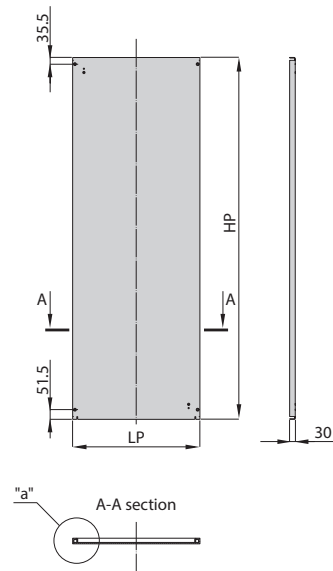
SYSTEM CABINETS

SZE2Front view
(cabinet with single-leaf door)

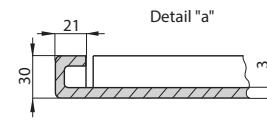
Top view

Side view
(with assembled roof
and lifting eyes)

Mounting plate

**DESIGN**

1. Cabinet's frame
2. Door
3. Rear panel
4. Flushed side panel
5. External side panel
6. Plinth
7. Mounting plate
8. Roof
9. Lifting eye
10. Lock with double-bit insert (factory installed)
11. Lock with swing handle and cylinder insert (optional)
12. Blanking plate



2000	2000	2200	2200	2200	2200	2200	2200	2200	2200
800	800	600	600	600	600	800	800	800	800
600	800	400	500	600	800	400	500	600	800
1	1	1	1	1	1	1	1	1	1
1930	1930	2130	2130	2130	2130	2130	2130	2130	2130
712	712	512	512	512	512	712	712	712	712

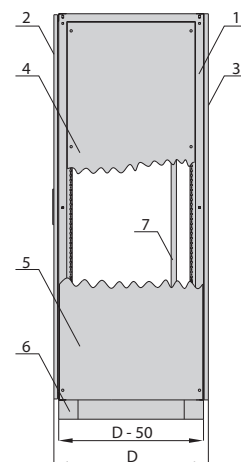
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WZ-1951-09-02-011	WZ-1951-09-01-011	—	WZ-4950-23-03-011	WZ-4950-23-02-011	WZ-4950-65-01-011	—	WZ-4950-23-03-011	WZ-4950-23-02-011	WZ-4950-65-01-011
WZ-1951-07-06-011	WZ-1951-07-05-011	—	WZ-4950-24-07-011	WZ-4950-24-06-011	WZ-4950-24-05-011	—	WZ-4950-24-07-011	WZ-4950-24-06-011	WZ-4950-24-05-011
WZ-1951-27-08-011	WZ-1951-27-07-011	—	WZ-1951-27-13-011	WZ-1951-27-12-011	WZ-1951-27-11-011	—	WZ-1951-27-09-011	WZ-1951-27-08-011	WZ-1951-27-07-011
WZ-1951-28-08-011	WZ-1951-28-07-011	—	WZ-1951-28-13-011	WZ-1951-28-12-011	WZ-1951-28-11-011	—	WZ-1951-28-09-011	WZ-1951-28-08-011	WZ-1951-28-07-011
WZ-1951-71-08-011	WZ-1951-71-07-011	—	WZ-1951-71-13-011	WZ-1951-71-12-011	WZ-1951-71-11-011	—	WZ-1951-71-09-011	WZ-1951-71-08-011	WZ-1951-71-07-011
WZ-1951-74-08-011	WZ-1951-74-07-011	—	WZ-1951-74-13-011	WZ-1951-74-12-011	WZ-1951-74-11-011	—	WZ-1951-74-09-011	WZ-1951-74-08-011	WZ-1951-74-07-011
WZ-1951-47-01-000	WZ-1951-47-01-000	—	WZ-4950-30-00-000	WZ-4950-30-00-000	WZ-4950-30-00-000	—	WZ-4950-30-00-011	WZ-4950-30-00-000	WZ-4950-30-00-000
WZ-1951-29-01-011	WZ-1951-29-01-011	—	WZ-1951-29-08-011	WZ-1951-29-08-011	WZ-1951-29-08-011	—	WZ-4950-26-00-011	WZ-4950-26-00-011	WZ-4950-26-00-011
WZ-1951-20-01-011	WZ-1951-20-01-011	—	—	—	—	—	WZ-4950-27-00-011	WZ-4950-27-00-011	WZ-4950-27-00-011
WZ-1951-24-03-000	WZ-1951-24-03-000	—	WZ-1951-24-04-000	WZ-1951-24-04-000	WZ-1951-24-04-000	—	WZ-1951-24-03-000	WZ-1951-24-03-000	WZ-1951-24-03-000
WZ-1951-25-03-000	WZ-1951-25-03-000	—	WZ-1951-25-04-000	WZ-1951-25-04-000	WZ-1951-25-04-000	—	WZ-1951-25-03-000	WZ-1951-25-03-000	WZ-1951-25-03-000
WZ-1951-22-03-000	WZ-1951-22-03-000	—	WZ-1951-22-04-000	WZ-1951-22-04-000	WZ-1951-22-04-000	—	WZ-1951-22-03-000	WZ-1951-22-03-000	WZ-1951-22-03-000
WZ-6935-75-06-000	WZ-6935-75-04-000	—	WZ-6935-75-08-000	WZ-6935-75-06-000	WZ-6935-75-04-000	—	WZ-6935-75-08-000	WZ-6935-75-06-000	WZ-6935-75-04-000
WZ-1951-65-02-000	WZ-1951-65-01-000	—	WZ-1951-65-03-000	WZ-1951-65-02-000	WZ-1951-65-01-000	—	WZ-1951-65-03-000	WZ-1951-65-02-000	WZ-1951-65-01-000
WZ-1951-80-03-011	WZ-1951-80-03-011	—	WZ-1951-80-04-011	WZ-1951-80-04-011	WZ-1951-80-04-011	—	WZ-1951-80-03-011	WZ-1951-80-03-011	WZ-1951-80-03-011

SZE2 SYSTEM CABINETS



SZE2 cabinet 1200 mm wide, without side panels, intended for baying in rows

Side view
(comparison of flushed and external side panels)



Notes:
Dimensions of bottom and top plates are specified on pages 18-19.
Detailed drawings of the cabinet are given on pages 16-17.

REFERENCE CHART – cabinets with a width of 1000–1200 mm

Dimensions of cabinet's frame [mm]	Height H	2000	2000	2000	2000	2000	2000
	Width W	1000	1000	1000	1000	1200	1200
	Depth D	400	500	600	800	400	500
Door's type	Number of wings	2	2	2	2	2	2
Dimensions of mounting plate [mm]	Height HP	1930	1930	1930	1930	1930	1930
	Width WP	912	912	912	912	1112	1112

		Page	Package	Catalogue numbers					
SZE2 cabinet*			1 pc.	—	WZ-SZE2-2006-S10A-00-111-00-0-011	WZ-SZE2-2005-S10A-00-111-00-0-011	WZ-SZE2-2004-S10A-00-111-00-0-011	—	WZ-SZE2-2003-S10A-00-111-00-0-011
Supplementary accessories**	Flushed in side panels	28	2 pcs	—	WZ-1951-09-03-011	WZ-1951-09-02-011	WZ-1951-09-01-011	—	WZ-1951-09-03-011
	External side panels	28	2 pcs	—	WZ-1951-07-07-011	WZ-1951-07-06-011	WZ-1951-07-05-011	—	WZ-1951-07-07-011
	Roof for cabinet with flushed side panels	29	1 pc.	—	WZ-1951-27-06-011	WZ-1951-27-05-011	WZ-1951-27-04-011	—	WZ-1951-27-03-011
	Roof for cabinet with external side panels	29	1 pc.	—	WZ-1951-28-06-011	WZ-1951-28-05-011	WZ-1951-28-04-011	—	WZ-1951-28-03-011
	100 mm welded plinth	31	1 pc.	—	WZ-1951-71-06-011	WZ-1951-71-05-011	WZ-1951-71-04-011	—	WZ-1951-71-03-011
	200 mm welded plinth	31	1 pc.	—	WZ-1951-74-06-011	WZ-1951-74-05-011	WZ-1951-74-04-011	—	WZ-1951-74-03-011
	Mounting plates infill	52	1 pc.	—	WZ-1951-47-01-000	WZ-1951-47-01-000	WZ-1951-47-01-000	—	WZ-1951-47-01-000
	19" symmetrical swing frame	34	1 pc.	—	—	—	—	—	—
	19" asymmetrical swing frame	34	1 pc.	—	—	—	—	—	—
	Earthing bar set	46	1 pc.	—	WZ-1951-24-02-000	WZ-1951-24-02-000	WZ-1951-24-02-000	—	WZ-1951-24-01-000
	Schielding bar	46	1 pc.	—	WZ-1951-25-02-000	WZ-1951-25-02-000	WZ-1951-25-02-000	—	WZ-1951-25-01-000
	Cable bar	45	1 pc.	—	WZ-1951-22-02-000	WZ-1951-22-02-000	WZ-1951-22-02-000	—	WZ-1951-22-01-000
	Supports for cable bar	44	1 pc.	—	WZ-6935-75-08-000	WZ-6935-75-06-000	WZ-6935-75-04-000	—	WZ-6935-75-08-000
	Transverse cable bar	44	1 pc.	—	WZ-1951-65-03-000	WZ-1951-65-02-000	WZ-1951-65-01-000	—	WZ-1951-65-03-000
	Kit of system lighting	48	1 set	—	WZ-1951-80-02-011	WZ-1951-80-02-011	WZ-1951-80-02-011	—	WZ-1951-80-01-011

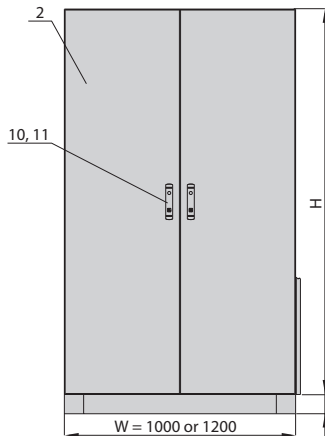
*) **SZE2 cabinet - basic configuration:** cabinet's frame, front door with a lock that incl. double-bit insert (no handle), rear panel, mounting plate for the full height of the cabinet, blanking plates for cabinet's top plate, set of sliding gland plates for cabinet's bottom plate. Note: side panels, plinth, roof, lifting eyes and other supplementary accessories should be ordered separately.

) **Detailed list of supplementary accessories: see pages 25-59.

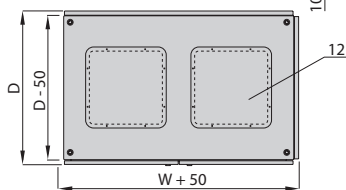
SYSTEM CABINETS

SZE2

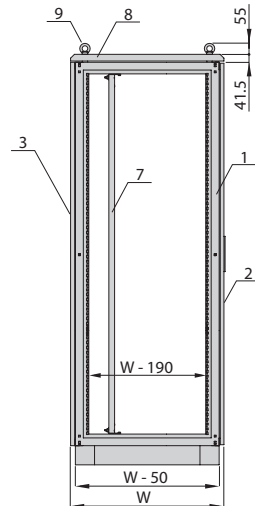
Front view
(cabinet with double-leaf door)



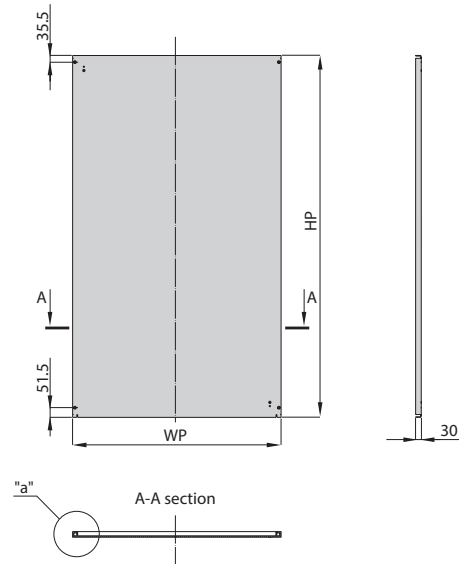
Top view



Side view
(with assembled roof
and lifting eyes)

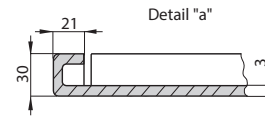


Mounting plate

**DESIGN**

1. Cabinet's frame
2. Door
3. Rear panel
4. Flushed side panel
5. External side panel
6. Plinth
7. Mounting plate

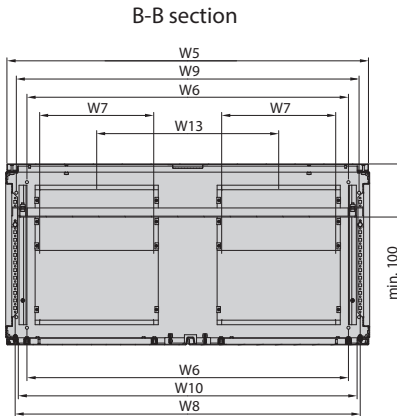
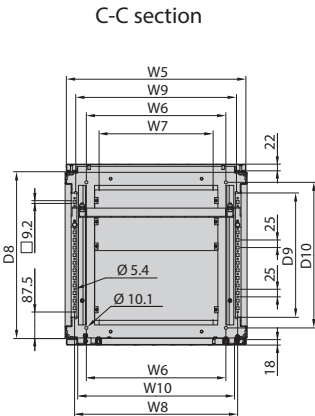
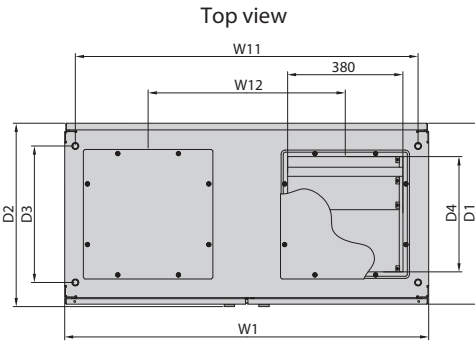
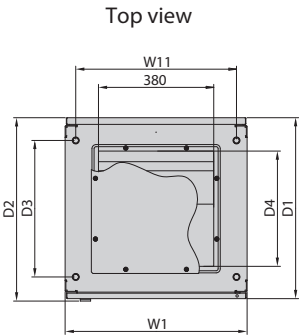
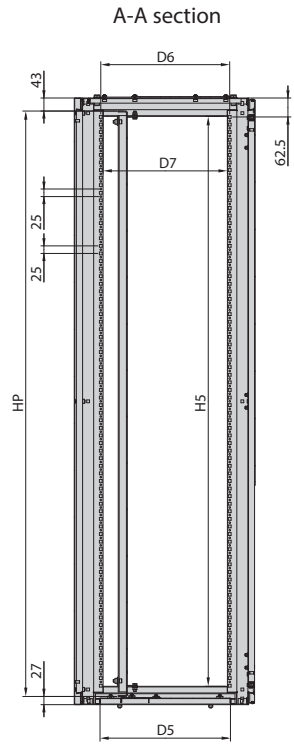
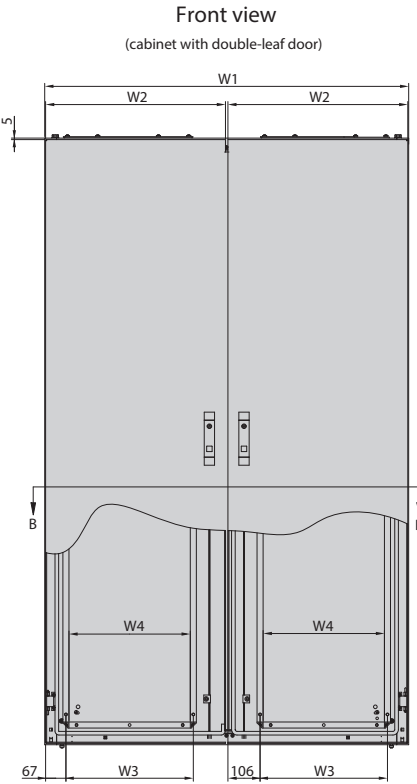
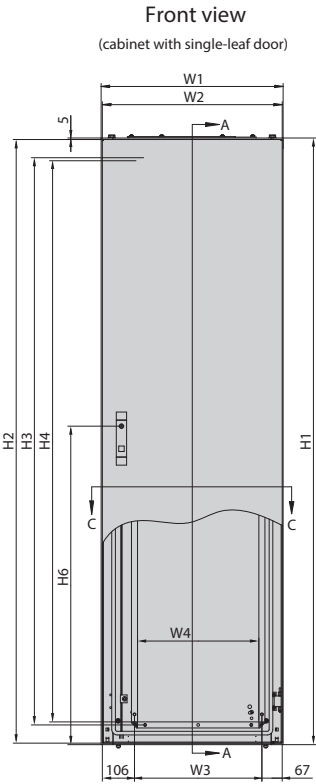
8. Roof
9. Lifting eye
10. Lock with double-bit insert
(factory installed)
11. Lock with swing handle and
cylinder insert (optional)
12. Blanking plate



2000	2000	2200	2200	2200	2200	2200	2200	2200	2200
1200	1200	1000	1000	1000	1000	1200	1200	1200	1200
600	800	400	500	600	800	400	500	600	800
2	2	2	2	2	2	2	2	2	2
1930	1930	2130	2130	2130	2130	2130	2130	2130	2130
1112	1112	912	912	912	912	1112	1112	1112	1112

Catalogue numbers									
WZ-SZE2-2002- S10A-00-111-00-0-011	WZ-SZE2-2001- S10A-00-111-00-0-011	—	WZ-SZE2-2206- S10A-00-111-00-0-011	WZ-SZE2-2205- S10A-00-111-00-0-011	WZ-SZE2-2204- S10A-00-111-00-0-011	—	WZ-SZE2-2203- S10A-00-111-00-0-011	WZ-SZE2-2202- S10A-00-111-00-0-011	WZ-SZE2-2201- S10A-00-111-00-0-011
WZ-1951-09-02-011	WZ-1951-09-01-011	—	WZ-4950-23-03-011	WZ-4950-23-02-011	WZ-4950-65-01-011	—	WZ-4950-23-03-011	WZ-4950-23-02-011	WZ-4950-65-01-011
WZ-1951-07-06-011	WZ-1951-07-05-011	—	WZ-4950-24-07-011	WZ-4950-24-06-011	WZ-4950-24-05-011	—	WZ-4950-24-07-011	WZ-4950-24-06-011	WZ-4950-24-05-011
WZ-1951-27-02-011	WZ-1951-27-01-011	—	WZ-1951-27-06-011	WZ-1951-27-05-011	WZ-1951-27-04-011	—	WZ-1951-27-03-011	WZ-1951-27-02-011	WZ-1951-27-01-011
WZ-1951-28-02-011	WZ-1951-28-01-011	—	WZ-1951-28-06-011	WZ-1951-28-05-011	WZ-1951-28-04-011	—	WZ-1951-28-03-011	WZ-1951-28-02-011	WZ-1951-28-01-011
WZ-1951-71-02-011	WZ-1951-71-01-011	—	WZ-1951-71-06-011	WZ-1951-71-05-011	WZ-1951-71-04-011	—	WZ-1951-71-03-011	WZ-1951-71-02-011	WZ-1951-71-01-011
WZ-1951-74-02-011	WZ-1951-74-01-011	—	WZ-1951-74-06-011	WZ-1951-74-05-011	WZ-1951-74-04-011	—	WZ-1951-74-03-011	WZ-1951-74-02-011	WZ-1951-74-01-011
WZ-1951-47-01-000	WZ-1951-47-01-000	—	WZ-4950-30-00-000	WZ-4950-30-00-000	WZ-4950-30-00-000	—	WZ-4950-30-00-000	WZ-4950-30-00-000	WZ-4950-30-00-000
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
WZ-1951-24-01-000	WZ-1951-24-01-000	—	WZ-1951-24-02-000	WZ-1951-24-02-000	WZ-1951-24-02-000	—	WZ-1951-24-01-000	WZ-1951-24-01-000	WZ-1951-24-01-000
WZ-1951-25-01-000	WZ-1951-25-01-000	—	WZ-1951-25-02-000	WZ-1951-25-02-000	WZ-1951-25-02-000	—	WZ-1951-25-01-000	WZ-1951-25-01-000	WZ-1951-25-01-000
WZ-1951-22-01-000	WZ-1951-22-01-000	—	WZ-1951-22-02-000	WZ-1951-22-02-000	WZ-1951-22-02-000	—	WZ-1951-22-01-000	WZ-1951-22-01-000	WZ-1951-22-01-000
WZ-6935-75-06-000	WZ-6935-75-04-000	—	WZ-6935-75-08-000	WZ-6935-75-06-000	WZ-6935-75-04-000	—	WZ-6935-75-08-000	WZ-6935-75-06-000	WZ-6935-75-04-000
WZ-1951-65-02-000	WZ-1951-65-01-000	—	WZ-1951-65-03-000	WZ-1951-65-02-000	WZ-1951-65-01-000	—	WZ-1951-65-03-000	WZ-1951-65-02-000	WZ-1951-65-01-000
WZ-1951-80-01-011	WZ-1951-80-01-011	—	WZ-1951-80-02-011	WZ-1951-80-02-011	WZ-1951-80-02-011	—	WZ-1951-80-01-011	WZ-1951-80-01-011	WZ-1951-80-01-011

SZE2 SYSTEM CABINETS



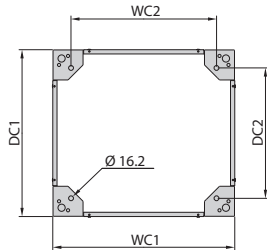
Cabinet's catalogue number	HEIGHT DIMENSIONS					
	H1	H2	H3	H4	H5	H6
WZ-SZE2-2201-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2202-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2203-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2204-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2205-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2206-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2207-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2208-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2209-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2210-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2211-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2212-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2001-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2002-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2003-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2004-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2005-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2006-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2007-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2008-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2009-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2049-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2010-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2011-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2012-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050
WZ-SZE2-2050-S10A-00-111-00-0-011	2000	1990	1870	1850	1879	1050

SYSTEM CABINETS

SZE2

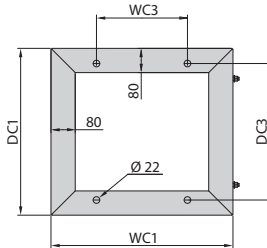
Modular plinth

(openings for floor fastening)

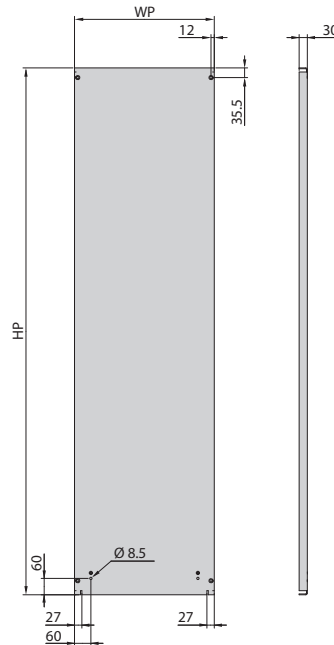


Welded plinth

(openings for floor fastening)



Mounting plate



Note:

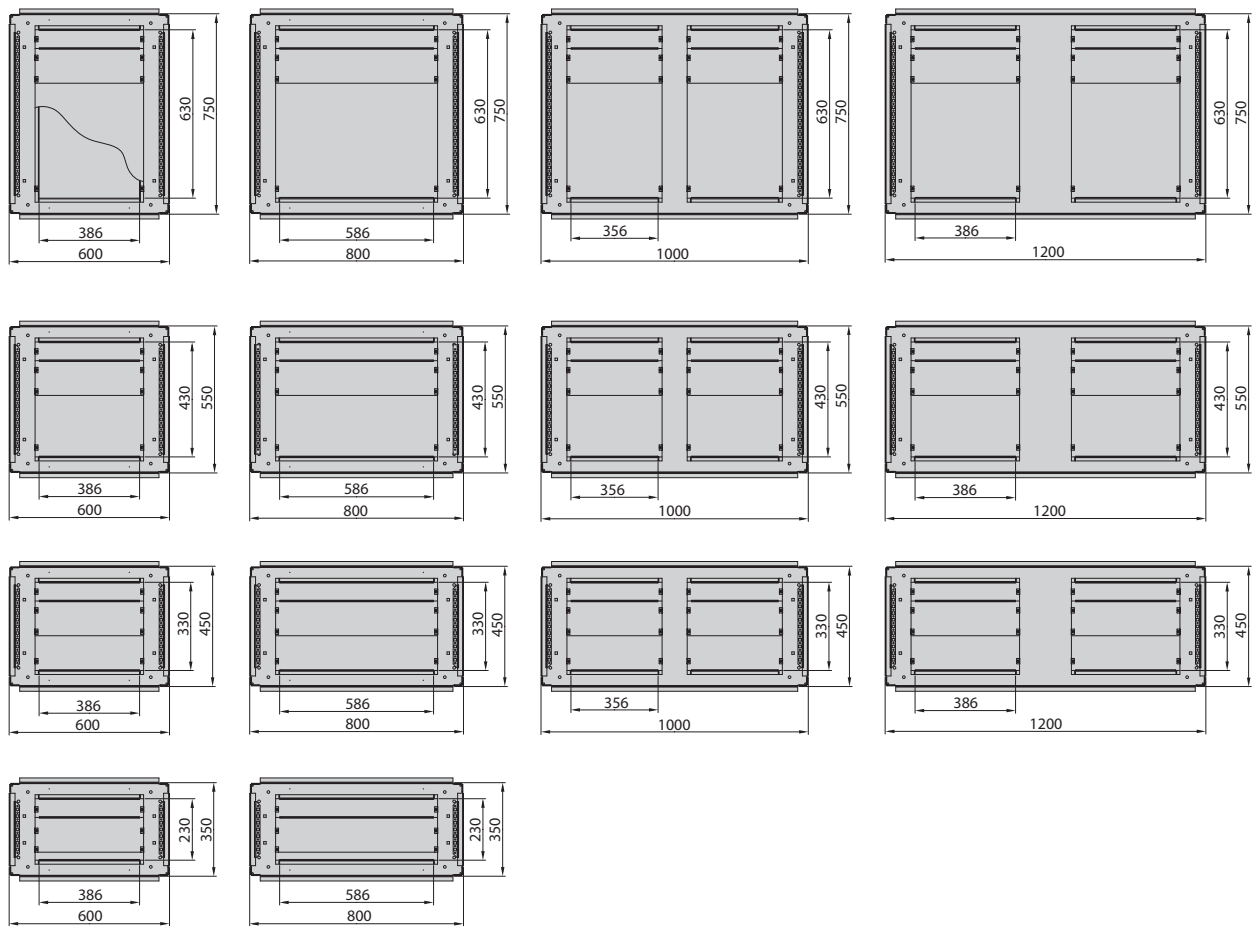
After mounting of external side panels the cabinet expands by 25 mm on each side.
An additional distance of 3 mm (gasket gauge) should be considered between bayed cabinets.

WIDTH DIMENSIONS													DEPTH DIMENSIONS										MOUNTING PLATE		PLINTH					
W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	HP	WP	WC1	WC2	WC3	DC1	DC2	DC3
1200	593	420	400	1192	1060	386	1137.6	1130	1117	1130	650	600	800	808	650	380	630	625	610	750	610	680	1930	1112	1200	1080	900	750	630	650
1200	593	420	400	1192	1060	386	1137.6	1130	1117	1130	650	600	600	608	450	380	430	425	410	550	410	480	1930	1112	1200	1080	900	550	430	450
1200	593	420	400	1192	1060	386	1137.6	1130	1117	1130	550	600	500	508	350	380	330	325	310	450	310	380	1930	1112	1200	1080	900	450	330	350
1000	493	320	300	992	860	356	937.6	930	917	930	—	450	800	808	650	380	630	625	610	750	610	680	1930	912	1000	880	700	750	630	650
1000	493	320	300	992	860	356	937.6	930	917	930	—	450	600	608	450	380	430	425	410	550	410	480	1930	912	1000	880	700	550	430	450
1000	493	320	300	992	860	356	937.6	930	917	930	—	450	500	508	350	380	330	325	310	450	310	380	1930	912	1000	880	700	450	330	350
800	793	620	600	792	660	586	737.6	730	717	730	—	—	800	808	650	380	630	625	610	750	610	680	1930	712	800	680	500	750	630	650
800	793	620	600	792	660	586	737.6	730	717	730	—	—	600	608	450	380	430	425	410	550	410	480	1930	712	800	680	500	550	430	450
800	793	620	600	792	660	586	737.6	730	717	730	—	—	500	508	350	380	330	325	310	450	310	380	1930	712	800	680	500	450	330	350
600	593	420	400	592	460	386	537.6	530	517	530	—	—	800	808	650	380	630	625	610	750	610	680	1930	512	600	480	300	750	630	650
600	593	420	400	592	460	386	537.6	530	517	530	—	—	600	608	450	380	430	425	410	550	410	480	1930	512	600	480	300	550	430	450
600	593	420	400	592	460	386	537.6	530	517	530	—	—	500	508	350	380	330	325	310	450	310	380	1930	512	600	480	300	450	330	350
1200	593	420	400	1192	1060	386	1137.6	1130	1117	1130	650	600	800	808	650	380	630	625	610	750	610	680	1930	1112	1200	1080	900	750	630	650
1200	593	420	400	1192	1060	386	1137.6	1130	1117	1130	650	600	600	608	450	380	430	425	410	550	410	480	1930	1112	1200	1080	900	550	430	450
1200	593	420	400	1192	1060	386	1137.6	1130	1117	1130	550	600	500	508	350	380	330	325	310	450	310	380	1930	1112	1200	1080	900	450	330	350
1000	493	320	300	992	860	356	937.6	930	917	930	—	450	800	808	650	380	630	625	610	750	610	680	1930	912	1000	880	700	750	630	650
1000	493	320	300	992	860	356	937.6	930	917	930	—	450	600	608	450	380	430	425	410	550	410	480	1930	912	1000	880	700	550	430	450
1000	493	320	300	992	860	356	937.6	930	917	930	—	450	500	508	350	380	330	325	310	450	310	380	1930	912	1000	880	700	450	330	350
800	793	620	600	792	660	586	737.6	730	717	730	—	—	800	808	650	380	630	625	610	750	610	680	1930	712	800	680	500	750	630	650
800	793	620	600	792	660	586	737.6	730	717	730	—	—	600	608	450	380	430	425	410	550	410	480	1930	712	800	680	500	550	430	450
800	793	620	600	792	660	586	737.6	730	717	730	—	—	500	508	350	380	330	325	310	450	310	380	1930	712	800	680	500	450	330	350
800	793	620	600	792	660	586	737.6	730	717	730	—	—	400	408	250	210	230	225	210	350	210	280	1930	712	800	680	500	350	230	250
600	593	420	400	592	460	386	537.6	530	517	530	—	—	800	808	650	380	630	625	610	750	610	680	1930	512	600	480	300	750	630	650
600	593	420	400	592	460	386	537.6	530	517	530	—	—	600	608	450	380	430	425	410	550	410	480	1930	512	600	480	300	550	430	450
600	593	420	400	592	460	386	537.6	530	517	530	—	—	500	508	350	380	330	325	310	450	310	380	1930	512	600	480	300	450	330	350
600	593	420	400	592	460	386	537.6	530	517	530	—	—	400	408	250	210	230	225	210	350	210	280	1930	512	600	480	300	350	230	250

SZE2

SYSTEM CABINETS

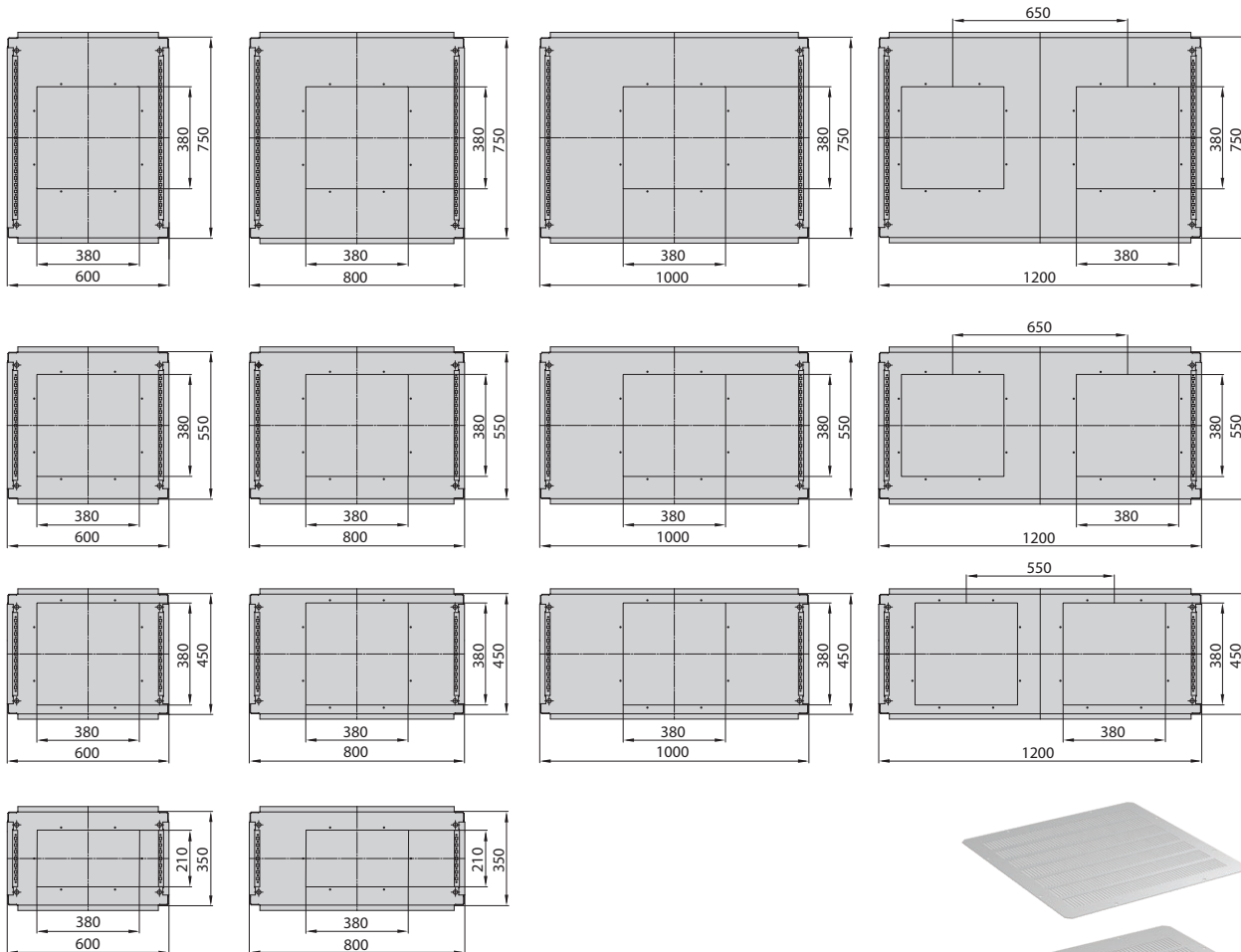
BOTTOM PLATE TYPES



Note:
Standard openings in bottom plates are blinded with sliding gland plates. Optional types of gland plates - see page 50-51

Note:
On request there is a possibility to make a different type of gland plates and changes in design of the bottom plate.

SYSTEM CABINETS

SZE2**TOP PLATE TYPES**

**Blanking and cable entry plates
for the cabinet's top plate
– see page 51**

Note:

Standard openings in top plates are blinded with solid blanking plates with sealing gaskets. Optional types of blanking and cable entry plates – see page 51

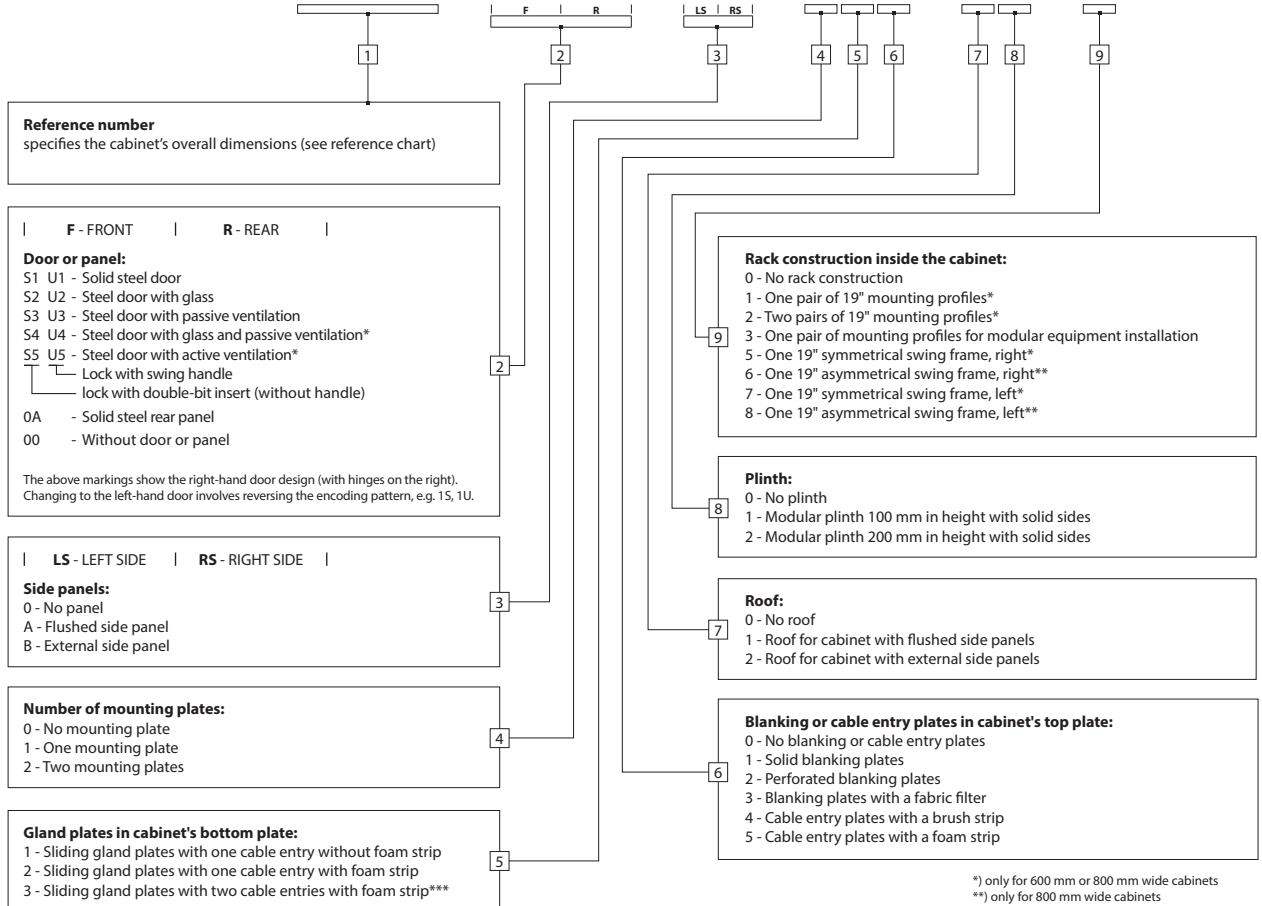
SZE2 SYSTEM CABINETS

REFERENCE CHART

	Total width of the cabinet [mm]		Total depth of the cabinet [mm]	Height of the cabinet without plinth [mm]	
	with flushed side panels	with external side panels		2000	2200
				Reference numbers of cabinets	
Cabinets with single-leaf door	600	650	400	2050	—
			500	2012	2212
			600	2011	2211
			800	2010	2210
	800	850	400	2049	—
			500	2009	2209
			600	2008	2208
			800	2007	2207
Cabinets with double-leaf door	1000	1050	500	2006	2206
			600	2005	2205
			800	2004	2204
	1200	1250	500	2003	2203
			600	2002	2202
			800	2001	2201

CATALOGUE NUMBER OF CONFIGURED SZE2 CABINET

WZ-SZE2 - XXXX - XXXX - XX - XXX - XX - X - 011

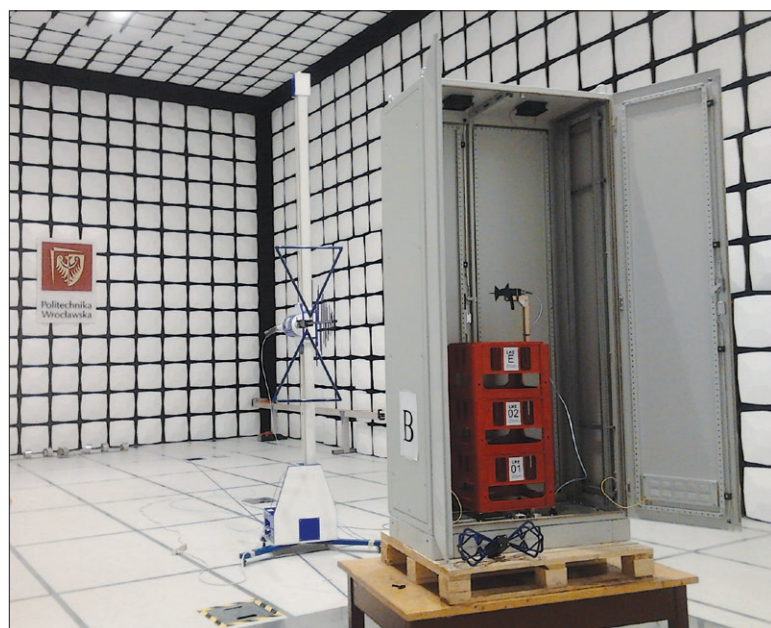


SAMPLE CUSTOMISED CABINETS



SZE2 cabinet conforming to EMC requirements

**Electromagnetic compatibility tests
in Wrocław University of Technology
(Politechnika Wrocławska)**



SZE2 PC 19" COMPUTER CABINET IP54



CABINET DESIGNED FOR COMPUTER EQUIPMENT IN ROOMS WITH HEAVY DUST CONCENTRATIONS

Designed for protection of computer equipment used in industrial areas.

The design enables selective admission of access to each section of the cabinet through use of locks with different cylinders.

Design based on modified frame of the SZE2 cabinet.

Easy baying in rows with SZE2 and SZE2 PC cabinets.

Possibility of using supplementary accessories designed for SZE2 cabinets (see catalogue ZPAS Industrial Enclosures) and equipment for 19" installations.

Possibility to manufacture cabinet frame, door, panels, supplementary roof and plinth of stainless sheet steel (on individual request).

Non-standard versions on customer's request.

SCOPE OF DELIVERY

- cabinet's frame set on 100 mm plinth,
- 2 pairs of 19" mounting profiles,
- 2 flushed side panels,
- double front door with 3-point (rod-lath) lock and patent cylinder (upper door with glass, lower door solid),
- door for keyboard part with single-point lock (cam lock),
- rear panel,
- universal drawer for keyboard,
- solid blanking plate for top including sealing gasket,
- sliding gland plates for adjustable cable entry.



TECHNICAL DATA

Material
Frame, side panels, solid metal door, plinth, mounting profiles
- sheet steel
Door with glass - sheet steel, acrylic glass

Protection degree
IP 54 in accordance with EN 60529

Surface finishing
Frame, door, panels, plinth - powder painted in light grey (RAL 7035).
All other colour options on request.
Mounting profiles – Al-Zn coated.

Maximum load capacity
The maximum weight of equipment mounted in SZE2 PC cabinets is:
600 kg - for cabinet with plinth,
500 kg - for cabinet with castors.

ACCESSORIES



Castors - page. 31

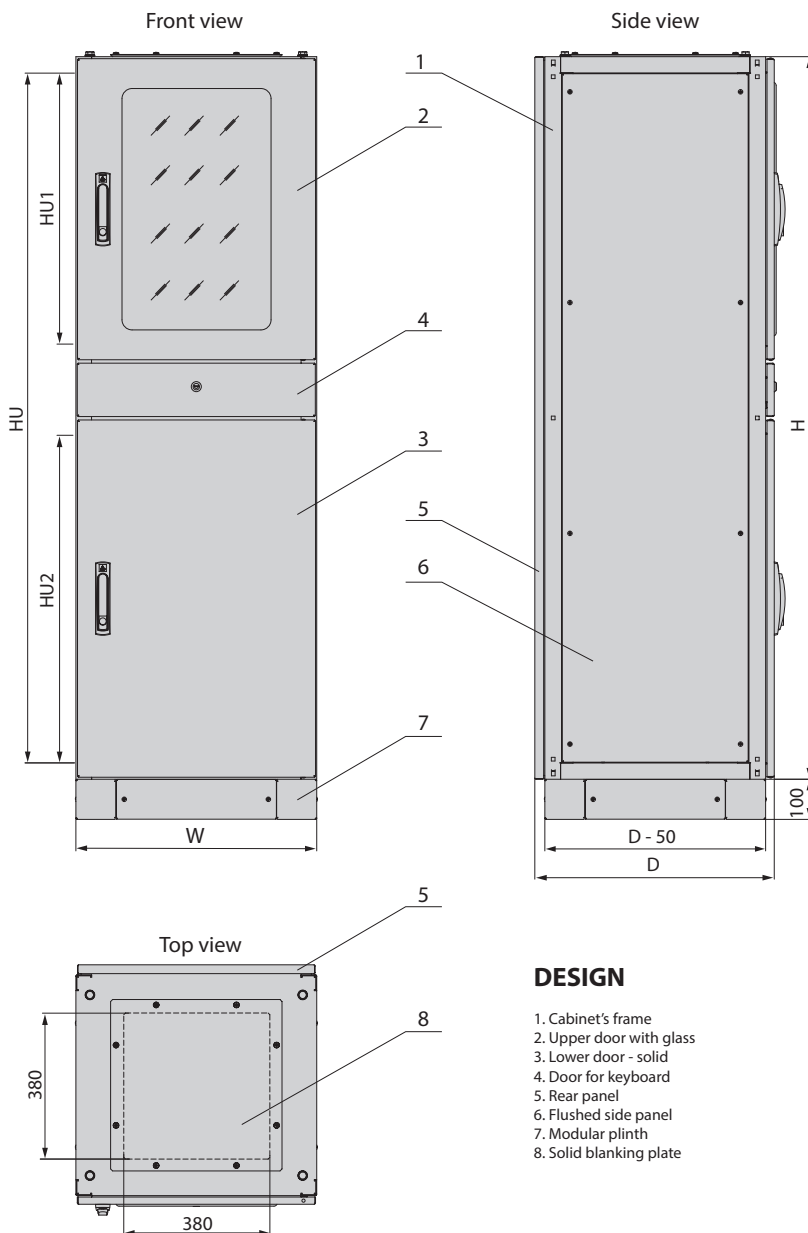


Roof - page. 29

COMPUTER CABINET IP54 **SZE2 PC 19"**

REFERENCE CHART

Width W [mm]	Depth D [mm]	Catalogue number		
600	600	WZ-3004-00-06-011	WZ-3004-00-04-011	WZ-3004-00-02-011
	800	WZ-3004-00-05-011	WZ-3004-00-03-011	WZ-3004-00-01-011
Usable height of cabinet HU [U = 44.45 mm]	complete cabinet HU	33 U	38 U	42 U
	upper part HU1	10 U	15 U	19 U
	lower part HU2	18 U	18 U	18 U
Total height of cabinet without plinth H [mm]		1600	1800	2000



DESIGN

1. Cabinet's frame
2. Upper door with glass
3. Lower door - solid
4. Door for keyboard
5. Rear panel
6. Flushed side panel
7. Modular plinth
8. Solid blanking plate

Note:

The opening in the bottom plate of the SZE2 PC cabinet is identical as in the SZE2 system cabinet.



SAMPLE CUSTOMISED CABINETS



1200 mm wide SZE2 cabinet with mounting plate, swing frame and asymmetrical double-leaf door



Stainless steel cabinet with a rain roof



Set of SZE2 cabinets for the machine control system



SZE2 cabinet with air conditioner and 19" mounting profiles, height 24 U

ACCESSORIES FOR SIZE2 CABINETS



ACCESSORIES FOR SIZE2 CABINETS

ACCESSORIES FOR SZE2 CABINETS

DOORS



Single-leaf door with glass



Lock with double-bit insert
(factory installed)

Doors

Intended for use instead of front solid door or rear panel.
Maximum door opening angle: 120°

Material

Sheet steel textured powder paint, light grey (RAL 7035),
stiffened profiles, brown smoked safety glass

Scope of delivery

Complete wing of door with hinges and lock that includes
double-bit insert (no handle).

SINGLE-LEAF DOOR

For cabinet		Door dimensions		Catalogue number					
height [mm]	width [mm]	H [mm]	W [mm]	Solid door IP 54	Door with glass IP 54	Door with passive ventilation IP 54		Door with glass and passive ventilation IP 54	
				right/left	right/left	right	left	right	left
2000	600	1990	593	WZ-1951-10-02-011	WZ-1951-17-02-011	WZ-1951-40-02-011	WZ-1951-40-10-011	WZ-1951-36-02-011	WZ-1951-36-10-011
	800	1990	793	WZ-1951-10-01-011	WZ-1951-17-01-011	WZ-1951-40-01-011	WZ-1951-40-09-011	WZ-1951-36-01-011	WZ-1951-36-09-011
2200	600	1990	593	WZ-4950-03-02-011	WZ-4950-05-02-011	WZ-4950-16-02-011	WZ-4950-16-04-011	WZ-4950-18-02-011	WZ-4950-18-04-011
	800	1990	793	WZ-4950-03-01-011	WZ-4950-05-01-011	WZ-4950-16-01-011	WZ-4950-16-03-011	WZ-4950-18-01-011	WZ-4950-18-03-011

Package: 1 pc.



ACCESSORIES FOR SIZE2 CABINETS

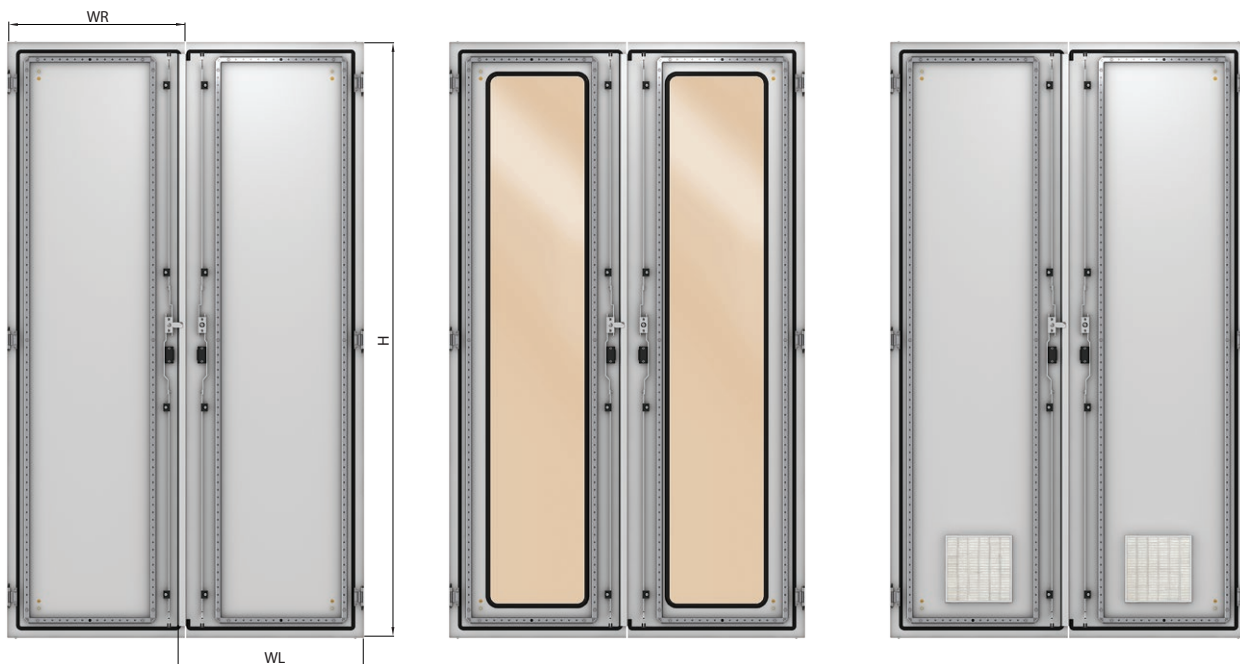
DOORS

DOUBLE-LEAF DOOR

For cabinet		Door dimensions			Catalogue number					
height [mm]	width [mm]	H [mm]	WR [mm]	WL [mm]	Solid door IP 54		Door with glass IP 54		Door with passive ventilation IP 54	
					right* wing	left* wing	right* wing	left* wing	right* wing	left* wing
2000	1000	1990	493	519,5	WZ-1951-15-02-011	WZ-1951-13-02-011	WZ-1951-52-02-011	WZ-1951-54-02-011	WZ-1951-59-02-011	WZ-1951-57-02-011
	1200	1990	593	619,5	WZ-1951-15-01-011	WZ-1951-13-01-011	WZ-1951-52-01-011	WZ-1951-54-01-011	WZ-1951-59-01-011	WZ-1951-57-01-011
2200	1000	1990	493	519,5	WZ-4950-10-02-011	WZ-4950-08-02-011	WZ-4950-14-02-011	WZ-4950-12-02-011	WZ-4950-22-02-011	WZ-4950-20-02-011
	1200	1990	593	619,5	WZ-1951-15-01-011	WZ-1951-13-01-011	WZ-1951-52-01-011	WZ-1951-54-01-011	WZ-1951-59-01-011	WZ-1951-57-01-011

Package: 1 pc. (wing)

*) when facing the structure



Door stop

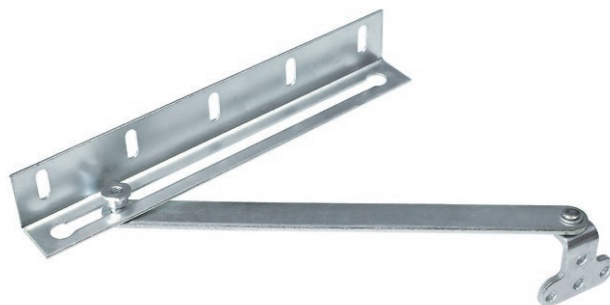
Protects hinges from damage.
Fixed into the door's frame and cabinet's frame.
In the case of self-assembly, it is necessary to punch two 6 mm holes in indicated positions.

Material

Galvanised sheet steel

Scope of delivery

Door stop with fixing accessories for mounting into the cabinet.



Package	Catalogue number
1 pc.	WZ-1951-32-00-000

ACCESSORIES FOR SZE2 CABINETS

DOORS • ROOF AND SIDE PANELS



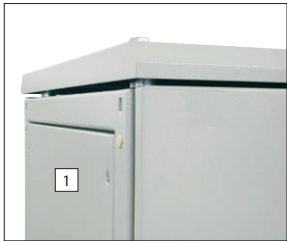
Swing handle with cylinder insert for the door's lock

For applying in the cabinet instead of the standard pattern that includes double-bit insert.

Material of the body
Plastic

Scope of delivery
Swing handle and cylinder are to be ordered separately.

Product name	Package	Catalogue number
Swing handle without cylinder insert	1 pc.	M1H-01-0024
Cylinder insert for swing handle + 1 key	1 set	M1H-02-0028



1 - flushed side panel



2 - external side panel

Side panels

- Available in two options:
- 1) flushed side panels - do not affect overall dimensions of the cabinet, also used as partition if cabinets are bayed.
 - 2) external side panels - expanding the cabinet by 25 mm on each side.

All side panels are equipped with PU sealing gasket and stud-bolts for earthing cables.

Material
Sheet steel powder painted in RAL 7035

Scope of delivery
2 side panels (flushed or external) with fixing accessories for mounting into the cabinet.

For cabinet		Catalogue number	
height [mm]	depth [mm]	Flushed side panels	External side panels
2000	400	WZ-1951-09-13-011	WZ-1951-07-29-011
	500	WZ-1951-09-03-011	WZ-1951-07-07-011
	600	WZ-1951-09-02-011	WZ-1951-07-06-011
	800	WZ-1951-09-01-011	WZ-1951-07-05-011
2200	500	WZ-4950-23-03-011	WZ-4950-24-07-011
	600	WZ-4950-23-02-011	WZ-4950-24-06-011
	800	WZ-4950-65-01-011	WZ-4950-24-05-011

Package: 2 pc.

Note:
Possibility to equip side panels with snapped filter fans and exhaust filter - see page 54.

ACCESSORIES FOR SZE2 CABINETS

ROOF AND SIDE PANELS

Solid roof

Each cabinet can be equipped with a solid roof in two widths:

- 1) roof for cabinet with flushed side panels (roof's width in accordance with cabinet's frame width).
- 2) roof for cabinet with external side panels (the roof's width expanded by 50 mm in comparison with the cabinet's frame).

Roof extends the overall height of the cabinet by 41.5 mm.
There is 5 mm gap under installed roof.

Material

Sheet steel powder painted in RAL 7035

Scope of delivery

Roof with 4 fixing/spacer bolts for mounting.

(Assembly screws M12 are delivered with the cabinet.)



For cabinet		Catalogue number	
width [mm]	depth [mm]	Roof for cabinet with flushed side panel	Roof for cabinet with external side panels
600	400	WZ-1951-27-14-011	WZ-1951-28-14-011
	500	WZ-1951-27-13-011	WZ-1951-28-13-011
	600	WZ-1951-27-12-011	WZ-1951-28-12-011
	800	WZ-1951-27-11-011	WZ-1951-28-11-011
800	400	WZ-1951-27-10-011	WZ-1951-28-10-011
	500	WZ-1951-27-09-011	WZ-1951-28-09-011
	600	WZ-1951-27-08-011	WZ-1951-28-08-011
	800	WZ-1951-27-07-011	WZ-1951-28-07-011
1000	500	WZ-1951-27-06-011	WZ-1951-28-06-011
	600	WZ-1951-27-05-011	WZ-1951-28-05-011
	800	WZ-1951-27-04-011	WZ-1951-28-04-011
1200	500	WZ-1951-27-03-011	WZ-1951-28-03-011
	600	WZ-1951-27-02-011	WZ-1951-28-02-011
	800	WZ-1951-27-01-011	WZ-1951-28-01-011

Package: 1 pc.

Perforated roof

Extends the overall height of the cabinet by 70 mm.

Adheres directly to the cabinet frame.

Roof width is aligned with cabinet frame width.

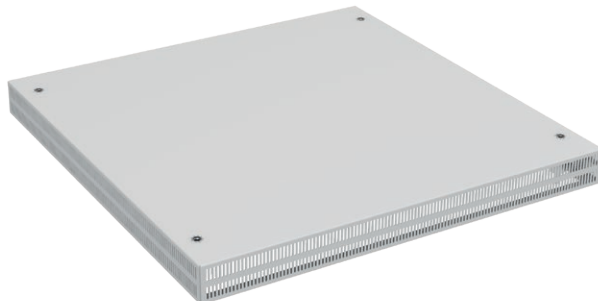
Material

Sheet steel powder painted in RAL 7035

Scope of delivery

Roof with 4 fixing/spacer bolts for mounting.

(Assembly screws M12 are delivered with the cabinet.)



For cabinet		Catalogue number
width [mm]	depth [mm]	
800	600	WZ-8215-43-01-011
	800	WZ-8215-43-02-011

Package: 1 pc.

ACCESSORIES FOR SIZE2 CABINETS

LIFTING ACCESSORIES



Lifting angle



Eyebolt

Lifting accessories

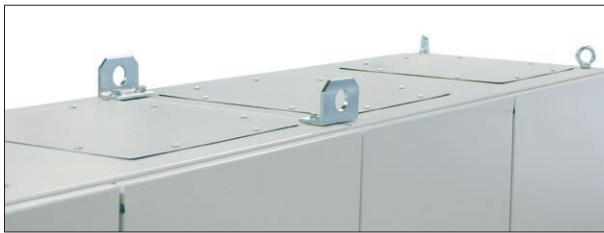
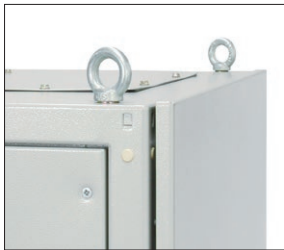
Fixed to threaded holes in the top plate of the cabinet's frame or (when the roof is used) to fixing/spacer bolts.

Offered in two options:

- 1) eyebolts - galvanised steel, eye diameter: 30 mm, thread for fastening: M12;
- 2) lifting angle for cabinets bayed in rows - galvanised steel angle, lifting hole diameter: 38 mm, two holes for mounting screws M12.

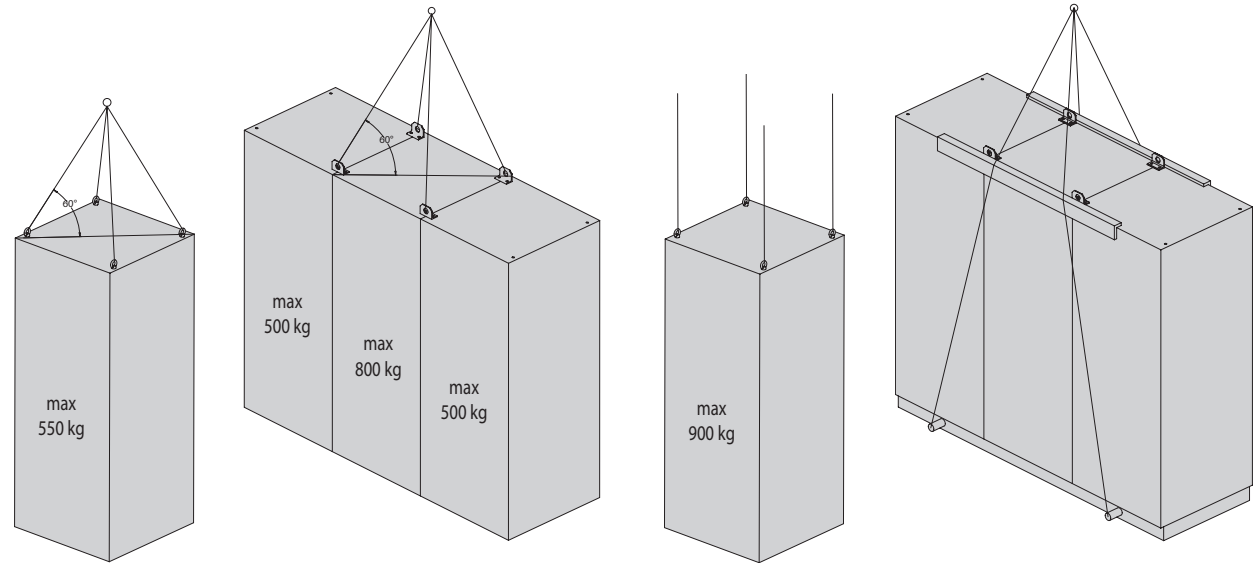
Scope of delivery

Lifting accessories are sold separately.
Lifting angle is supplied with mounting screws.



Product name	Package	Catalogue number
eyebolt	1 pc.	M1F-00-0106
lifting angle	1 pc.	WZ-1951-68-00-000

TRANSPORT OF SIZE2 CABINETS



For larger loads, a set of cabinets should be preferably placed on a single shared welded plinth which reinforces the entire structure during transport. For advice on selection of an appropriate plinth type, please ask ZPAS S.A. design department.

ACCESSORIES FOR SZE2 CABINETS

CABINET'S BASE

Welded plinth

Indicated for heavy duty cabinets. Provide to transport cabinets with forklift truck without using transport pallet.

Material

Sheet steel powder paint, light grey RAL 7035.

Scope of delivery

Plinth with mounting accessories for fastening plinth to the cabinet.

For cabinet		Catalogue number	
width [mm]	depth [mm]	Plinth 100 mm high	Plinth 200 mm high
600	400	WZ-1951-71-14-011	WZ-1951-74-14-011
	500	WZ-1951-71-13-011	WZ-1951-74-13-011
	600	WZ-1951-71-12-011	WZ-1951-74-12-011
	800	WZ-1951-71-11-011	WZ-1951-74-11-011
800	400	WZ-1951-71-10-011	WZ-1951-74-10-011
	500	WZ-1951-71-09-011	WZ-1951-74-09-011
	600	WZ-1951-71-08-011	WZ-1951-74-08-011
	800	WZ-1951-71-07-011	WZ-1951-74-07-011
1000	500	WZ-1951-71-06-011	WZ-1951-74-06-011
	600	WZ-1951-71-05-011	WZ-1951-74-05-011
1200	500	WZ-1951-71-03-011	WZ-1951-74-03-011
	600	WZ-1951-71-02-011	WZ-1951-74-02-011
	800	WZ-1951-71-01-011	WZ-1951-74-01-011

Package: 1 pc.

**Castors set**

Designed for SZE2 and SZE2 PC cabinets 600, 800 and 1000 mm wide. Consists of castors type 300 and strengthening bars mounted at the front and rear of the cabinet.

Maximum load capacity: 600 kg
Height: 135,5 mm

Material

Strengthening bar - sheet steel powder paint, light grey RAL 7035.
Castors - plastic, galvanised sheet steel.

Ordering method

Castors set unit consists of parts to be ordered separately: swivel castors with brake, fixed castors without brake, strengthening bars.

The scope of delivery includes fixing elements.

Part name	Package	Catalogue number
Swivel castors type 300 with brake	2 pcs	WZ-SB73-00-01-000-2
Fixed castors type 300 without brake	2 pcs	WZ-SB73-00-02-000-2
Strengthening bars for cabinet's width:	600 mm	2 szt.
	800 mm	2 szt.
	1000 mm	2 szt.



Strengthening bar



Swivel castor type 300 with brake



Fixed castor type 300 without brake

ACCESSORIES FOR SZE2 CABINETS

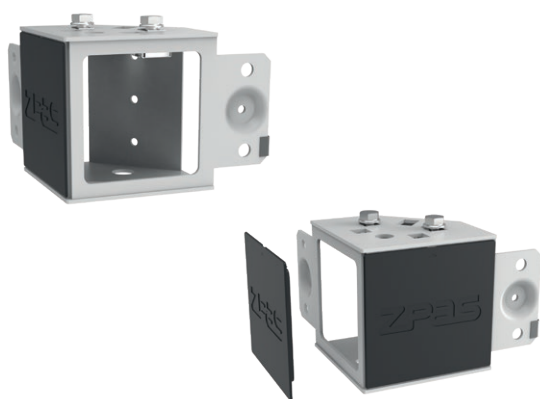
CABINET'S BASE

**Modular plinth**

Plinth consists of corners and removable side panels. Total weight of the cabinet is carried by plinth corners. It is possible to use the area under the cabinet by unscrewing the side panels. Plinth can be mounted to the base by optionally using rubber vibro-shock absorbers.

Ordering method

The plinth shall be ordered from the following components: plinth corners and plinth side panels depending on the width and depth of the cabinet.

**Plinth corners**

Corners are equipped with removable plates that ease the access to assembling and levelling elements. Corners can be equipped with levelling set or vibro-shock absorbers.

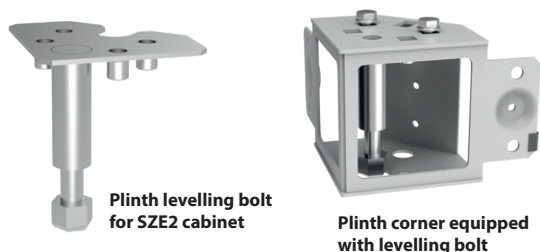
Material

Body: sheet steel powder painted in light grey (RAL 7035).
Covers: black plastic.

Scope of delivery

Set of 4 corners include fixing accessories.

Height [mm]	Package	Catalogue number
100	4 pcs	WZ-6935-74-00-011



**Plinth levelling bolt
for SZE2 cabinet**

**Plinth corner equipped
with levelling bolt**

In order to fasten the levelling bolt in the corner and join the corner with the cabinet, 2 pcs. of M8 bolts with washers are used (delivered with the plinth corner).

Set for plinth levelling

Plinth corners can be equipped with additional levelling bolts, that enable stable setting of the cabinet on uneven floor.

Adjustment range: 0–10 mm

Material

Galvanised steel

Product name	Package	Catalogue number
Set of 4 plinth levelling bolts for SZE2 cabinet	1 set	WZ-6935-Z1-02-000



**Vibro-shock
absorber**



**Plinth corner
with vibro-shock
absorber**

Vibro-shock absorbers

Vibro-shock absorbers reduce the transmission of possible vibrations between the floor and the cabinet (e.g. in industrial buildings). Plinth with vibro-shock absorbers should be fixed into the room's floor.

Material

10 mm thick rubber.

Scope of delivery

Set of 4 vibro-shock absorbers.

Package	Catalogue number
1 set	WZ-M1Z-00-0048-000-4

ACCESSORIES FOR SIZE2 CABINETS

CABINET'S BASE

Plinth side panels

There are three types of plinth side panels available. Side panels can be removed even when the cabinet is loaded with equipment.

Material

Sheet steel powder painted in light grey (RAL 7035).

Scope of delivery

Panel with fixing elements.

Product name	Use	Length of side panel [mm]	Length of plinth's side [mm]	Catalogue number
Solid side panel	plinth's front or rear	400	600	WZ-6935-46-05-011
		600	800	WZ-6935-46-03-011
		800	1000	WZ-6935-46-02-011
		1000	1200	WZ-6935-46-01-011
	plinth's sides	150	350	WZ-6935-46-10-011
		250	450	WZ-6935-46-08-011
		350	550	WZ-6935-46-06-011
		550	750	WZ-6935-46-04-011
Perforated side panel	plinth's front or rear	400	600	WZ-6935-92-05-011
		600	800	WZ-6935-92-03-011
		800	1000	WZ-6935-92-02-011
		1000	1200	WZ-6935-92-01-011
	plinth's sides	150	350	WZ-6935-92-10-011
		250	450	WZ-6935-92-08-011
		350	550	WZ-6935-92-06-011
		550	750	WZ-6935-92-04-011
Side panel with brush opening	plinth's front or rear	400	600	WZ-6935-94-05-011
		600	800	WZ-6935-94-03-011
		800	1000	WZ-6935-94-02-011
		1000	1200	WZ-6935-94-01-011
	plinth's sides	150	350	WZ-6935-94-10-011
		250	450	WZ-6935-94-08-011
		350	550	WZ-6935-94-06-011
		550	750	WZ-6935-94-04-011

Package: 1 pc.



Solid side panel



Perforated side panel



Side panel with brush opening

Set of elements for connecting plinths

Plinths can be joined in row or stacked.

Joining in rows

In order to join two plinths, one connecting set is needed.

Stacking

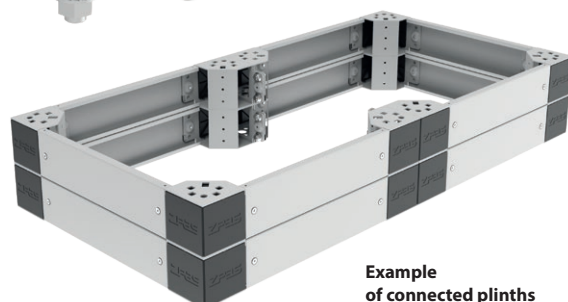
In order to stack two plinths, two connecting sets are needed.

Maximum allowed height: 4 plinths x 100 mm

Product description	Package	Catalogue number
4 bolts M10x20 4 washers 10,5 4 flange nuts M10	1 set	WZ-6935-Z1-03-000



Set of elements for connecting plinths



Example of connected plinths

ACCESSORIES FOR SZE2 CABINETS

19" SWING FRAME



Asymmetrical swing frame with 150 kg load capacity mounted in the SZE2 cabinet

Notes

Cabinet with a swing frame should be fixed to the floor of the room to prevent tipping. On customers request, we make cabinets with swing frames with the possibility of opening by 180°.

19" swing frame

Intended for SZE2 cabinets 800 and 600 mm wide.
Available in symmetrical and asymmetrical options.
Equipped with door-stop.
Two locks with double-bit insert.
Possibility of left- or right-side assembly by 180° rotation.
Maximum opening angle: 120°
Load capacity: 150 kg

Material

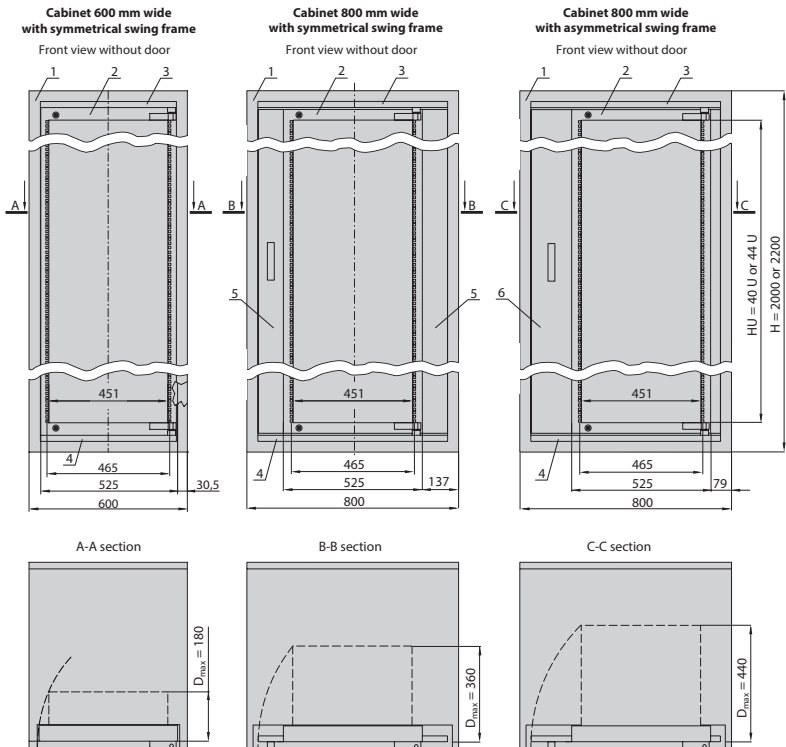
Sheet steel and steel profiles powder painted in RAL 7035

Scope of delivery

Swing frame with fixing accessories for mounting to the cabinet.

For cabinet		Usable height of the frame HU [U = 44,45 mm]	Swing frame type	Maximum depth for installations D _{max} [mm]	Catalogue number
Width [mm]	Height [mm]				
600	2000	40 U	symmetrical	180	WZ-1951-29-05-011
	2200	44 U	symmetrical	180	WZ-1951-29-08-011
800	2000	40 U	symmetrical	360	WZ-1951-29-01-011
			asymmetrical	440	WZ-1951-20-01-011
	2200	44 U	symmetrical	360	WZ-4950-26-00-011
			asymmetrical	440	WZ-4950-27-00-011

Package: 1 pc.



DESIGN

1. Cabinet frame
2. 19" swing frame
3. Top supporting bar
4. Bottom supporting bar
5. Masking panel for symmetrical frame
6. Masking panel for asymmetrical frame

ACCESSORIES FOR SZE2 CABINETS

19" SWING FRAME

19" swing frame with increased load capacity

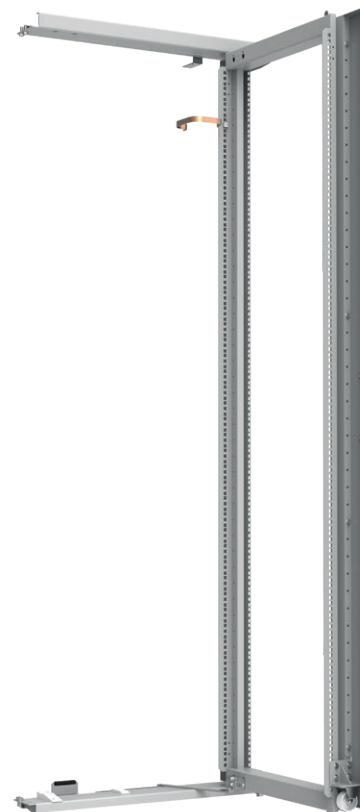
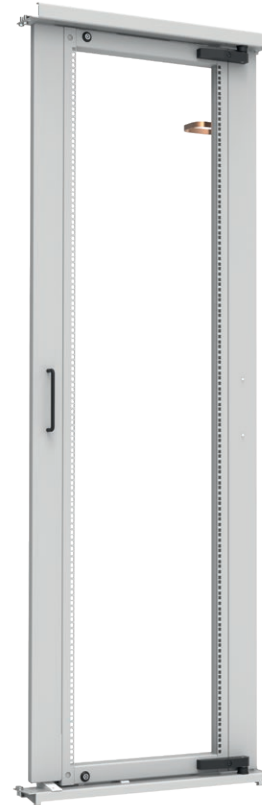
On customers request, it is possible to make SZE2 cabinet with a swing frame with a load capacity of 200 kg.

The swing frame then has an overrun wheel and the cabinet's frame has special strengthening which prevents it from deforming during opening the loaded frame.

For detailed information, please contact ZPAS sales department.



Example of SZE2 cabinet with strengthened frame equipped with a swing frame with 200 kg load capacity



ACCESSORIES FOR SZE2 CABINETS

MOUNTING PLATE



Mounting plate



Mounting plate guides



Mounting plate

The mounting plate is designed for installing different equipment inside the SZE2 cabinet.

Detailed dimensions of the mounting plates are given in the drawing on page 17.

Material

Al-Zn-coated steel sheet, 3 mm thickness;
dimensional tolerances sheet steel are normal according to EN 10143.

Scope of delivery

Mounting plate with cabinet fixing accessories.

Mounting plate guides are sold separately.

For cabinet		Catalogue number
Height [mm]	Width [mm]	
2000	600	WZ-1951-67-10-000-BP
	800	WZ-1951-67-07-000-BP
	1000	WZ-1951-67-04-000-BP
	1200	WZ-1951-67-01-000-BP
2200	600	WZ-4950-28-10-000-BP
	800	WZ-4950-28-07-000-BP
	1000	WZ-4950-28-04-000-BP
	1200	WZ-4950-28-01-000-BP

Package: 1 pc

Note:

On customers request, we make hinged mounting plates, using galvanized steel sheet or textolite plate.

The mounting plate can also be powder-painted in RAL 7035 (standard colour) or any other colour on demand.

Mounting plate guides

The guides are designed for installing the mounting plate in the SZE2 cabinet. They make inserting and positioning the plate inside the cabinet easier.

Material

Al-Zn-coated steel sheet

Scope of delivery

Set of 2 guides together with accessories for fixing them on the bottom plate of the cabinet.

For cabinet depth [mm]	Catalogue number
400	WZ-1951-64-04-000
500	WZ-1951-64-03-000
600	WZ-1951-64-02-000
800	WZ-1951-64-01-000

Package: 1 set

ACCESSORIES FOR SZE2 CABINETS

ACCESSORIES FOR MOUNTING ELECTRICAL EQUIPMENT

Electric meter box

It is used for installation of electricity meters in the SZE2 cabinet with 19" swing frame, 19" mounting profiles or mounting profiles II.

Material

Steel sheet powder painted in RAL 7035

Scope of delivery

Electric meter box with fixing accessories for mounting to the cabinet.



Installation method to the cabinet	External dimensions [mm]			Internal dimensions [mm]		Catalogue number
	height [mm]	width [mm]	depth [mm]	height [mm]	width [mm]	
On 19" mounting profiles or 19" swing frame (pages 38-39, 34-35)	444.5 (10U)	482.6	150	402	440	WZ-5716-38-01-011
			100	402	440	WZ-5716-A1-16-01-011
On mounting profiles II (page 57)	450	482.6	150	407	440	WZ-5716-38-02-011
			100	407	440	WZ-5716-A1-16-02-011
		682.6	150	407	640	WZ-5716-38-03-011
			100	407	640	WZ-5716-A1-16-03-011

Package: 1 pc

Voltage distribution panel

Universal 19" enclosure for modular devices.

Capacity of panel

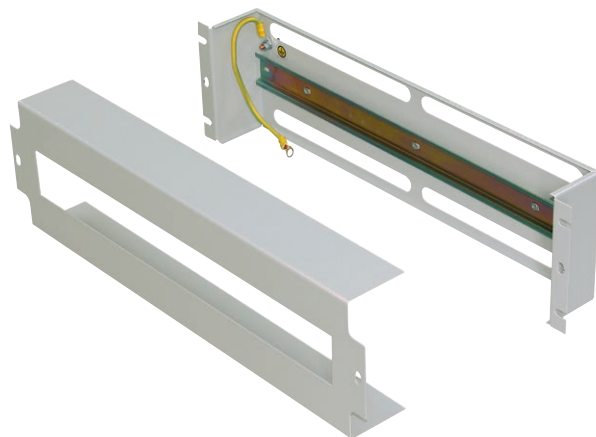
Maximum number of built-in S-type modules (width of module 17.5 mm): 22 pcs.

Material

Steel sheet powder painted in RAL 7035 or RAL 9005.

Scope of delivery

Mounting base, DIN rail, housing, fixing accessories for mounting to the cabinet.

**Note:**

On individual request, the panel can be fitted with electrical equipment.

Installation method to the cabinet	External dimensions [mm]			Internal dimensions [mm]		Catalogue number	
	height [mm]	width [mm]	depth [mm]	height [mm]	width [mm]	RAL 7035	RAL 9005
On 19" mounting profiles or 19" swing frame (pages 38-39, 34-35)	133 (3 U)	482.6	60	130	440	WZ-PS3U-00-00-011	WZ-PS3U-00-00-161

Package: 1 pc

ACCESSORIES FOR SIZE2 CABINETS

19" MOUNTING PROFILES SYSTEM

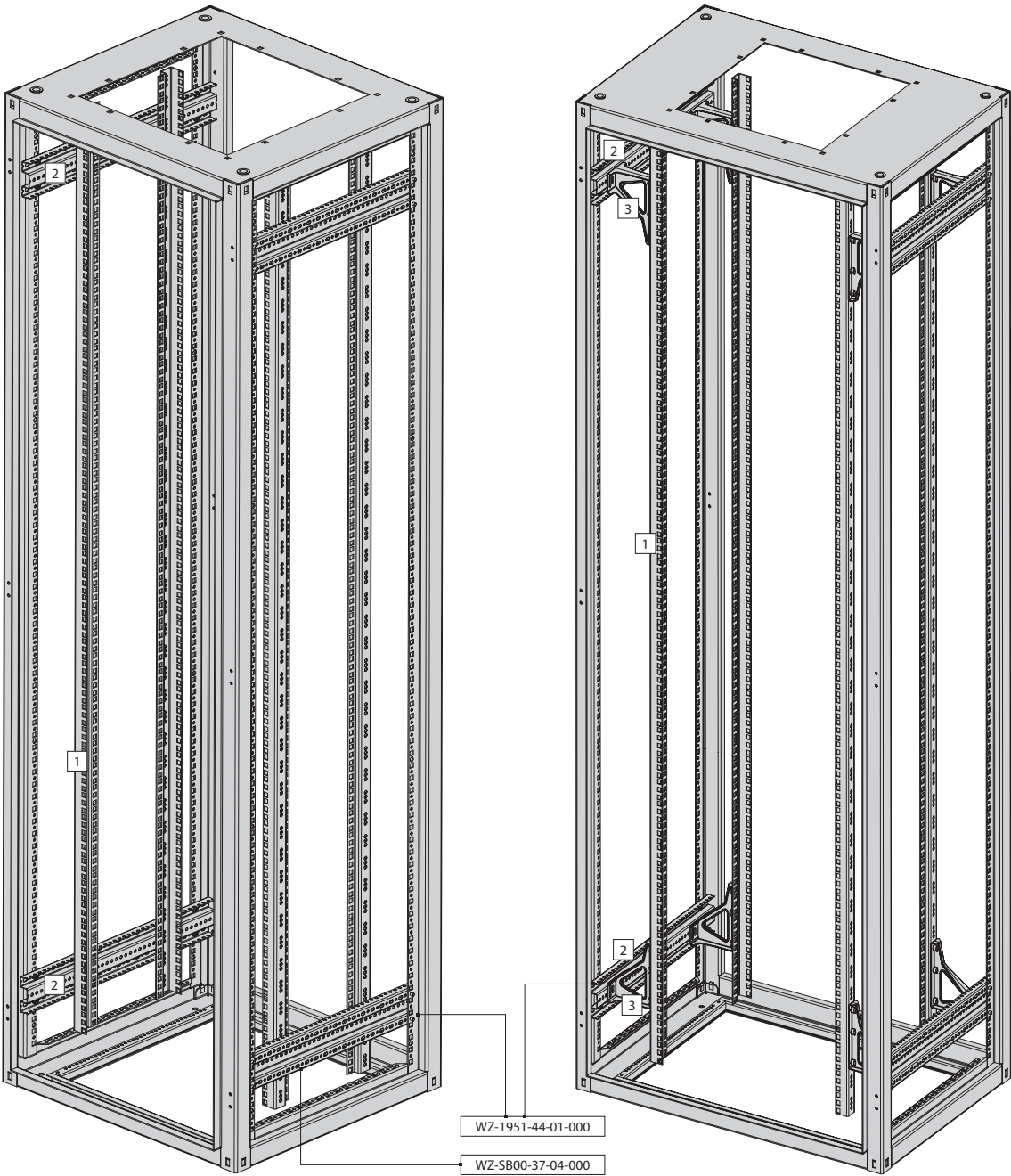
19" rack construction methods

19" rack in a cabinet with a width of 600 mm

- 1. 19" mounting profile (page 39)
- 2. Mounting bar UNI (page 42)

19" rack in a cabinet with a width of 800 mm

- 1. 19" mounting profile (page 39)
- 2. Mounting bar UNI (page 42)
- 3. Outrigger (page 39)



Used fixing accessories: WZ-1951-44-01-000 - M6x16 self-forming screws (see page 43)
WZ-SB00-37-04-000 - fixing accessories for mounting profiles (see page 57)

ACCESSORIES FOR SIZE2 CABINETS

19" MOUNTING PROFILES SYSTEM

19" mounting profile

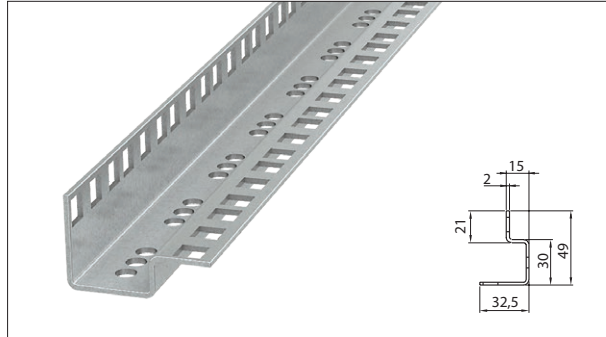
Used for installing 19" equipment in cabinets 600 or 800 mm wide. They are fixed to the cabinet's frame by using mounting bars UNI; in order to achieve the 19" spacing in cabinets 800 mm wide it is necessary to use outriggers, while in cabinets 1000 and 1200 mm wide an individual rack made of mounting bars UNI.

Material

Al-Zn coated sheet steel

Scope of delivery

Mounting profile without fixing accessories.



Length of mounting profile		Catalogue number
[mm]	[U = 44.45 mm]	
1067	24 U	WZ-1718-97-08-000
1200	27 U	WZ-1718-97-16-000
1245	28 U	WZ-1718-97-07-000
1334	30 U	WZ-1718-97-15-000
1422	32 U	WZ-1718-97-06-000
1467	33 U	WZ-1718-97-14-000

Package: 1 pc.

Length of mounting profile		Catalogue number
[mm]	[U = 44.45 mm]	
1600	36 U	WZ-1718-97-05-000
1689	38 U	WZ-1718-97-04-000
1734	39 U	WZ-1718-97-13-000
1778	40 U	WZ-1718-97-03-000
1867	42 U	WZ-1718-97-02-000
2089	47 U	WZ-1718-97-20-000

Outrigger

For fixing mounting profile in SZE2 cabinet 800 mm wide.

Material

Zamak casting

Scope of delivery

1 outrigger with fixing accessories for fastening to mounting profile and mounting bar UNI.

Package	Catalogue number
1 pc.	WZ-5205-90-00-C12

**19" transverse bar**

For installing devices on 19" mounting profiles or 19" swing frame.

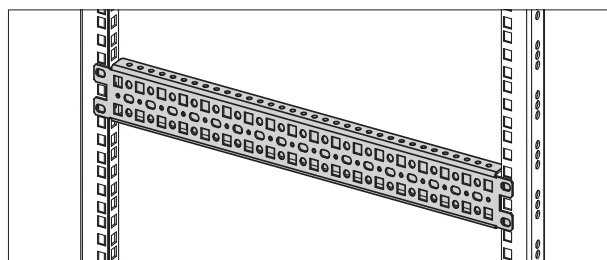
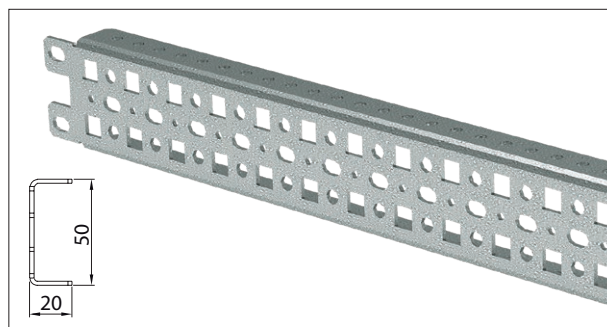
Material

Al-Zn coated sheet steel

Scope of delivery

19" transverse bar without fixing accessories
(fixing accessories: cat. no WZ-1951-44-02-000, see page 43).

Package	Catalogue number
1 pc.	WZ-6414-05-00-000



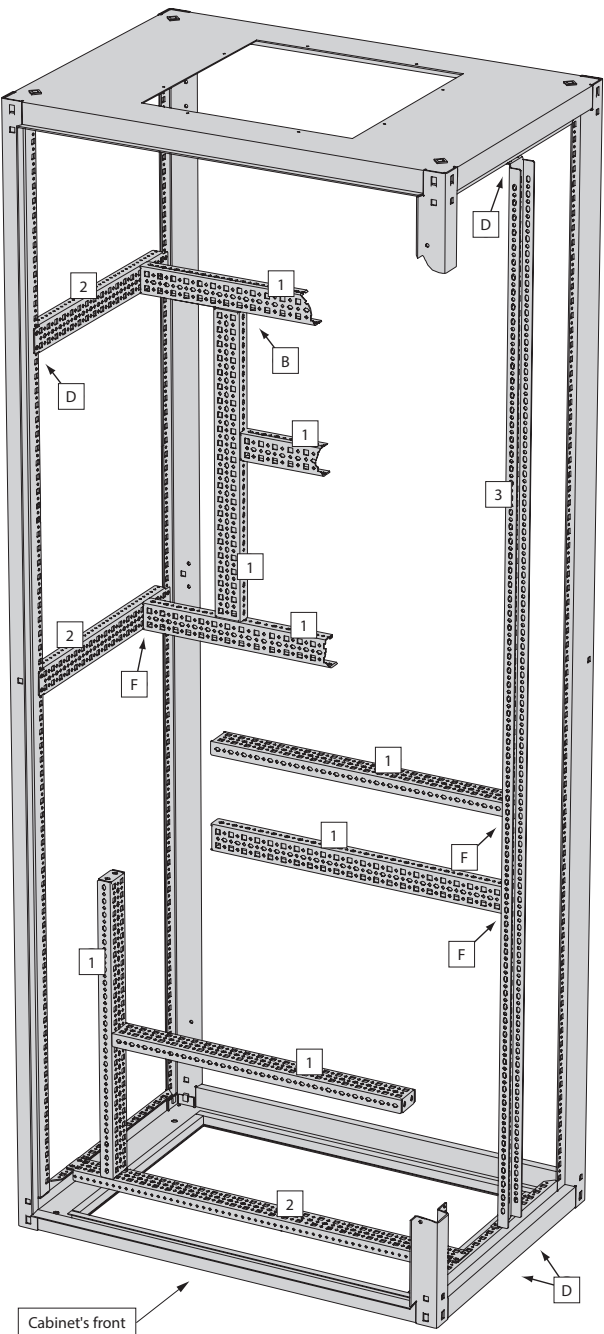
ACCESSORIES FOR SZE2 CABINETS

MOUNTING BARS SYSTEM

Rack construction methods - mounting bars system

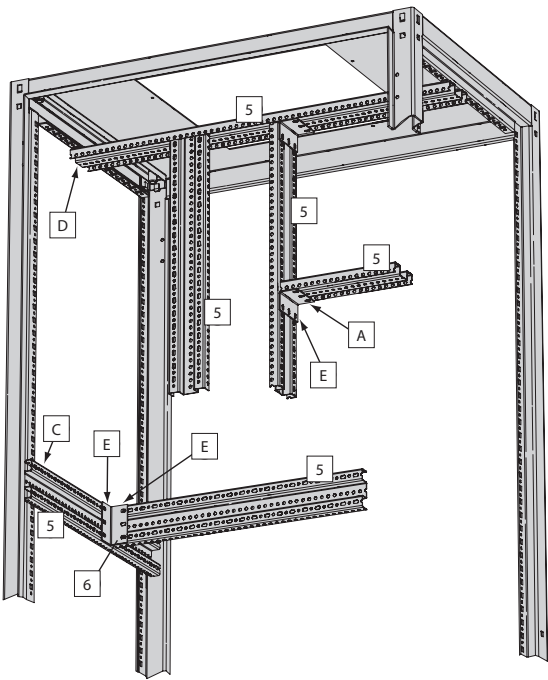
CLASSIC system

- 1. Mounting bar CLASSIC (page 41)
- 2. Cross bar CLASSIC (page 41)
- 3. Vertical bar CLASSIC (page 42)



UNI system

- 5. Mounting bar UNI (page 42)
- 6. Angle-element for joining mounting bars UNI (page 43)



FIXING ACCESSORIES

	Description	pcs.	From set* cat. number
A	screw with nut and washers	1	WZ-1951-44-03-000
B	screw with nut and washers	2	WZ-1951-44-03-000
C	self-forming screw	1	WZ-1951-44-01-000
	or screw with cage nut and washer	2	WZ-1951-44-02-000
D	self-forming screw	2	WZ-1951-44-01-000
	or screw with cage nut and washer	2	WZ-1951-44-02-000
E	self-forming screw	2	WZ-1951-44-01-000
	or screw with nut and washers	2	WZ-1951-44-03-000
F	screw with cage nut and washer	2	WZ-1951-44-02-000
	or screw with nut and washers	2	WZ-1951-44-03-000

*) Fixing accessories are sold in sets 20 pcs/1 set.
A detailed description is available on page 43.

ACCESSORIES FOR SZE2 CABINETS

MOUNTING BARS SYSTEM

Mounting bar CLASSIC

Fixed to cross bars or vertical bar.

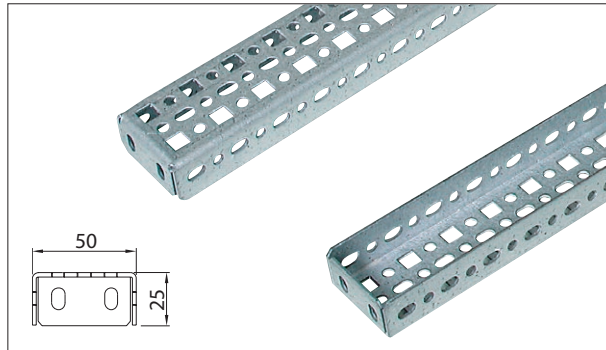
Material

Al-Zn coated sheet steel

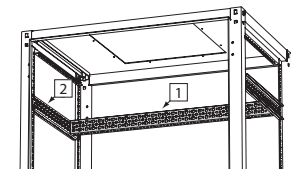
Scope of delivery

Mounting bar without fixing accessories (fixing accessories are listed on page 43).

Mounting bar length [mm]	Catalogue number	Mounting bar length [mm]	Catalogue number
200	WZ-0573-12-25-000	650	WZ-0573-12-13-000
225	WZ-0573-12-24-000	700	WZ-0573-12-12-000
250	WZ-0573-12-23-000	750	WZ-0573-12-11-000
275	WZ-0573-12-22-000	775	WZ-0573-12-10-000
300	WZ-0573-12-21-000	800	WZ-0573-12-09-000
350	WZ-0573-12-20-000	850	WZ-0573-12-08-000
400	WZ-0573-12-19-000	900	WZ-0573-12-07-000
450	WZ-0573-12-18-000	950	WZ-0573-12-06-000
500	WZ-0573-12-17-000	1000	WZ-0573-12-05-000
525	WZ-0573-12-16-000	1050	WZ-0573-12-04-000
550	WZ-0573-12-15-000	1100	WZ-0573-12-03-000
600	WZ-0573-12-14-000	1150	WZ-0573-12-02-000
Package: 1 pc.		1200	WZ-0573-12-01-000

**MATCHING MOUNTING BAR CLASSIC TO CABINET'S WIDTH**

Cabinet width [mm]	Length of mounting bar CLASSIC [mm]
600	550
800	750
1000	950
1200	1150



1. Mounting bar CLASSIC
2. Cross bar CLASSIC

Cross bar CLASSIC

Fixed to vertical or horizontal slots of the cabinet's frame.

Material

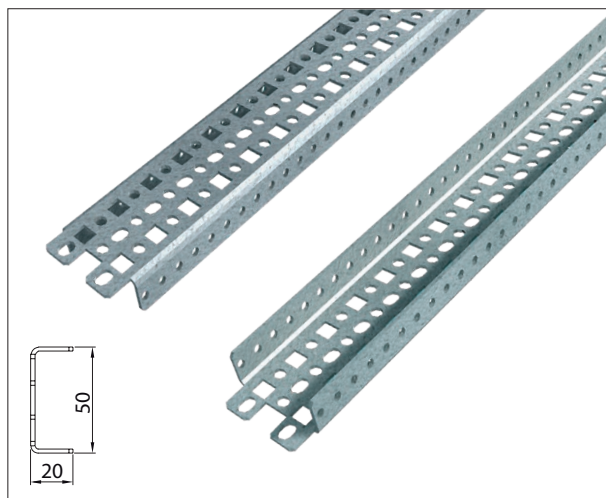
Al-Zn coated sheet steel

Scope of delivery

Cross bar without fixing accessories (fixing accessories are listed on page 43).

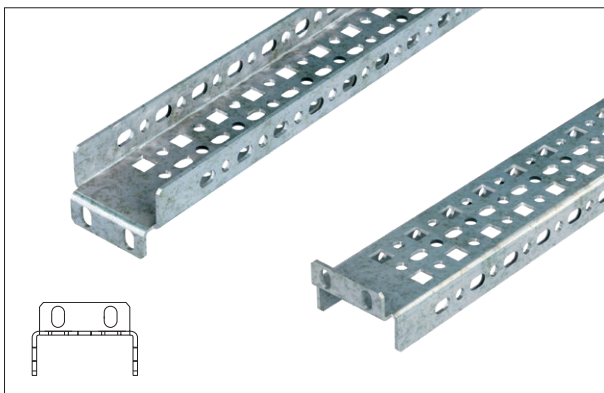
For cabinet		Cross bar length [mm]	Catalogue number
width [mm]	depth [mm]		
600	—	552.5	WZ-1951-46-08-000
800	—	752.5	WZ-1951-46-07-000
1000	—	952.5	WZ-1951-46-06-000
1200	—	1152.5	WZ-1951-46-05-000
—	400	240	WZ-1951-46-04-000
—	500	340	WZ-1951-46-03-000
—	600	440	WZ-1951-46-02-000
—	800	640	WZ-1951-46-01-000

Package: 1 pc.



ACCESSORIES FOR SZE2 CABINETS

MOUNTING BARS SYSTEM

**Vertical bar CLASSIC**

Fixed to the bottom and top plate of the cabinet's frame.

Material

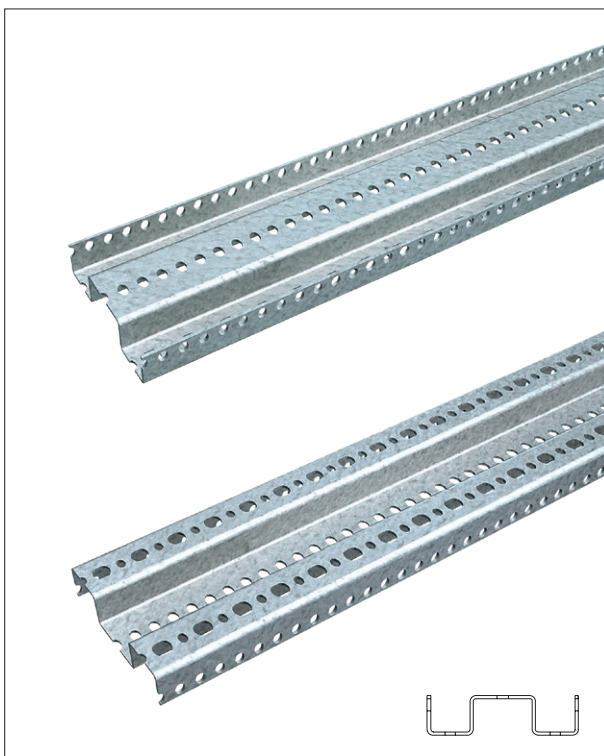
Al-Zn coated sheet steel

Scope of delivery

Vertical bar without fixing accessories (fixing accessories are listed on page 43).

For cabinet height [mm]	Vertical bar length [mm]	Catalogue number
2000	1875	WZ-1951-48-01-000
2200	2075	WZ-1951-48-05-000

Package: 1 pc.

**Mounting bar UNI**

Mounting bars UNI enable configuration of any rack inside the cabinet.

Slots in the bars are adjusted both for horizontal and vertical slots of the cabinet's frame.

The standard offer includes bars whose length is adjusted to the cabinet's dimensions (see the chart below). Other lengths of bars are available on customer's request.

It is possible to select the length of bar individually by cutting bars during the assembly.

Material

Al-Zn coated sheet steel

Scope of delivery

Mounting bar without fixing accessories.

For cabinet			Length of mounting bar [mm]	Catalogue number
height ¹ [mm]	width ² [mm]	depth ³ [mm]		
1200	—	—	1075	WZ-1951-19-04-000
1600	—	—	1475	WZ-1951-19-03-000
1800	—	—	1675	WZ-1951-19-02-000
2000	—	—	1875	WZ-1951-19-01-000
2200	—	—	2075	WZ-4950-31-00-000
—	600	—	562.5	WZ-1951-19-08-000
—	800	—	762.5	WZ-1951-19-07-000
—	1000	—	962.5	WZ-1951-19-06-000
—	1200	—	1162.5	WZ-1951-19-05-000
—	—	400	300	WZ-1951-19-12-000
—	—	500	400	WZ-1951-19-11-000
—	—	600	500	WZ-1951-19-10-000
—	—	800	700	WZ-1951-19-09-000

Package: 1 pc.

Methods of fastening bars in the cabinet (look at page 40):

¹⁾ Indirect fastening by bars cat. No from WZ-1951-19-05-000 to WZ-1951-19-08-000.

²⁾ Direct fastening to the bottom or top plate.

³⁾ Direct fastening to the cabinet's posts.

ACCESSORIES FOR SZE2 CABINETS

MOUNTING BARS SYSTEM • SHELVES

Angle element for joining mounting bars UNI

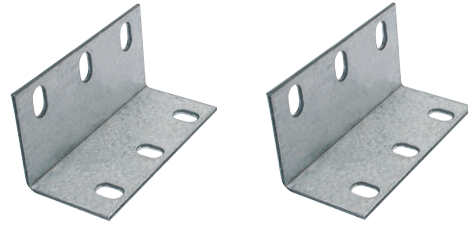
Material

Al-Zn coated sheet steel

Scope of delivery

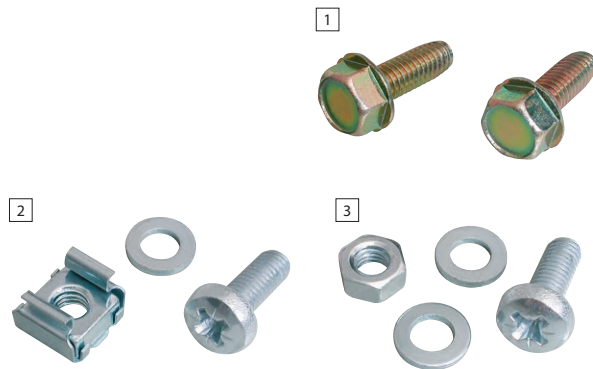
1 angle element without fixing accessories.

Package	Catalogue number
1 pc.	WZ-1951-21-00-000

Fixing accessories
for CLASSIC and UNI bars

Application in accordance with instructions on page 40.
They are sold in sets of 20 pcs. each.

Description	Package = 1 set	Catalogue number
1) Self forming screw M6x16	20 pcs.	WZ-1951-44-01-000
2) Screw M6x16 Cage nut M6 Washer 6.4	20 pcs. 20 pcs. 20 pcs.	WZ-1951-44-02-000
3) Screw M6x16 Nut M6 Washer 6.4	20 pcs. 20 pcs. 40 pcs.	WZ-1951-44-03-000



Shelves

Mounted directly to the cabinet's frame.

Material

Steel sheet powder painted in light grey (RAL 7035)

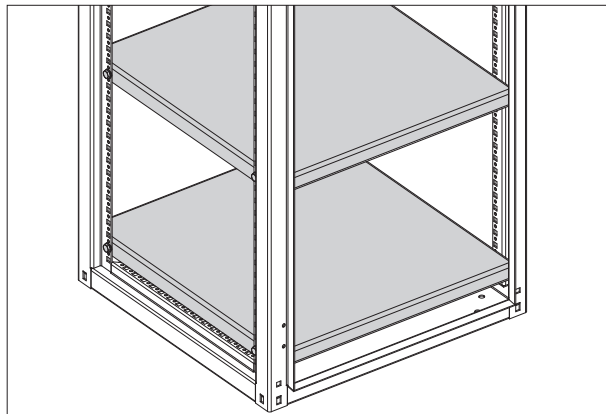
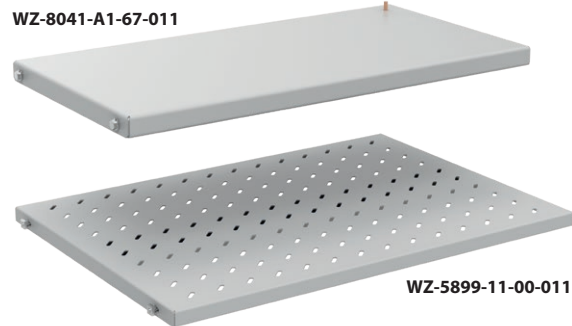
Scope of delivery

Shelf without fixing accessories.

For cabinet		Shelf dimensions* [mm]	Nośność półki [kg]	Perforation in the surface of the shelf	Catalogue number
Width [mm]	Depth [mm]				
600	600	552 x 540 x 25	100	NO	WZ-5899-09-00-011
800	600	752 x 530 x 25	100	YES	WZ-5899-11-00-011
800	500	754 x 390 x 33	200	NO	WZ-8041-A1-67-011
600	800	552 x 730 x 25	100	YES	WZ-6138-61-00-011
800	800	752 x 730 x 25	100	YES	WZ-6412-62-00-011

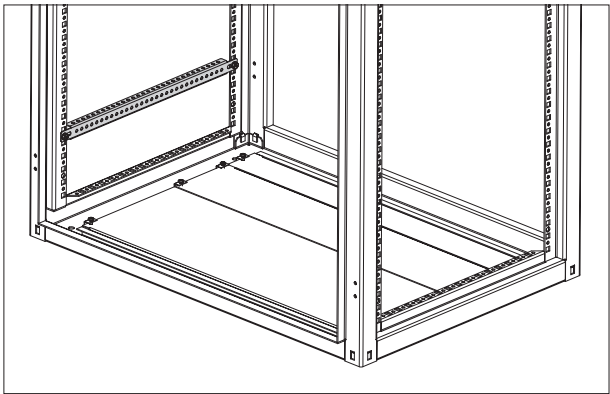
Package: 1 pc.

*) On customers request, shelves with other dimensions can be produced.



ACCESSORIES FOR SZE2 CABINETS

CABLE MANAGEMENT



Transverse cable bar

Used for cable bundle assemblies. Fixed in the horizontal position to the side of the cabinet (to slots in the frame profiles) or to the door frame.

Fixing method

using self forming screws or using screw with cage nut and washer - see page 43

Material

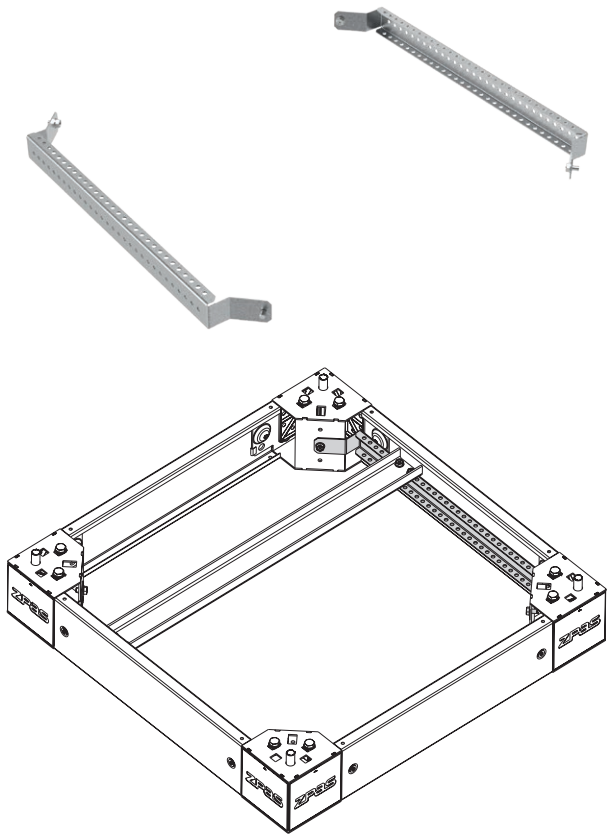
Al-Zn coated sheet steel

Scope of delivery

Transverse cable bar without fixing accessories (fixing accessories are listed on page 43).

For cabinet depth [mm]	Length of bar [mm]	Catalogue number
400	240	WZ-1951-65-04-000
500	340	WZ-1951-65-03-000
600	440	WZ-1951-65-02-000
800	640	WZ-1951-65-01-000

Package: 1 pc.



Supports for cable bar

For mounting the cable bar on the modular plinth.

Material

Al-Zn coated sheet steel

Scope of delivery

Two supports for cable bar with fixing accessories.

For cabinet depth [mm]	Catalogue number
350	WZ-6935-75-10-000
450	WZ-6935-75-08-000
550	WZ-6935-75-06-000
750	WZ-6935-75-04-000

Package: 1 set

ACCESSORIES FOR SZE2 CABINETS

CABLE MANAGEMENT

Cable bar, cable clamps

For fixing cables with cable clamps. Cable bar is to be mounted on horizontal profile of the cabinet frame or on the modular plinth.

Material

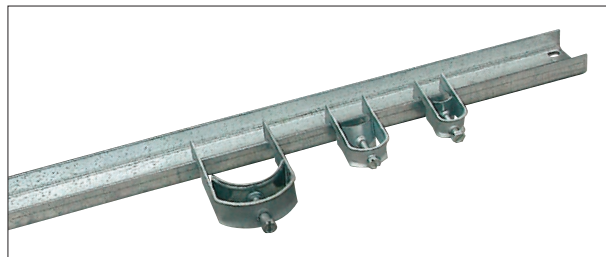
Cable bar - Al-Zn coated sheet steel

Cable clamps - zinc coated sheet steel

Scope of delivery

Cable bar sold without fixing accessories (fixing accessories are listed on page 43).

Cable clamps should be ordered separately.

**Cable clamps**

For cable diameter [mm]	Catalogue number
8-12	WZ-K12U-00-00-000/5
12-16	WZ-K16U-00-00-000/5
16-20	WZ-K20U-00-00-000/5
20-24	WZ-K24U-00-00-000/5
24-28	WZ-K28U-00-00-000/5
28-32	WZ-K32U-00-00-000/5
32-36	WZ-K36U-00-00-000/5
36-40	WZ-K40U-00-00-000/5
40-44	WZ-K44U-00-00-000/5
44-48	WZ-K48U-00-00-000/5
48-52	WZ-K52U-00-00-000/5
52-56	WZ-K56U-00-00-000/5

Package: 5 pcs

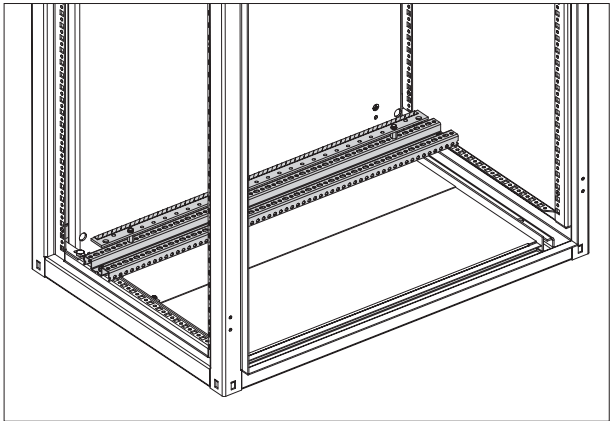
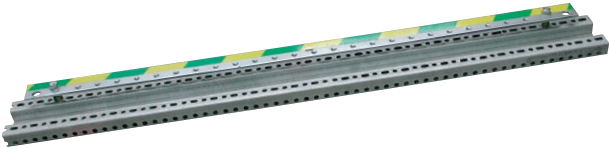
Cable bar

For cabinet width [mm]	Cable bar dimensions [mm] (length x width x height)	Catalogue number
600	558 x 49 x 20	WZ-1951-22-04-000
800	758 x 49 x 20	WZ-1951-22-03-000
1000	958 x 49 x 20	WZ-1951-22-02-000
1200	1158 x 49 x 20	WZ-1951-22-01-000

Package: 1 pc.

ACCESSORIES FOR SZE2 CABINETS

EARTHING AND SHIELDING



Earthing bar set

Consists of earthing bar and horizontal mounting bar UNI intended for fixing on the horizontal profiles of the cabinet's frame.

Earthing bar with threaded holes M8 for cables fixing.

Material

Earthing bar: zinc-coated steel rail 30 x 4 mm

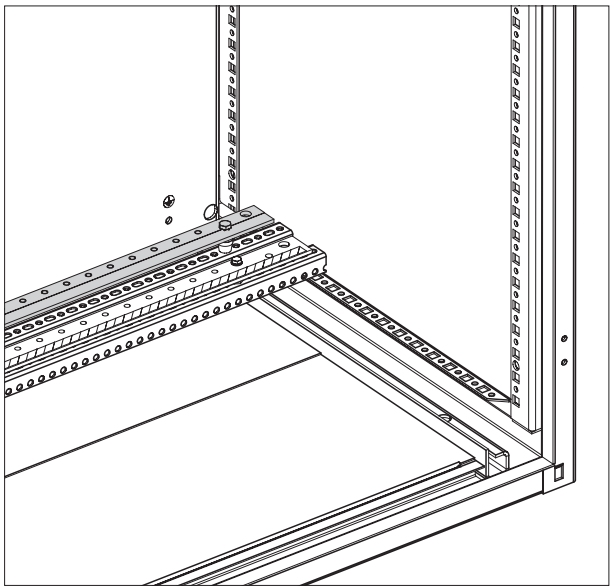
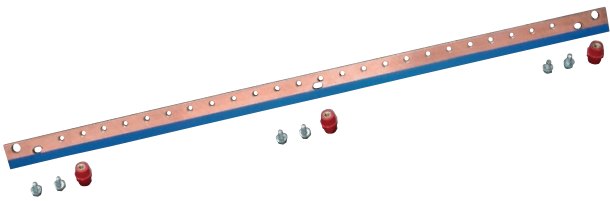
Mounting bar UNI: Al-Zn coated sheet steel

Scope of delivery

Earthing bar set with fixing accessories for assembling into the cabinet.

For cabinet width [mm]	Length of mounting bar [mm]	Length of earthing bar [mm]	Catalogue number of set
600	562.5	513.5	WZ-1951-24-04-000
800	762.5	713.5	WZ-1951-24-03-000
1000	962.5	913.5	WZ-1951-24-02-000
1200	1162.5	1113.5	WZ-1951-24-01-000

Package: 1 set



Shielding bar

Fixed on the mounting bar UNI (which is the part of earthing bar set), on the mounting bar CLASSIC or directly on the cabinet frame.

Material

Copper bar 30 x 4 mm

Scope of delivery

Shielding bar with 3 insulators and fixing screws.

For cabinet width [mm]	Length of potential equalisation bar [mm]	Catalogue number	
		Shielding bar with blue tape	Shielding bar without tape*
600	513.5	WZ-1951-25-04-000	WZ-1951-25-04-000-BT
800	713.5	WZ-1951-25-03-000	WZ-1951-25-03-000-BT
1000	913.5	WZ-1951-25-02-000	WZ-1951-25-02-000-BT
1200	1113.5	WZ-1951-25-01-000	WZ-1951-25-01-000-BT

Package: 1 pc.

*) It can be used as a earthing bar.

ACCESSORIES FOR SZE2 CABINETS

EARTHING AND SHIELDING

Earthing cable set

Copper wires for making compensation protective connections between all the removable components of the cabinet, its structure, and the earthing strip. Cables are terminated with ring terminals for M8 bolts.

Material

Copper

Scope of delivery

Set: 9 Insulated strand, full section 6 mm², fixing accessories



Package	Catalogue number
1 set	WZ-1951-33-00-000

Vertical earthing bar

Mounted vertically to the 19" swing frame using brackets. It has threaded holes M6 for cables fixing. Length: 1650 mm

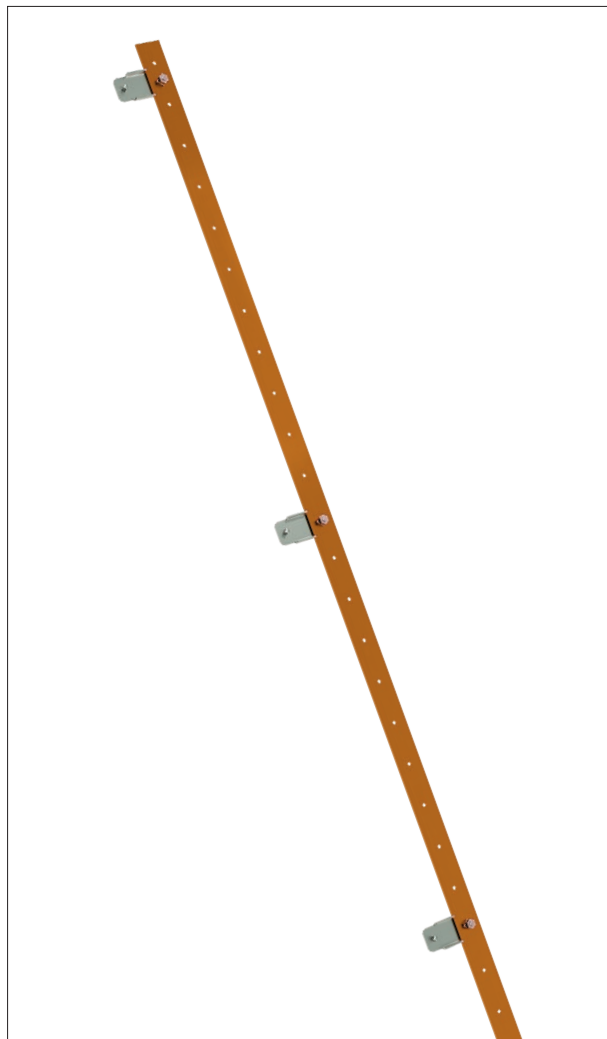
Material

Copper bar 30 x 3 mm

Scope of delivery

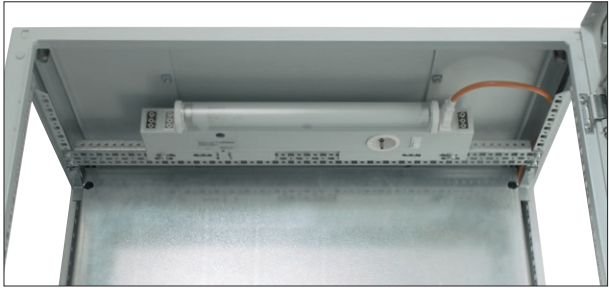
Earthing bar with brackets and fixing elements.

Package	Catalogue number
1 set	WZ-7580-11-00-000



ACCESSORIES FOR SZE2 CABINETS

LIGHTING



System lighting set

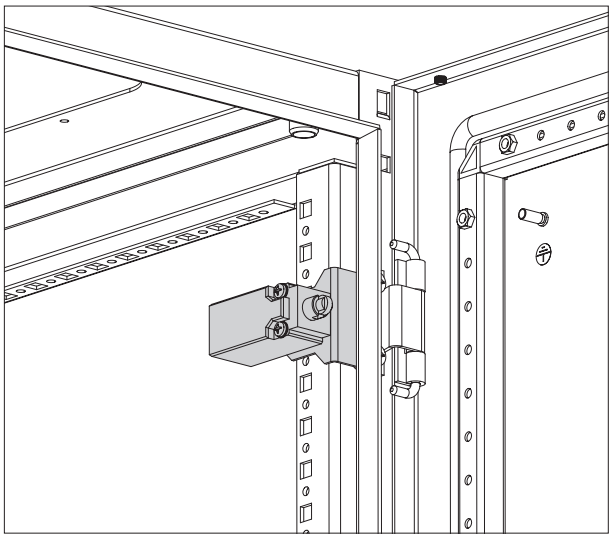
Fixed into the horizontal slots in the top part of the cabinet's frame.
Equipped with a Schuko power socket and a switch.
Possibility of direct power supply or use of the connecting cable from an adjacent lighting fitting.
Possibility of door switch control.

Material

Electric light fitting - sheet steel powder painted in RAL 7035
Mounting bar - Al-Zn coated sheet steel

Scope of delivery

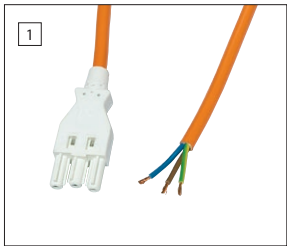
Set contains: electric light fitting with a 14 W fluorescent lamp, connecting plug , mounting bar with adjusted length to the cabinet's width, fixing accessories.
Connecting cable, power supply cable and door switch set are to be ordered separately.



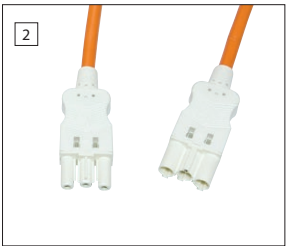
Door switch mounted in the cabinet

Product name	For cabinet width [mm]	Catalogue number
System lighting set	600	WZ-1951-80-04-011
	800	WZ-1951-80-03-011
	1000	WZ-1951-80-02-011
	1200	WZ-1951-80-01-011
Connecting cable 0.6 m	600 - 800	M1T-02-0012
Connecting cable 1.0 m	1000 - 1200	M1T-02-0011
Power supply cable 3.0 m		M1T-02-0016
Door switch set with 1.0 m cable		WN-0208-01-00-000-01

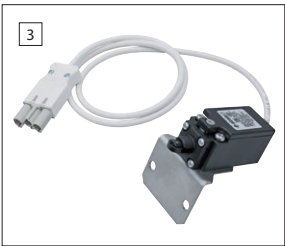
Package: 1 set



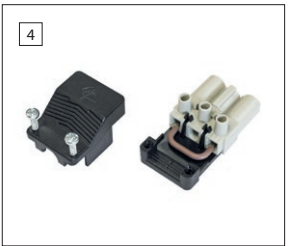
Power supply cable



Connecting cable



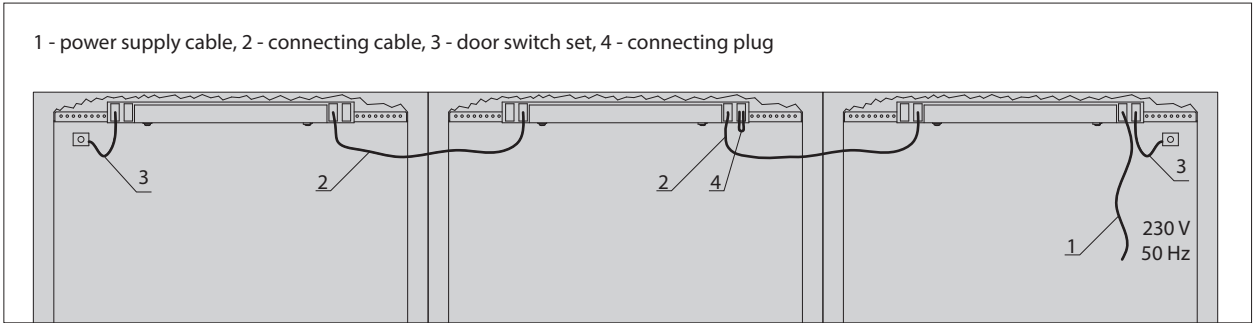
Door switch set



Connecting plug
(instead of the door switch)

CONNECTION DIAGRAM

1 - power supply cable, 2 - connecting cable, 3 - door switch set, 4 - connecting plug



ACCESSORIES FOR SZE2 CABINETS

LIGHTING

Lighting set

Fixed into horizontal slots in the top part of the cabinet's frame.

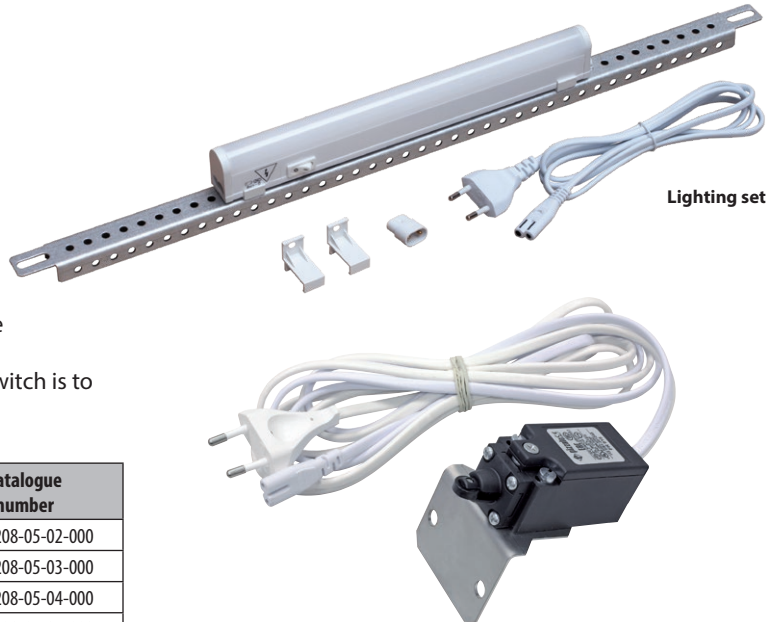
Material

Body of the light fitting - aluminium
Mounting bar - Al-Zn coated

Scope of delivery

Set: electric light fitting with a LED lamp 230 V, 5 W and switch, mounting bar, 1.5 m power supply cable, fixing accessories for mounting the set in the cabinet.

The power supply cable equipped with a door switch is to be ordered separately.



Lighting set

The power supply cable with a door switch that automatically switches on and off the light or other devices when the cabinet opens and closes

Product name	For cabinet width [mm]	Catalogue number
Lighting set	600	WN-0208-05-02-000
	800	WN-0208-05-03-000
	1000	WN-0208-05-04-000
	1200	WN-0208-05-05-000
Power supply cable 1.6 + 1.0 m with a door switch		WN-0208-04-06-000-02

Package: 1 set

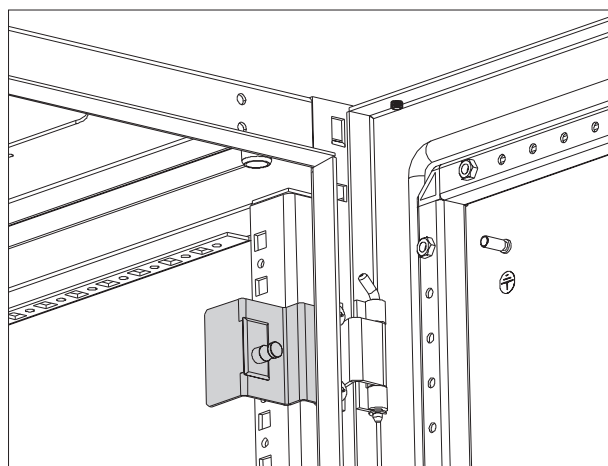
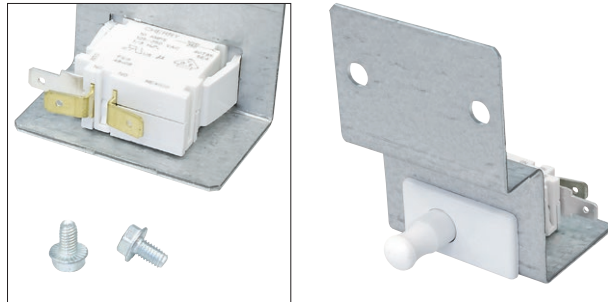
Door switch set

Mounted at the cabinet's door. Depending on wire connection, pressing the button closes or opens the circuit. Use only in circuits with safe (extra-low) voltage.

Scope of delivery

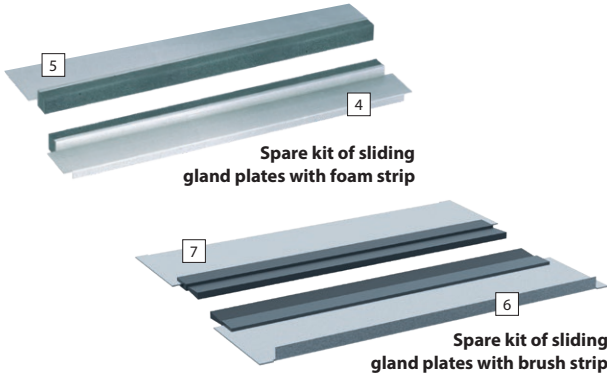
Door switch, mounting bracket, 2 screws

Package	Catalogue number
1 pc.	WZ-1951-41-03-000



ACCESSORIES FOR SZE2 CABINETS

CABLE GLAND PLATES AND BLANKING PLATES



Spare kit of sliding gland plates for cabinet's bottom plate

Sliding gland plates with foam strip (4, 5) or brush strip (6, 7) are intended for application instead of standard sliding gland plates (1, 2).

They create a cable opening with adjustable width.

Foam strip protects cable isolation lead into the cabinet from any defects, at the same time increasing the cabinet's tightness. Brush strip protects against dust.

Types, dimensions, number and spacing of openings in the bottom plate of SZE2 cabinet – see page 18.

Material

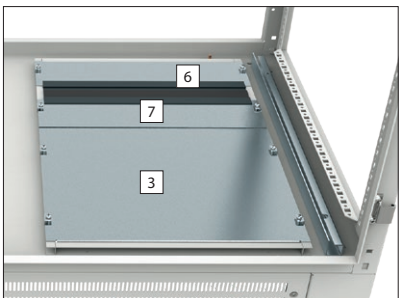
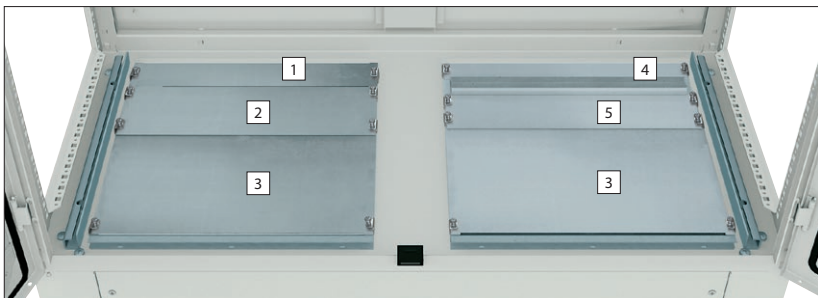
Al-Zn coated sheet steel, polyurethane foam, plastic brush.

Scope of delivery

Set of 2 sliding gland plates with foam strip (No. 4 and 5) or brush strip (No. 6 and 7). Used for one opening in SZE2 cabinet bottom plate (note: 1000 and 1200 mm wide cabinets have two openings in the bottom plate).

For cabinet width [mm]	Width of the opening for the sliding gland plate L1 [mm]	Width of the sliding gland plate L2 [mm]	Catalogue number	
			Kit of sliding gland plates with foam strip	Kit of sliding gland plates with brush strip
800	586	616	WZ-1951-81-01-000	WZ-8186-50-01-000
1200 or 600	386	416	WZ-1951-81-02-000	WZ-8186-50-02-000
1000	356	386	WZ-1951-81-03-000	WZ-8186-50-03-000

Package: 1 set



Supply of all SZE2 cabinets includes:
1, 2, 3 - standard sliding gland plates (without foam or brush) for each opening in the bottom plate of the cabinet.

Supplementary accessories:
4, 5 - spare kit of sliding gland plates with foam strip,
6, 7 - spare kit of sliding gland plates with brush strip.

Sealing set for bottom plate

Gasket for sliding gland plates.

Material

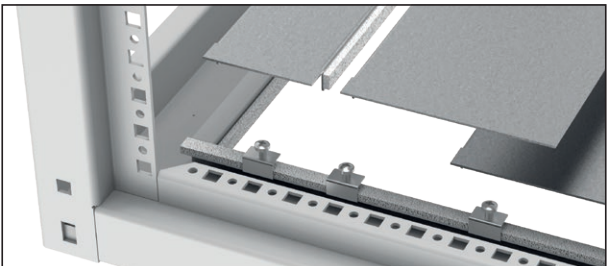
Polyurethane foam

Scope of delivery

Self-adhesive gasket, lenght 3.2 m.



Self-adhesive gasket



Package	Catalogue number
1 szt.	WZ-1951-45-10-000

ACCESSORIES FOR SZE2 CABINETS

CABLE GLAND PLATES AND BLANKING PLATES

Blanking and cable entry plates for cabinet's top plate

Available in 5 types.

For dimensions and spacing of openings in the top plate of the SZE2 cabinet, see page 19.

Material

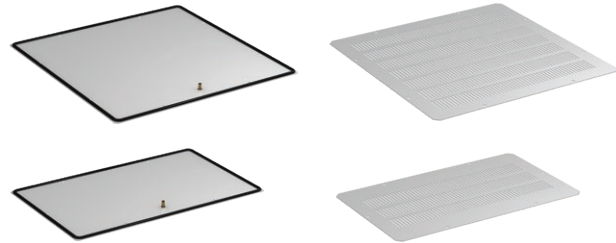
Sheet steel powder painted in RAL 7035.

Scope of delivery

Blanking or cable entry plate with mounting elements for fixing inside the cabinet.

Type of blanking or cable entry plate	Protection degree of cabinets equipped with a blanking plate		For opening [mm]	Catalogue number
	Cabinet without a roof	Cabinet with a roof		
Solid blanking plate	IP 54/55	IP 54/55	380 x 380	WZ-4810-07-00-011
			380 x 210	WZ-1951-26-00-011
Perforated blanking plate	IP 20	IP 21	380 x 380	WZ-1718-39-01-011
			380 x 210	WZ-1718-39-02-011
Blanking plate with a fabric filter	IP 10	IP 21	380 x 380	WZ-1718-42-01-011
			380 x 210	WZ-1718-42-02-011
Cable entry plate with a brush strip	IP 00	IP 21	380 x 380	WZ-5271-10-00-011
			380 x 210	WZ-5271-14-00-011
Cable entry plate with a foam strip	IP 10	IP 21	380 x 380	WZ-1718-40-01-011
			380 x 210	WZ-1718-40-02-011
Cable entry plate with a fabric filter and a brush strip	IP 00	IP 21	380 x 380	WZ-SB76-00-00-011

Package: 1 set



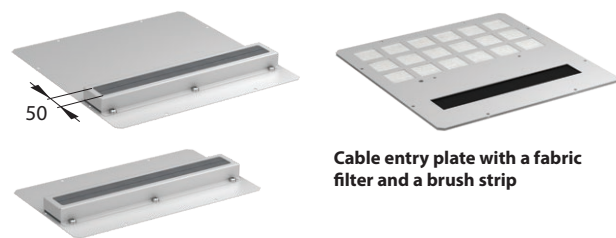
Solid blanking plates with a sealing gasket

Perforated blanking plates



Blanking plates with a fabric filter

Cable entry plates with a brush strip



Cable entry plates with a foam strip

Cable entry plate with a fabric filter and a brush strip

Kit of sliding gland plates with a foam strip

For 800 mm deep SZE2 cabinets.

Consists two foam cable entry strips.

Material

Al-Zn coated sheet steel, polyurethane foam.

Scope of delivery

Set of 4 sliding gland plates with foam, 1 central plate, fixing elements. Used for one opening in SZE2 cabinet bottom plate (note: 1000 and 1200 mm wide cabinets have two openings in the bottom plate).

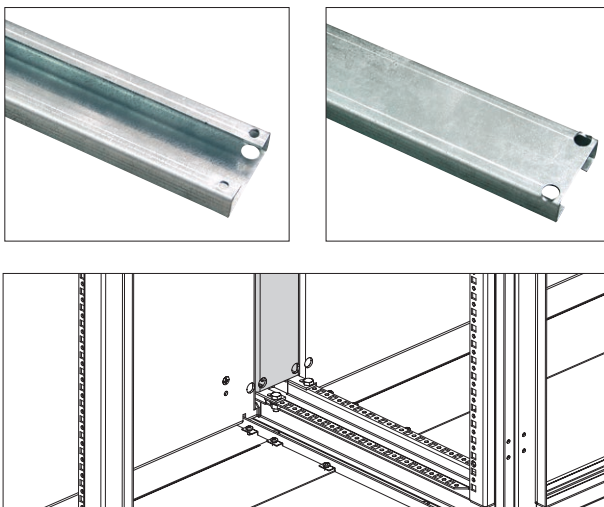
For cabinet width [mm]	Width of the opening for the sliding gland plate L1 [mm]	Width of the sliding gland plate L2 [mm]	Catalogue number
800	586	616	WZ-5716-13-05-000
1200 or 600	386	416	WZ-5716-13-07-000
1000	356	386	WZ-5716-13-03-000

Package: 1 set



ACCESSORIES FOR SZE2 CABINETS

BAYING CABINETS IN ROWS

**Mounting plate infill**

The plate infill makes it possible to achieve uniform mounting plane in cabinets bayed in rows.

Material

Zinc coated sheet steel

Scope of delivery

Mounting plate infill with fixing accessories for mounting into the cabinet.

For cabinet height [mm]	Mounting plate infill dimensions [mm] (HxWxD)	Catalogue number
2000	1867 x 86 x 30	WZ-1951-47-01-000
2200	2067 x 86 x 30	WZ-4950-30-00-000

Package: 1 pc.

**Partition**

For the cabinets bayed in rows. It is assembled in the same way as flushed side panels (see page 28).

Material

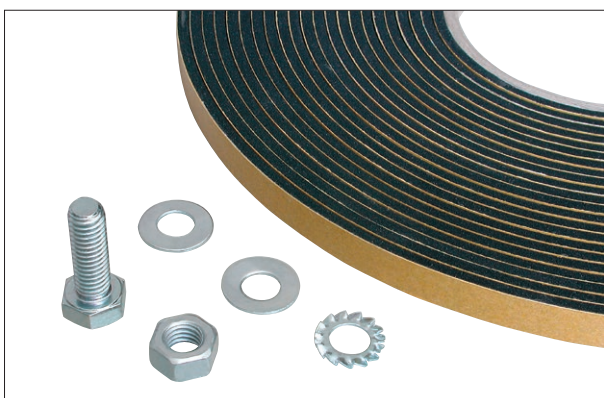
Al-Zn coated sheet steel

Scope of delivery

Partition (1 pc.) with fixing accessories for mounting into the cabinet.

For cabinet		Catalogue number
height [mm]	depth [mm]	
2000	400	WZ-1951-31-13-000
	500	WZ-1951-31-03-000
	600	WZ-1951-31-02-000
	800	WZ-1951-31-01-000
2200	500	WZ-4950-25-03-000
	600	WZ-4950-25-02-000
	800	WZ-4950-25-01-000

Package: 1 pc.

**Set of elements for baying cabinets**

For cabinets bayed in rows.
One set is required for baying two cabinets together.

Set includes	Catalogue number
Screw M8x25	6 pcs.
Nut M8	6 pcs.
Washer 8.4	12 pcs.
Toothed washer 8.4	6 pcs.
Self-adhesive gasket	6 m
	WZ-1951-45-00-000

Package: 1 set

ACCESSORIES FOR SZE2 CABINETS

HEATING, VENTILATING AND COOLING

Heater

Compact heat device equipped with fan.

Technical data

- Power supply 230 V AC 50-60 Hz
- Heating force 200/400 W
- Fan capacity 10 m³ /h
- Protection degree IP 20
- Dimensions 71x70x95 mm

Features:

- 2 power ranges depending on how connect the power cord,
- independent power supply circuit of the fan.

Scope of delivery:

- heater,
- DIN rail,
- two holders,
- screw clamps for connecting power cords.

Package	Catalogue number
1 pc.	WN-0316-09-00



Thermostat

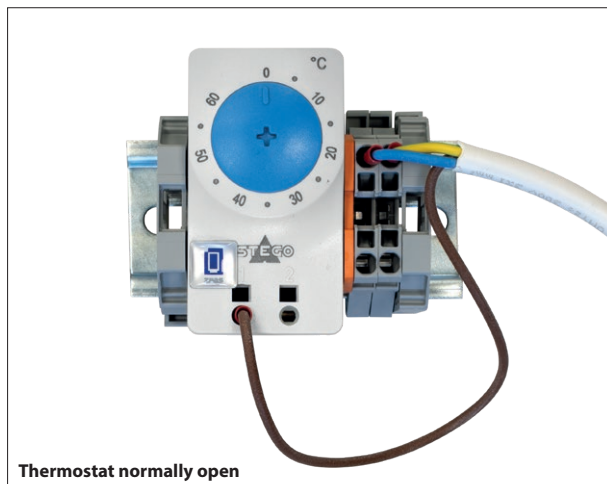
Thermostatic regulator indicated for controlling fans, heaters, heat exchanger or for attaching signal generator at exceeding preset temperature limits.

Technical data

- Sensor element:
thermal bimetal
- Temperature range:
0-60 °C, hysteresis ca. 7 °C
- Contact types:
snap action contact
- Power carrying capacity:
6 A (1) 250 V AC
- Radio frequency interference:
N (according to VDE 0875)

Scope of delivery:

- thermostat,
- DIN rail,
- cable,
- two holders,
- two clamps.

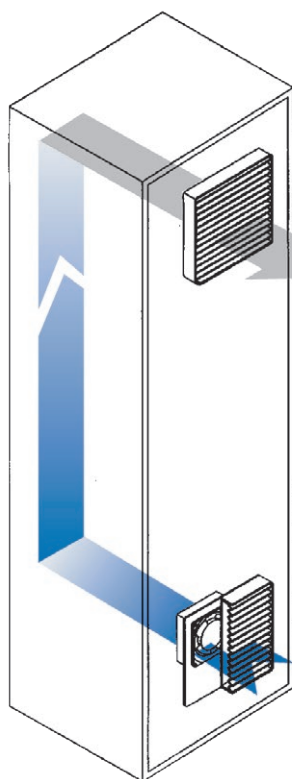


Thermostat normally open

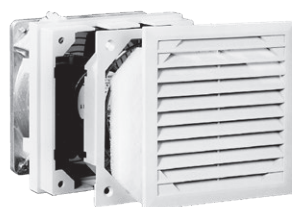
Type of thermostat	Colour of handwheel	Package	Catalogue number
Normally closed Switches off devices (e.g. heaters) at selected temperature limit.	●	1 pc.	WN-0201-01-00-000/A
Normally open Switches on ventilation system (e.g. fans) at selected temperature limit.	●	1 pc.	WN-0201-02-00-000/A

ACCESSORIES FOR SZE2 CABINETS

HEATING, VENTILATING AND COOLING



Example of ventilation of the cabinet with forced air circulation



Example of filter fans

Filter fans and exhaust filters

- Intended for mounting in side panels and door of the cabinet.
- Fastened with latches and screws.
- Enclosure made of ABS material, light grey (RAL 7035).
- Equipped with high quality filter inserts and gaskets.
- Possibility of changing direction of air flow by turning the fan.

Type of fan supply

230 V AC (50/60 Hz)

On request: 115 V AC (50/60 Hz) or 24 V DC

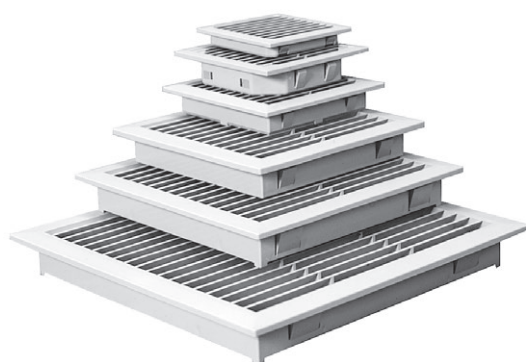
Protection degree

IP 54 in accordance with EN 60529

Selection of filter fans and exhaust filters should be consulted with ZPAS customer service.

FILTER FANS

Type	Air flow through filter fan [m³/h]		Dimensions [mm]		Catalogue number
	without filter	with filter	montage opening	overall dimensions	
LV100	25	15	92 x 92	105 x 105	M1S-01-0026
LV200	58	40	116 x 116	130 x 130	M1S-01-0043
LV250	63	42	125 x 125	148 x 148	M1S-01-0074
LV300	115	90	177 x 177	204 x 204	M1S-00-0010
LV400	250	205	223 x 223	250 x 250	M1S-00-0011
LV410	250	205	223 x 223	250 x 250	M1S-01-0070
LV500	315	235	223 x 223	250 x 250	M1S-01-0066
LV550	370	260	223 x 223	250 x 250	M1S-00-0055
LV600	580	385	292 x 292	323 x 323	M1S-01-0067
LV700	730	530	292 x 292	323 x 323	M1S-00-0045
LV800	930	610	292 x 292	323 x 323	M1S-01-0104



Exhaust filter

EXHAUST FILTER

Type	Dimensions [mm]		Catalogue number
	montage opening	overall dimensions	
GV100	92 x 92	105 x 105	M1S-03-0007
GV200	116 x 116	130 x 130	M1S-03-0023
GV250	125 x 125	148 x 148	M1S-03-0030
GV300	177 x 177	204 x 204	M1S-03-0010
GV400/500	223 x 223	250 x 250	M1S-03-0011
GV600/700	292 x 292	323 x 323	M1S-03-0031

ACCESSORIES FOR SZE2 CABINETS

HEATING, VENTILATING AND COOLING

Air conditioner and heat exchanger

On customer's request, SZE2 cabinets can be equipped with an air conditioner or heat exchanger (air/air type) fixed on the doors, side panels or in the top plate.

Mode of operation

Internal cabinet air is sucked up from the top, cooled inside the air conditioner or heat exchanger and returned the cabinet at a high speed towards the bottom. This solution ensures optimum cooling of the entire cabinet.

Protection degree

Air conditioners and heat exchangers in standard ZPAS offer have IP 54 protection degree.



Heat exchangers

AVAILABLE TYPES OF AIR CONDITIONERS**Side/door-mounted**

PROTHERM Indoor

- basic series of air conditioners
- 330-4000 W cooling power
- designed for mounting on cabinet side panel or door

SLIM

- for applications where flat air conditioner is required
- 500-3000 W cooling power
- designed for mounting on cabinet side panel or on cabinet door

PROTHERM Outdoor

- for use outdoors
- 550-4000 W cooling power
- two mounting options: outside or inside a cabinet
- optional built-in heater

Roof-mounted

TOP

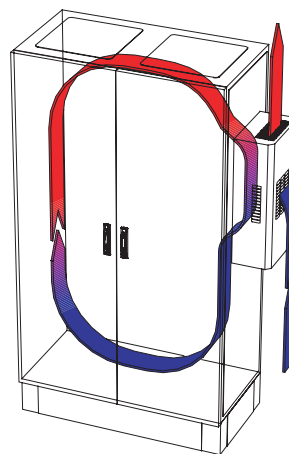
- mounted on cabinet roof
- 330-5200 W cooling power
- most models equipped with triple condensate protection system

Modular

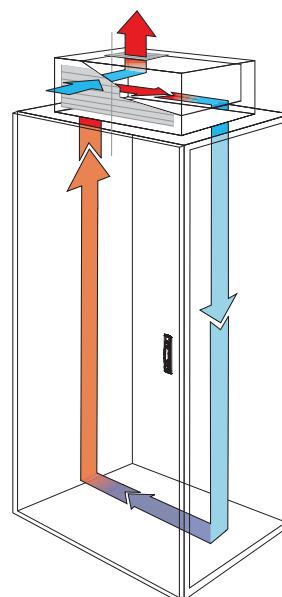
MODULE

- for cabinet sets, mounted on the side of a cabinet with a depth 600 or 800 mm
- 5800-10000 W cooling power
- all models with electronic control

Selection of the air conditioner or heat exchanger should be consulted with ZPAS customer service.



Air conditioner fixed on cabinet's side panel



Air conditioner fixed on cabinet's top plate



ACCESSORIES FOR SZE2 CABINETS

MODULAR SYSTEM



ZPAS Modular System

ZPAS Modular System is intended for designing switchgears based on SZE2 power cabinets. Modular equipment is installed on dedicated structure.

Basic elements

1. Mounting profiles II (see page 57)
2. Mounting bar UNI (see pages 57, 42)
3. Fixing accessories set (see page 57)
4. DIN rail (see page 58)
5. Assembly angles (see page 58)
6. Module panels 150, 100, 50 (see page 59)
7. Module blanking plates 150, 100, 50 (see page 59)
8. Horizontal and vertical module panels (see page 59)

Switchgears based on this design are featured with IP 30 safeto-touch (for live parts) protection degree. Once closed, SZE2 cabinets are IP 54 protected.

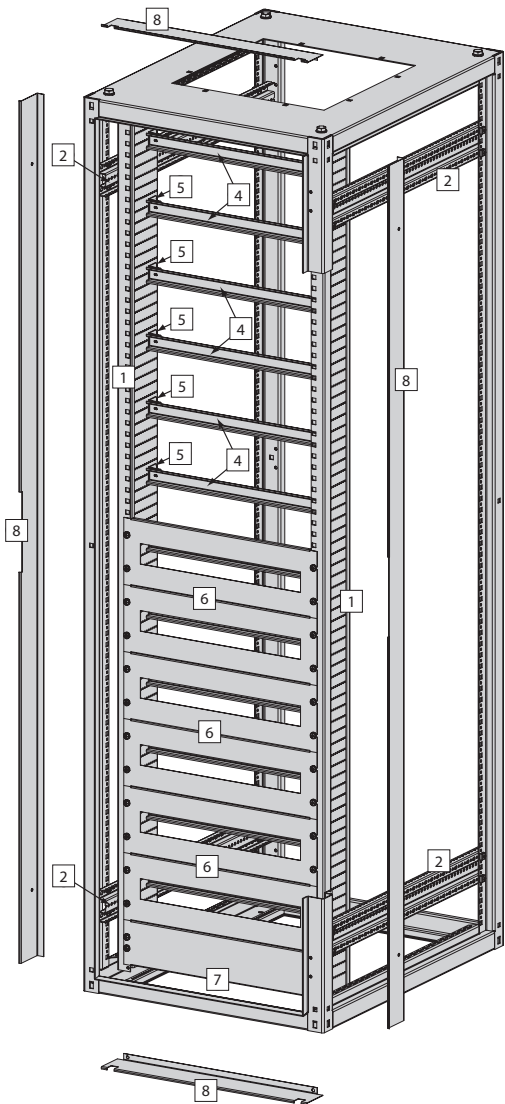
Each switchgear based on SZE2 cabinets is subdivided into bay height modules (BHM). Each module is 150 mm high.

Normally, switchgears equipped with a rail system are composed of 3 mounting zones:

- busbar system zone (3 BHMs),
- apparatus assembly zone (8 BHMs in case of the cabinets 2000 mm high),
- cable entry zone (1 BHMs + 100 mm).

With such a switchgear construction, the cabinets with the below listed dimensions (height x width) can contain the below listed number of modules of modular equipment:

cabinet 2000 mm x 600 mm – 288 modules (18 mm);
cabinet 2000 mm x 800 mm – 432 modules;
cabinet 2000 mm x 1000 mm and 2000 mm x 1200 mm – 576 modules, respectively.



ACCESSORIES FOR SZE2 CABINETS

MODULAR SYSTEM

Mounting profiles II

Mounting profiles are a racking system, and the other components of modular equipment installation sets (i.e. module panels, assembly angles and DIN rails) are attached to this system. The rail location can be smoothly adjusted with reference to the cabinet width.

Material

Al-Zn coated sheet steel

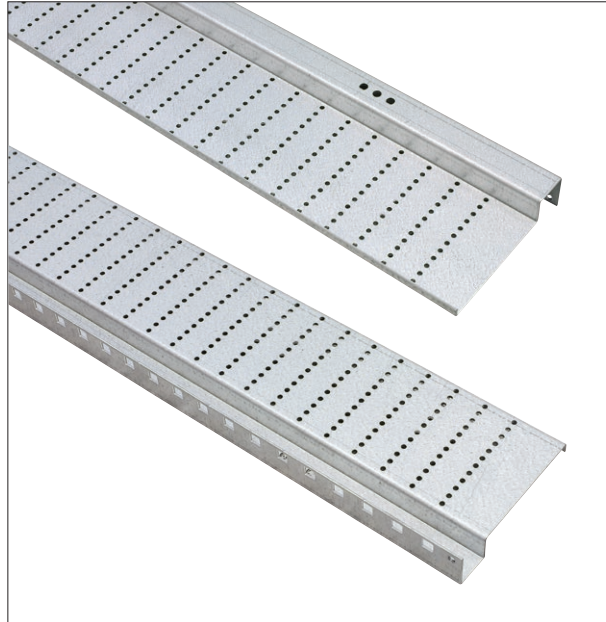
Scope of delivery

Mounting profile without fixing accessories (to be ordered separately).

For cabinet height [mm]	Capacity of mounting profile II*	Catalogue number
2000	12	WZ-4881-67-02-000
2200	14	WZ-4881-67-04-000

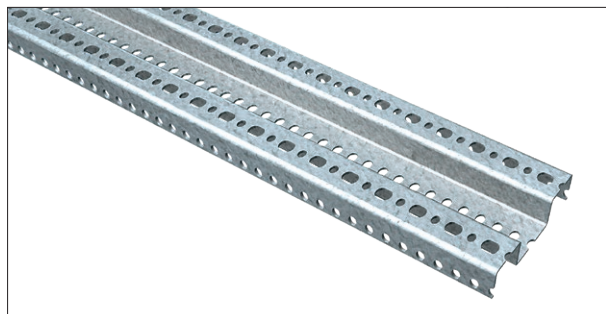
Package: 2 pc.

* Maximum number of built-in DIN rails

**Mounting bars UNI**

Four mounting bars UNI, whose length is matched to the cabinet depth, are necessary to install mounting profiles II inside SZE2 cabinet.

A detailed description of the mounting bars UNI can be found on the page 42.

**Mounting profile II fixing elements**

A set of fixing accessories for fastening 2 pcs. mounting profiles II to mounting bars UNI.

Description of set	Package	Catalogue number
Screw M6x16 - 4 pc. Nut M6 - 4 pc. Washer - 8 pcs Toothed washer - 4 pc.	1 set	WZ-SB00-37-04-000



ACCESSORIES FOR SZE2 CABINETS

MODULAR SYSTEM

**DIN rail**

The rail is intended for the installation of modular equipment.

Rail depth: 15 mm

Note: In case of cabinets 1000 and 1200 mm wide, heavy modular equipment can be installed differently. For more information, please contact ZPAS sales department.

Material

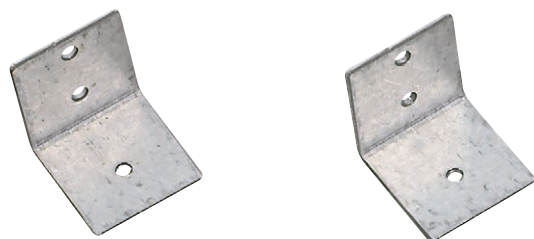
Galvanized steel sheet

Scope of delivery

DIN rail without fixing accessories.

For cabinet width [mm]	Catalogue number
600	WZ-0573-52-24-000
800	WZ-0573-52-23-000
1000	WZ-0573-52-22-000
1200	WZ-0573-52-21-000

Package: 1 pc.

**Assembly angles**

These angles are used for fixing DIN rails with the mounting profile II. Two angles are necessary to fix one rail.

Material

Al-Zn coated sheet steel

Scope of delivery

An angle (1 pc.) with fixing accessories to fix it to the mounting profile II and the DIN rail.

Package	Catalogue number
1 pc.	WZ-0573-52-30-000

**Module panel 150**

Module panels are fixed directly to the mounting profiles II. 150 mm high, the module panels are intended for hiding modular equipment installed on the DIN mounting rail.

Material

Powder painted RAL 7035 steel sheet.

Scope of delivery

Module panel with fixing accessories.

For cabinet width [mm]	Module panel capacity (number of S-type modules, 18 mm wide)	Catalogue number
600	24	WZ-4881-68-01-011
800	36	WZ-4881-68-02-011
1000	48	WZ-4881-68-03-011
1200	48	WZ-4881-68-04-011

Package: 1 pc.

ACCESSORIES FOR SZE2 CABINETS

MODULAR SYSTEM

Module blanking plates 150, 100, 50

These module blanking plates are used to fill free space left after modular equipment has been installed in the cabinet.

Depending on the cabinet height, it is necessary to use a blanking plate, other than the one 150 mm high:

- cabinet 1800 mm high – blanking plate 50 mm
- cabinet 2000 mm high – blanking plate 100 mm

Material

Powder painted RAL 7035 steel sheet.

Scope of delivery

Module panel with fixing accessories.



For cabinet width [mm]	Catalogue number		
	Module blanking plate 150 mm high	Module blanking plate 100 mm high	Module blanking plate 50 mm high
600	WZ-4881-68-05-011	WZ-4881-71-01-011	WZ-4881-72-01-011
800	WZ-4881-68-06-011	WZ-4881-71-02-011	WZ-4881-72-02-011
1000	WZ-4881-68-07-011	WZ-4881-71-03-011	WZ-4881-72-03-011
1200	WZ-4881-68-08-011	WZ-4881-71-04-011	WZ-4881-72-04-011

Package: 1 pc.

Horizontal and vertical module panels

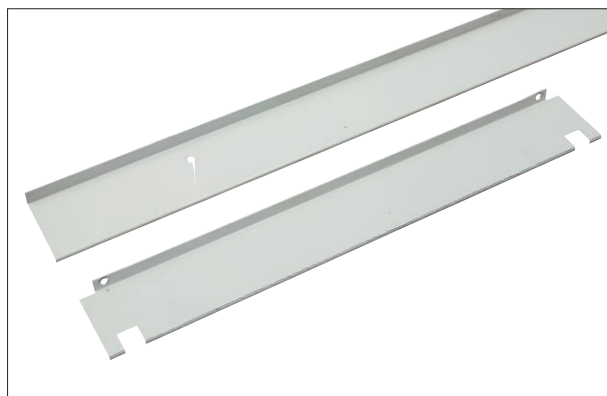
These panels are intended to protect horizontal and vertical space between mounting profiles II and cabinet frame.

Material

Powder painted RAL 7035 steel sheet

Scope of delivery

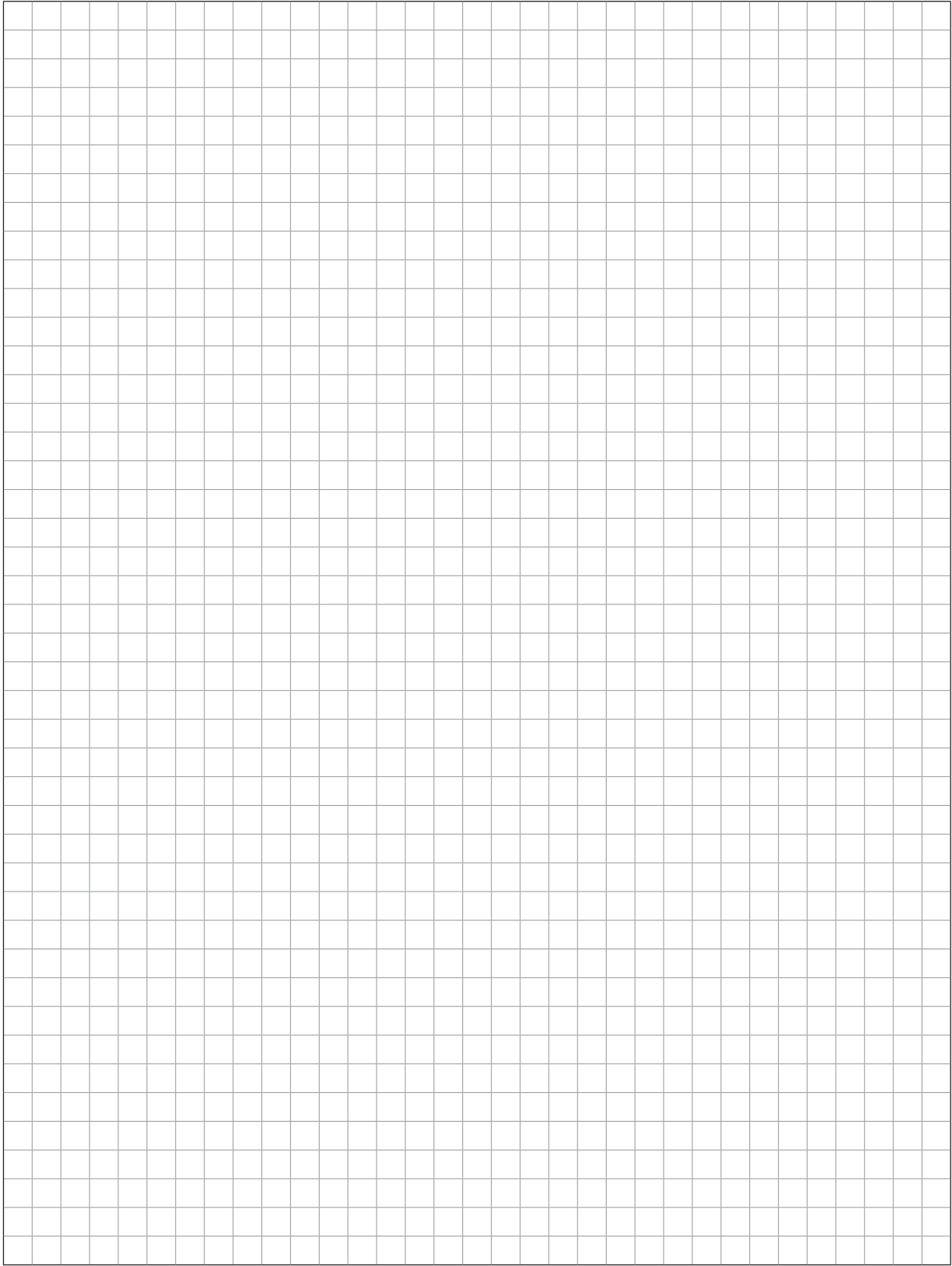
Horizontal or vertical module panel with fixing accessories.



Product name		Catalogue number
Vertical module blanking plate for the cabinets height:	2000 mm	WZ-4881-69-02-011
	2200 mm	WZ-4881-69-04-011
Horizontal module blanking plate for the cabinets width:	600 mm	WZ-4881-70-01-011
	800 mm	WZ-4881-70-02-011
	1000 mm	WZ-4881-70-03-011
	1200 mm	WZ-4881-70-04-011

Package: 1 pc.

SZE3 SYSTEM CABINETS



SZE3 SYSTEM CABINETS



SZE3 SYSTEM CABINETS

SZE3 SYSTEM CABINETS



Versatile bolted enclosure for indoor applications both in automation and power industry, for installing various devices on a mounting plate or an internal rack.

The cabinet has a frame structure, based on closed profiles, perforated in two planes. This gives unlimited possibilities for interior installation and allows to easily connect cabinets in series.

SZE3 cabinet comes in 32 varieties of sizes. For more information please contact our Sales Department to choose the suitable for your need. Other untypical dimensions (e.g. with a height of **1800 mm**) are also possible.

REFERENCE CHART



Cabinet 800 mm wide including 19" swing frame

	Total width of the cabinet [mm]	Total depth of the cabinet [mm]	Height of the cabinet without plinth [mm]	
			2000	2200
			Catalogue numbers of cabinets in basic configuration	
Cabinets with single-leaf door	600	400	WZ-SZE3-2032-S10A-00-111-00-0-011	WZ-SZE3-2216-S10A-00-111-00-0-011
		500	WZ-SZE3-2031-S10A-00-111-00-0-011	WZ-SZE3-2215-S10A-00-111-00-0-011
		600	WZ-SZE3-2030-S10A-00-111-00-0-011	WZ-SZE3-2214-S10A-00-111-00-0-011
		800	WZ-SZE3-2029-S10A-00-111-00-0-011	WZ-SZE3-2213-S10A-00-111-00-0-011
	800	400	WZ-SZE3-2028-S10A-00-111-00-0-011	WZ-SZE3-2212-S10A-00-111-00-0-011
		500	WZ-SZE3-2027-S10A-00-111-00-0-011	WZ-SZE3-2211-S10A-00-111-00-0-011
		600	WZ-SZE3-2026-S10A-00-111-00-0-011	WZ-SZE3-2210-S10A-00-111-00-0-011
		800	WZ-SZE3-2025-S10A-00-111-00-0-011	WZ-SZE3-2209-S10A-00-111-00-0-011
Cabinets with double-leaf door	1000	400	WZ-SZE3-2024-S10A-00-111-00-0-011	WZ-SZE3-2208-S10A-00-111-00-0-011
		500	WZ-SZE3-2023-S10A-00-111-00-0-011	WZ-SZE3-2207-S10A-00-111-00-0-011
		600	WZ-SZE3-2022-S10A-00-111-00-0-011	WZ-SZE3-2206-S10A-00-111-00-0-011
		800	WZ-SZE3-2021-S10A-00-111-00-0-011	WZ-SZE3-2205-S10A-00-111-00-0-011
	1200	400	WZ-SZE3-2020-S10A-00-111-00-0-011	WZ-SZE3-2204-S10A-00-111-00-0-011
		500	WZ-SZE3-2019-S10A-00-111-00-0-011	WZ-SZE3-2203-S10A-00-111-00-0-011
		600	WZ-SZE3-2018-S10A-00-111-00-0-011	WZ-SZE3-2202-S10A-00-111-00-0-011
		800	WZ-SZE3-2017-S10A-00-111-00-0-011	WZ-SZE3-2201-S10A-00-111-00-0-011



Cabinet 800 mm wide including mounting plate, without side panels

TECHNICAL DATA

Standard compliance

Cabinets are made in accordance with EN 62208 standard
Protection degree enclosures: **IP 55** compliant with EN 60529

Material and surface finishing

Cabinet's frame - galvanized steel sheet

Doors, panels, plinth - steel sheet powder painted in RAL 7035 (epoxide-polyester paint of coarse-grained structure, applied for internal conditions).

Mounting plate, swing frame - galvanized steel sheet and profiles

Mounting bars - aluzinc steel sheet



SZE3 cabinets are UL certified

SCOPE OF DELIVERY

Cabinet in basic configuration includes: cabinet's frame, front door with a lock that incl. double-bit insert (no handle), rear panel, mounting plate for the full height of the cabinet, top panel, set of sliding gland plates for cabinet's bottom plate. Side panels, plinth, lifting eyes, swing frame and other supplementary accessories should be ordered separately.

CABINET DESIGN

Screwed framework of the cabinet

Closed-profile bolted design for high rigidity. Shape of the profiles ensures full symmetry of the cabinet frame, allowing doors and panels to be installed on either side plane. Each profile has a perforation with pitch of 25 mm on two planes, which makes the interior highly configurable. The material used gives increased corrosion resistance and simple galvanic connection of unpainted parts that are attached directly to the frame. In this way there is a possibility to avoid any additional ground connections.

The perforation is designed for M6 self-tapping screws and special M8 cage nuts.

The perforation modular arrangement in the cabinet frame is compliant with the EN 60917 standard.

Door

Door is made of steel sheet powder coated in RAL 7035. The door can be mounted to the frame at any plane, on four hinges with an opening angle of 150°. With its symmetric design, the door can be mounted for either left or right handing. The door comes with 25 mm perforated stiffening frame as standard. The door has a four-point rod lock as standard. Cabinets with widths of 1000 mm and 1200 mm have a double door; cabinets with widths of 800 and 600 mm have a single leaf door. On request, we can deliver glazed and/or ventilated door, see pages 68-69.

Rear panel and side panels

Simple and quick installation with screws. Due to the frame symmetry, for cabinets of the same width and depth they may be used interchangeably. Rear and side panels are made of steel sheet powder-coated in standard RAL 7035. They have M8 earthing bolts as standard.

Top panel

Steel panel, powder painted in RAL 7035, with a sealing gasket. Serves as the top plate. Comes as a solid version and a version with a 380 x 380 or 380 x 210 mm opening (for blanking plate or fan unit).

Bottom plate

Perforated plate with 3 sliding blanking plates (the same as in SZE2 cabinet). The blanking plates are fixed with special cut-in screws that ensure continuity of equipotential bonding (earthing).

Bottom plate and the blanking plates can be removed to achieve a cable grommet virtually as large as the cabinet base.

Mounting plate

The cabinet is fitted with a galvanized mounting plate with a thickness of 3 mm as standard. It can be mounted at any depth of the cabinet. What's important, the mounting plate can be installed as far as the cabinet's back between the rear posts of the frame, all the mounting space in the cabinet can be used completely.

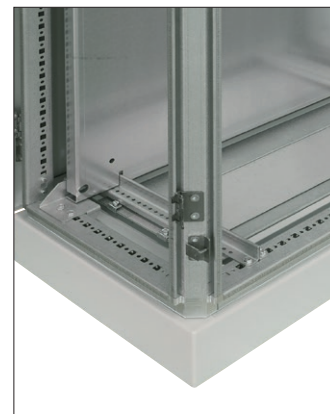
The mounting plate is fitted with guides for easy installation in the cabinet, as standard.

Earthing

All the necessary elements have M8 bolts for earthing them to anywhere in the cabinet frame.

Compatible with third-party installation systems

The SZE3 cabinet framework allows the use of the **Lütze LSC** Wiring System.

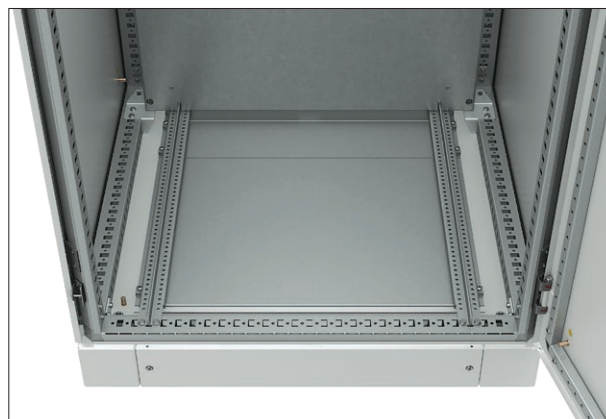


See the video:
zpas.pl/qr/f12

SZE3 SYSTEM CABINETS



SZE3 cabinet 800 mm wide, without side panels, intended for baying in rows



REFERENCE CHART – cabinets with a width of 600 mm

Dimensions of cabinet's frame [mm]	Height H	2000	2000	2000
	Width W	600	600	600
	Depth D	400	500	600
Dimensions of mounting plate [mm]	Height HP	1921	1921	1921
	Width WP	496	496	496

		Page	Package	Catalogue numbers		
SZE3 cabinet*			1 pc.	WZ-SZE3-2032-S10A-00-111-00-0-011	WZ-SZE3-2031-S10A-00-111-00-0-011	WZ-SZE3-2030-S10A-00-111-00-0-011
Supplementary accessories**	Side panels	75	2 pcs	WZ-6282-18-08-011	WZ-6282-18-07-011	WZ-6282-18-06-011
	Mounting plates infill	90	1 pc.	WZ-6282-24-02-000	WZ-6282-24-02-000	WZ-6282-24-02-000
	19" symmetrical swing frame	82	1 pc.	—	—	—
	Earthing bar	98	1 pc.	WZ-6282-78-04-000	WZ-6282-78-04-000	WZ-6282-78-04-000
	Shielding bar	98	1 pc.	WZ-6282-79-04-000	WZ-6282-79-04-000	WZ-6282-79-04-000

REFERENCE CHART – cabinets with a width of 800 mm

Dimensions of cabinet's frame [mm]	Height H	2000	2000	2000
	Width W	800	800	800
	Depth D	400	500	600
Dimensions of mounting plate [mm]	Height HP	1921	1921	1921
	Width WP	696	696	696

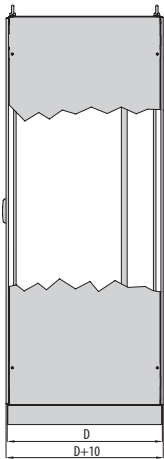
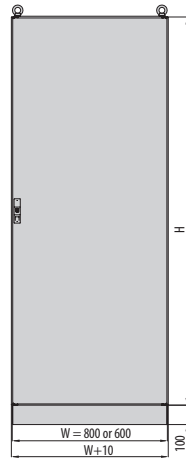
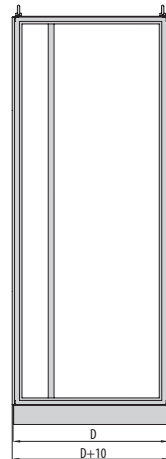
		Page	Package	Catalogue numbers		
SZE3 cabinet*			1 pc.	WZ-SZE3-2028-S10A-00-111-00-0-011	WZ-SZE3-2027-S10A-00-111-00-0-011	WZ-SZE3-2026-S10A-00-111-00-0-011
Supplementary accessories**	Side panels	75	2 pcs	WZ-6282-18-08-011	WZ-6282-18-07-011	WZ-6282-18-06-011
	Mounting plates infill	90	1 pc.	WZ-6282-24-02-000	WZ-6282-24-02-000	WZ-6282-24-02-000
	19" symmetrical swing frame	82	1 pc.	WZ-6282-63-02-C08	WZ-6282-63-02-C08	WZ-6282-63-02-C08
	Earthing bar	98	1 pc.	WZ-6282-78-03-000	WZ-6282-78-03-000	WZ-6282-78-03-000
	Shielding bar	98	1 pc.	WZ-6282-79-03-000	WZ-6282-79-03-000	WZ-6282-79-03-000

*) SZE2 cabinet - scope of delivery: cabinet's frame, front door with a lock that incl. double-bit insert (no handle), rear panel, mounting plate for the full height of the cabinet, solid top panel, set of sliding gland plates for cabinet's bottom plate. Side panels, plinth, lifting eyes and other supplementary accessories should be ordered separately.

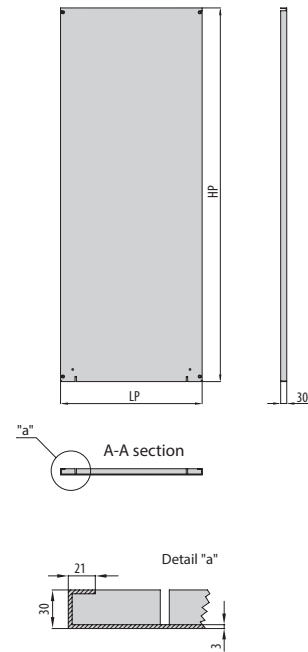
**) Detailed list of supplementary accessories: pages 71-101

SYSTEM CABINETS

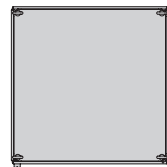
SZE3

Side view
(cabinet with side panel)Front view
(cabinet with single-leaf door)Side view
(cabinet without side panels)

Mounting plate



Top view



2000	2200	2200	2200	2200
600	600	600	600	600
800	400	500	600	800
1921	2121	2121	2121	2121
496	496	496	496	496

Catalogue numbers

WZ-SZE3-2029-S10A-00-111-00-0-011	WZ-SZE3-2216-S10A-00-111-00-0-011	WZ-SZE3-2215-S10A-00-111-00-0-011	WZ-SZE3-2214-S10A-00-111-00-0-011	WZ-SZE3-2213-S10A-00-111-00-0-011
WZ-6282-18-05-011	WZ-6282-18-04-011	WZ-6282-18-03-011	WZ-6282-18-02-011	WZ-6282-18-01-011
WZ-6282-24-02-000	WZ-6282-24-01-000	WZ-6282-24-01-000	WZ-6282-24-01-000	WZ-6282-24-01-000
—	—	—	—	—
WZ-6282-78-04-000	WZ-6282-78-04-000	WZ-6282-78-04-000	WZ-6282-78-04-000	WZ-6282-78-04-000
WZ-6282-79-04-000	WZ-6282-79-04-000	WZ-6282-79-04-000	WZ-6282-79-04-000	WZ-6282-79-04-000

2000	2200	2200	2200	2200
800	800	800	800	800
800	400	500	600	800
1921	2121	2121	2121	2121
696	696	696	696	696

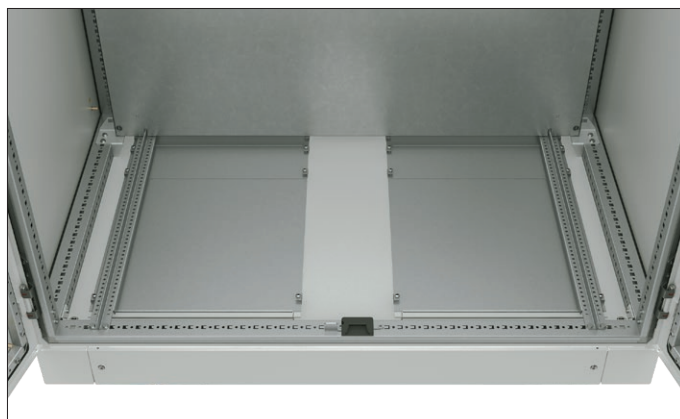
Catalogue numbers

WZ-SZE3-2025-S10A-00-111-00-0-011	WZ-SZE3-2212-S10A-00-111-00-0-011	WZ-SZE3-2211-S10A-00-111-00-0-011	WZ-SZE3-2210-S10A-00-111-00-0-011	WZ-SZE3-2209-S10A-00-111-00-0-011
WZ-6282-18-05-011	WZ-6282-18-04-011	WZ-6282-18-03-011	WZ-6282-18-02-011	WZ-6282-18-01-011
WZ-6282-24-02-000	WZ-6282-24-01-000	WZ-6282-24-01-000	WZ-6282-24-01-000	WZ-6282-24-01-000
WZ-6282-63-02-C08	WZ-6282-63-01-C08	WZ-6282-63-01-C08	WZ-6282-63-01-C08	WZ-6282-63-01-C08
WZ-6282-78-03-000	WZ-6282-78-03-000	WZ-6282-78-03-000	WZ-6282-78-03-000	WZ-6282-78-03-000
WZ-6282-79-03-000	WZ-6282-79-03-000	WZ-6282-79-03-000	WZ-6282-79-03-000	WZ-6282-79-03-000

SZE3 SYSTEM CABINETS



SZE3 cabinet 1200 mm wide, without side panels, intended for baying in rows



REFERENCE CHART – cabinets with a width of 1000 mm

Dimensions of cabinet's frame [mm]	Height H	2000	2000	2000
	Width W	1000	1000	1000
	Depth D	400	500	600
Dimensions of mounting plate [mm]	Height HP	1921	1921	1921
	Width WP	896	896	896

		Page	Package	Catalogue numbers		
SZE3 cabinet*			1 pc.	WZ-SZE3-2024-S10A-00-111-00-0-011	WZ-SZE3-2023-S10A-00-111-00-0-011	WZ-SZE3-2022-S10A-00-111-00-0-011
Supplementary accessories**	Side panels	75	2 pcs	WZ-6282-18-08-011	WZ-6282-18-07-011	WZ-6282-18-06-011
	Mounting plates infill	90	1 pc.	WZ-6282-24-02-000	WZ-6282-24-02-000	WZ-6282-24-02-000
	19" symmetrical swing frame	82	1 pc.	—	—	—
	Earthing bar	98	1 pc.	WZ-6282-78-02-000	WZ-6282-78-02-000	WZ-6282-78-02-000
	Shielding bar	98	1 pc.	WZ-6282-79-02-000	WZ-6282-79-02-000	WZ-6282-79-02-000

REFERENCE CHART – cabinets with a width of 1200 mm

Dimensions of cabinet's frame [mm]	Height H	2000	2000	2000
	Width W	1200	1200	1200
	Depth D	400	500	600
Dimensions of mounting plate [mm]	Height HP	1921	1921	1921
	Width WP	1096	1096	1096

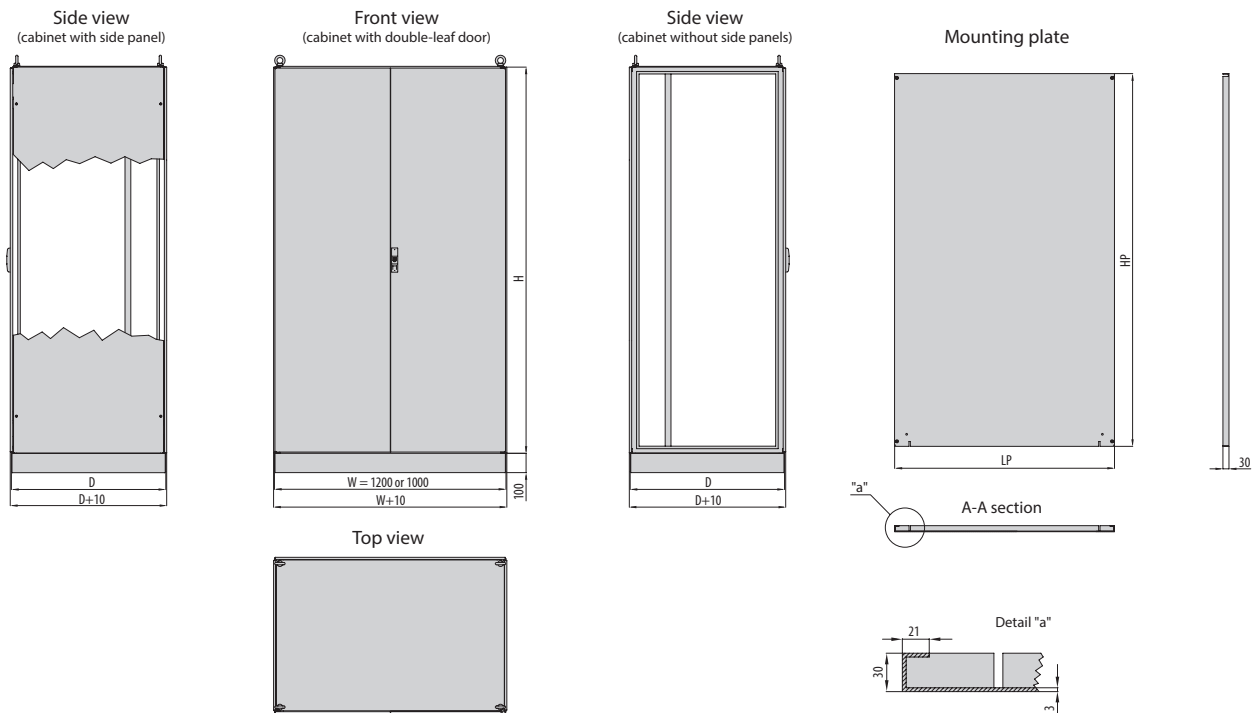
		Page	Package	Catalogue numbers		
SZE3 cabinet*			1 pc.	WZ-SZE3-2020-S10A-00-111-00-0-011	WZ-SZE3-2019-S10A-00-111-00-0-011	WZ-SZE3-2018-S10A-00-111-00-0-011
Supplementary accessories**	Side panels	75	2 pcs	WZ-6282-18-08-011	WZ-6282-18-07-011	WZ-6282-18-06-011
	Mounting plates infill	90	1 pc.	WZ-6282-24-02-000	WZ-6282-24-02-000	WZ-6282-24-02-000
	19" symmetrical swing frame	82	1 pc.	—	—	—
	Earthing bar	98	1 pc.	WZ-6282-78-01-000	WZ-6282-78-01-000	WZ-6282-78-01-000
	Shielding bar	98	1 pc.	WZ-6282-79-01-000	WZ-6282-79-01-000	WZ-6282-79-01-000

*) SZE2 cabinet - scope of delivery: cabinet's frame, front door with a lock that incl. double-bit insert (no handle), rear panel, mounting plate for the full height of the cabinet, solid top panel, set of sliding gland plates for cabinet's bottom plate. Side panels, plinth, lifting eyes and other supplementary accessories should be ordered separately.

**) Detailed list of supplementary accessories: pages 71-101

SYSTEM CABINETS

SIZE3



2000	2200	2200	2200	2200
1000	1000	1000	1000	1000
800	400	500	600	800
1921	2121	2121	2121	2121
896	896	896	896	896

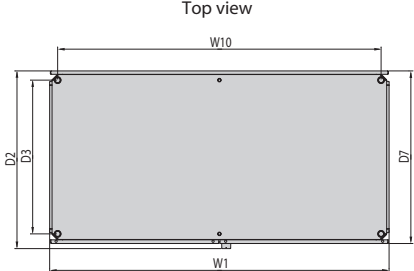
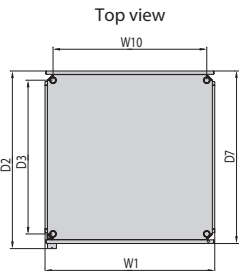
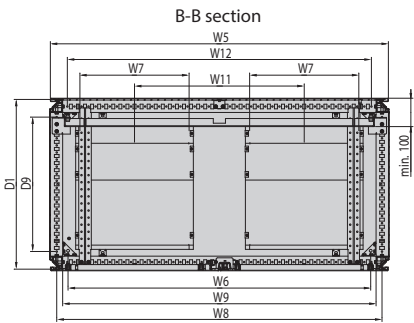
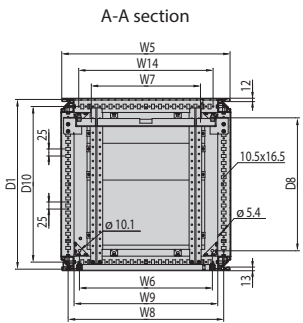
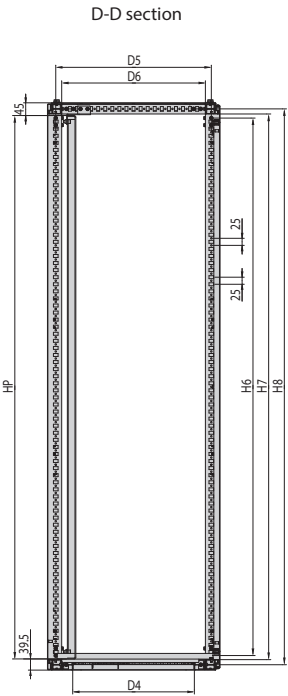
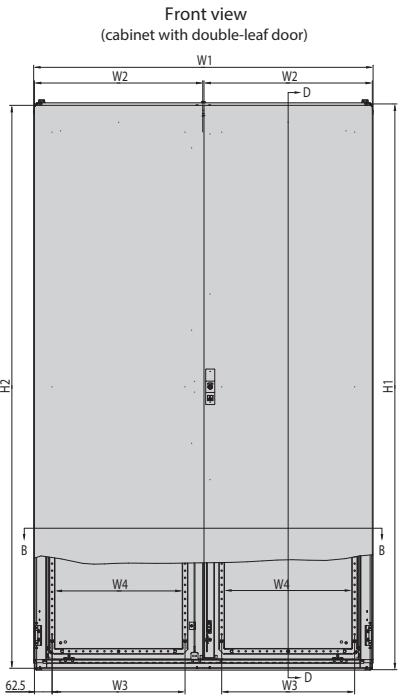
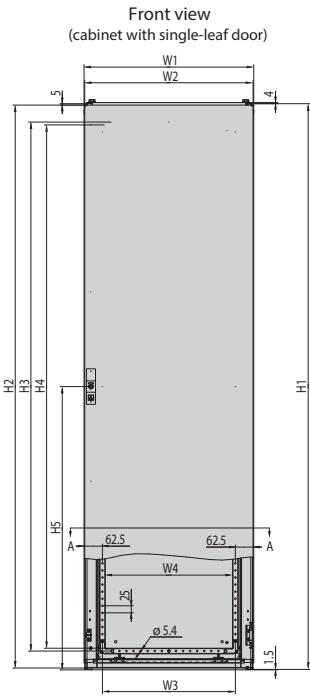
Catalogue numbers				
WZ-SZE3-2021-S10A-00-111-00-0-011	WZ-SZE3-2208-S10A-00-111-00-0-011	WZ-SZE3-2207-S10A-00-111-00-0-011	WZ-SZE3-2206-S10A-00-111-00-0-011	WZ-SZE3-2205-S10A-00-111-00-0-011
WZ-6282-18-05-011	WZ-6282-18-04-011	WZ-6282-18-03-011	WZ-6282-18-02-011	WZ-6282-18-01-011
WZ-6282-24-02-000	WZ-6282-24-01-000	WZ-6282-24-01-000	WZ-6282-24-01-000	WZ-6282-24-01-000
—	—	—	—	—
WZ-6282-78-02-000	WZ-6282-78-02-000	WZ-6282-78-02-000	WZ-6282-78-02-000	WZ-6282-78-02-000
WZ-6282-79-02-000	WZ-6282-79-02-000	WZ-6282-79-02-000	WZ-6282-79-02-000	WZ-6282-79-02-000

2000	2200	2200	2200	2200
1200	1200	1200	1200	1200
800	400	500	600	800
1921	2121	2121	2121	2121
1096	1096	1096	1096	1096

Catalogue numbers				
WZ-SZE3-2017-S10A-00-111-00-0-011	WZ-SZE3-2204-S10A-00-111-00-0-011	WZ-SZE3-2203-S10A-00-111-00-0-011	WZ-SZE3-2202-S10A-00-111-00-0-011	WZ-SZE3-2201-S10A-00-111-00-0-011
WZ-6282-18-05-011	WZ-6282-18-04-011	WZ-6282-18-03-011	WZ-6282-18-02-011	WZ-6282-18-01-011
WZ-6282-24-02-000	WZ-6282-24-01-000	WZ-6282-24-01-000	WZ-6282-24-01-000	WZ-6282-24-01-000
—	—	—	—	—
WZ-6282-78-01-000	WZ-6282-78-01-000	WZ-6282-78-01-000	WZ-6282-78-01-000	WZ-6282-78-01-000
WZ-6282-79-01-000	WZ-6282-79-01-000	WZ-6282-79-01-000	WZ-6282-79-01-000	WZ-6282-79-01-000

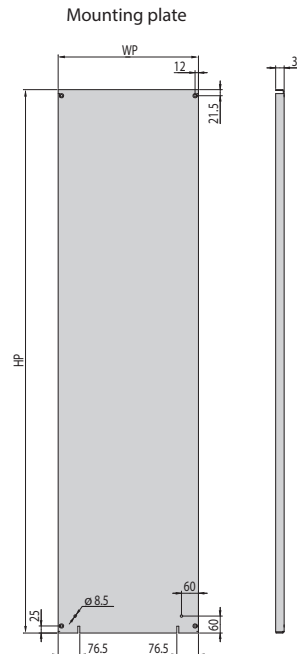
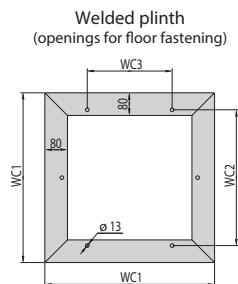
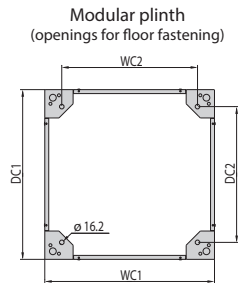
DESIGN	SIZE3 system cabinets
	INDUSTRIAL ENCLOSURES

SZE3 SYSTEM CABINETS



HEIGHT DIMENSIONS								
Cabinet's catalogue number	H1	H2	H3	H4	H5	H6	H7	H8
WZ-SZE3-2201-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2202-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2203-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2204-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2205-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2206-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2207-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2208-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2209-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2210-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2211-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2212-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2213-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2214-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2215-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2216-S10A-00-111-00-0-011	2200	2190	2070	2050	1101.5	2100	2129	2165
WZ-SZE3-2017-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2018-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2019-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2020-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2021-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2022-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2023-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2024-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2025-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2026-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2027-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2028-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2029-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2030-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2031-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965
WZ-SZE3-2032-S10A-00-111-00-0-011	2000	1990	1870	1850	1001.5	1900	1929	1965

SYSTEM CABINETS

SZE3**Note:**

After mounting of side panels the cabinet expands by 5 mm on each side.
An additional distance of 3 mm (gasket gauge) should be considered between bayed cabinets.

WIDTH DIMENSIONS												DEPTH DIMENSIONS										MOUNTING PLATE		PLINTH				
W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	HP	WP	WC1	WC2	WC3	DC1	DC2
1200	595	470	450	1195	1070	386	1150	1108	1143.5	600	1075	800	828	743.5	630	750	708	810	670	675	750	2121	1096	1200	1080	900	800	680
1200	595	470	450	1195	1070	386	1150	1108	1143.5	600	1075	600	628	543.5	430	550	508	610	470	475	550	2121	1096	1200	1080	900	600	480
1200	595	470	450	1195	1070	386	1150	1108	1143.5	600	1075	500	528	443.5	330	450	408	510	370	375	450	2121	1096	1200	1080	900	500	380
1200	595	470	450	1195	1070	386	1150	1108	1143.5	600	1075	400	428	343.5	230	350	308	410	270	275	350	2121	1096	1200	1080	900	400	280
1000	495	370	350	995	870	356	950	908	943.5	430	875	800	828	743.5	630	750	708	810	670	675	750	2121	896	1000	880	700	800	680
1000	495	370	350	995	870	356	950	908	943.5	430	875	600	628	543.5	430	550	508	610	470	475	550	2121	896	1000	880	700	600	480
1000	495	370	350	995	870	356	950	908	943.5	430	875	500	528	443.5	330	450	408	510	370	375	450	2121	896	1000	880	700	500	380
1000	495	370	350	995	870	356	950	908	943.5	430	875	400	428	343.5	230	350	308	410	270	275	350	2121	896	1000	880	700	400	280
800	795	670	650	795	670	586	750	708	743.5	---	675	800	828	743.5	630	750	708	810	670	675	750	2121	696	800	680	500	800	680
800	795	670	650	795	670	586	750	708	743.5	---	675	600	628	543.5	430	550	508	610	470	475	550	2121	696	800	680	500	600	480
800	795	670	650	795	670	586	750	708	743.5	---	675	500	528	443.5	330	450	408	510	370	375	450	2121	696	800	680	500	500	380
800	795	670	650	795	670	586	750	708	743.5	---	675	400	428	343.5	230	350	308	410	270	275	350	2121	696	800	680	500	400	280
600	595	470	450	595	470	386	550	508	543.5	---	475	800	828	743.5	630	750	708	810	670	675	750	2121	496	600	480	300	800	680
600	595	470	450	595	470	386	550	508	543.5	---	475	600	628	543.5	430	550	508	610	470	475	550	2121	496	600	480	300	600	480
600	595	470	450	595	470	386	550	508	543.5	---	475	500	528	443.5	330	450	408	510	370	375	450	2121	496	600	480	300	500	380
600	595	470	450	595	470	386	550	508	543.5	---	475	400	428	343.5	230	350	308	410	270	275	350	2121	496	600	480	300	400	280
1200	595	470	450	1195	1070	386	1150	1108	1143.5	600	1075	800	828	743.5	630	750	708	810	670	675	750	1921	1096	1200	1080	900	800	680
1200	595	470	450	1195	1070	386	1150	1108	1143.5	600	1075	600	628	543.5	430	550	508	610	470	475	550	1921	1096	1200	1080	900	600	480
1200	595	470	450	1195	1070	386	1150	1108	1143.5	600	1075	500	528	443.5	330	450	408	510	370	375	450	1921	1096	1200	1080	900	500	380
1200	595	470	450	1195	1070	386	1150	1108	1143.5	600	1075	400	428	343.5	230	350	308	410	270	275	350	1921	1096	1200	1080	900	400	280
1000	495	370	350	995	870	356	950	908	943.5	430	875	800	828	743.5	630	750	708	810	670	675	750	1921	896	1000	880	700	800	680
1000	495	370	350	995	870	356	950	908	943.5	430	875	600	628	543.5	430	550	508	610	470	475	550	1921	896	1000	880	700	600	480
1000	495	370	350	995	870	356	950	908	943.5	430	875	500	528	443.5	330	450	408	510	370	375	450	1921	896	1000	880	700	500	380
1000	495	370	350	995	870	356	950	908	943.5	430	875	400	428	343.5	230	350	308	410	270	275	350	1921	896	1000	880	700	400	280
800	795	670	650	795	670	586	750	708	743.5	---	675	800	828	743.5	630	750	708	810	670	675	750	1921	696	800	680	500	800	680
800	795	670	650	795	670	586	750	708	743.5	---	675	600	628	543.5	430	550	508	610	470	475	550	1921	696	800	680	500	600	480
800	795	670	650	795	670	586	750	708	743.5	---	675	500	528	443.5	330	450	408	510	370	375	450	1921	696	800	680	500	500	380
800	795	670	650	795	670	586	750	708	743.5	---	675	400	428	343.5	230	350	308	410	270	275	350	1921	696	800	680	500	400	280
600	595	470	450	595	470	386	550	508	543.5	---	475	800	828	743.5	630	750	708	810	670	675	750	1921	496	600	480	300	800	680
600	595	470	450	595	470	386	550	508	543.5	---	475	600	628	543.5	430	550	508	610	470	475	550	1921	496	600	480	300	600	480
600	595	470	450	595	470	386	550	508	543.5	---	475	500	528	443.5	330	450	408	510	370	375	450	1921	496	600	480	300	500	380
600	595	470	450	595	470	386	550	508	543.5	---	475	400	428	343.5	230	350	308	410	270	275	350	1921	496	600	480	300	400	280

SZE3 SYSTEM CABINETS

REFERENCE CHART

	Total width of the cabinet [mm]	Total depth of the cabinet [mm]	Height of the cabinet without plinth [mm]	
			2000	2200
			Reference numbers of cabinets	
Cabinets with single-leaf door	600	400	2032	2216
		500	2031	2215
		600	2030	2214
		800	2029	2213
	800	400	2028	2212
		500	2027	2211
		600	2026	2210
		800	2025	2209
Cabinets with double-leaf door	1000	400	2024	2208
		500	2023	2207
		600	2022	2206
		800	2021	2205
	1200	400	2020	2204
		500	2019	2203
		600	2018	2202
		800	2017	2201

CATALOGUE NUMBER OF CONFIGURED SZE3 CABINET

WZ-SZE3 - XXXX - XXXX - XX - XXX - XX - X - 011

Reference number
specifies the cabinet's overall dimensions (see reference chart)

| F - FRONT | R - REAR |

Door or panel:

- S1 U1 - Solid steel door
- S2 U2 - Steel door with glass
- S3 U3 - Steel door with passive ventilation
- S4 U4 - Steel door with glass and passive ventilation*
- S5 U5 - Steel door with active ventilation*
- Lock with swing handle
- Lock without a handle

- 0A - Solid steel rear panel
- 00 - Without door or panel

The above markings show the right-hand door design (with hinges on the right).
Changing to the left-hand door involves reversing the encoding pattern, e.g. 1S, 1U.

| LS - LEFT SIDE | RS - RIGHT SIDE |

Side panels:

- 0 - No panel
- A - Solid steel side panel

Number of mounting plates:

- 0 - No mounting plate
- 1 - One mounting plate
- 2 - Two mounting plates

Gland plates in cabinet's bottom plate:

- 1 - Sliding gland plates with one cable entry without foam strip
- 2 - Sliding gland plates with one cable entry with a foam strip
- 3 - Sliding gland plates with two cable entries with a foam strip***
- 4 - Sliding gland plates with one cable entry with a brush strip

Rack construction inside the cabinet:

- 0 - No rack construction
- 1 - One pair of 19" mounting profiles*
- 2 - Two pairs of 19" mounting profiles*
- 3 - One pair of mounting profiles for modular equipment installation
- 5 - One 19" symmetrical swing frame, right*
- 6 - One 19" asymmetrical swing frame, right**
- 7 - One 19" symmetrical swing frame, left*
- 8 - One 19" asymmetrical swing frame, left**

Plinth:

- 0 - No plinth
- 1 - Modular plinth 100 mm in height with solid sides
- 2 - Modular plinth 200 mm in height with solid sides

Roof:

- 0 - No roof
- 1 - Solid roof

Top panel:

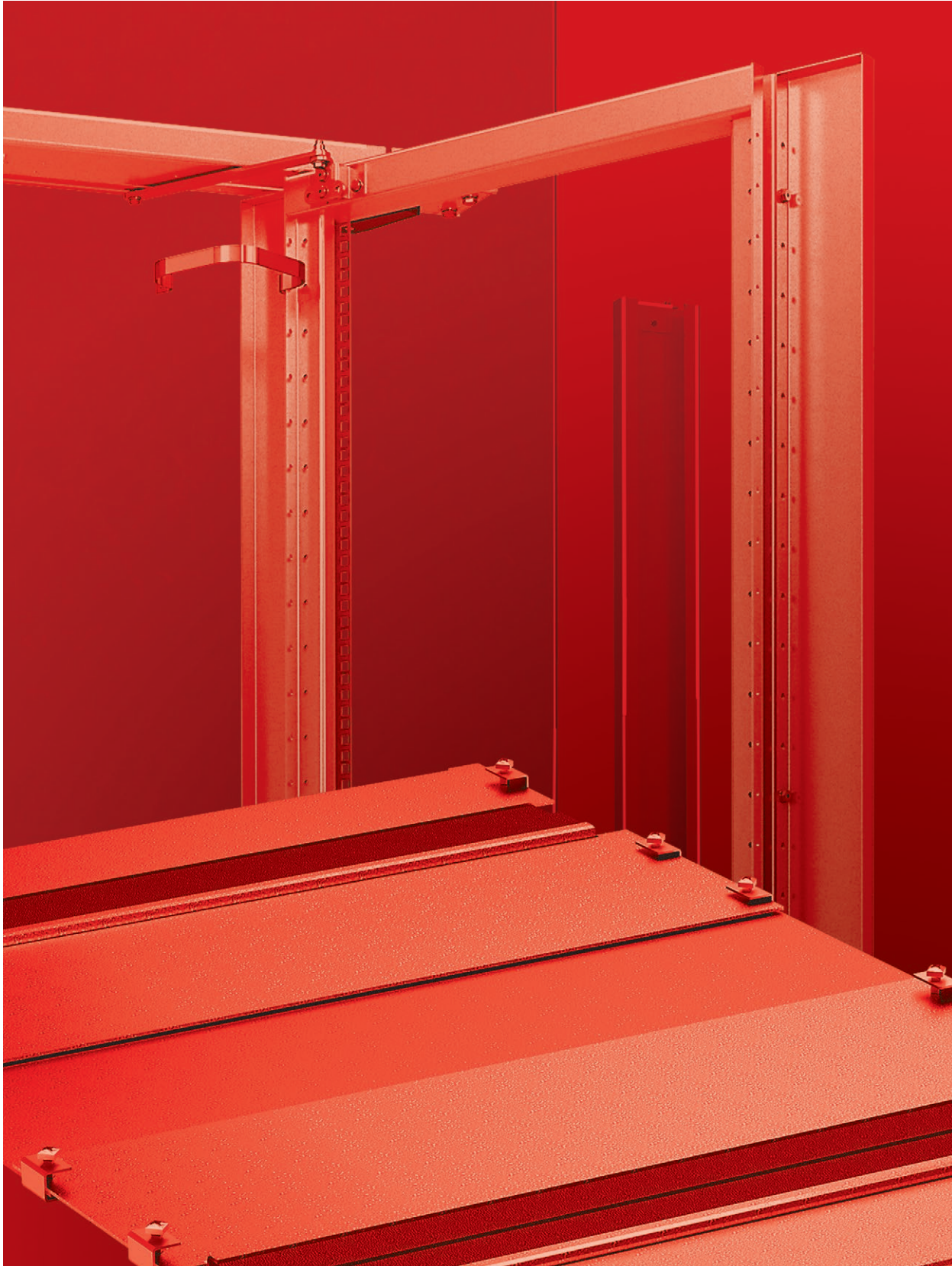
- 0 - No top panel
- 1 - Solid top panel
- 2 - Top panel with opening covered with perforated blanking plate
- 3 - Top panel with opening covered with blanking plate with a fabric filter
- 4 - Top panel with opening covered with blanking plate with a brush strip
- 5 - Top panel with opening covered with blanking plate with a foam strip
- 6 - Top panel with opening without blanking plate
- 7 - Top panel with opening covered with solid blanking plate

*) only for 600 mm or 800 mm wide cabinets

**) only for 800 mm wide cabinets

***) only for 800 mm deep cabinets

ACCESSORIES FOR SIZE3 CABINETS



ACCESSORIES FOR SIZE3 CABINETS

ACCESSORIES FOR SZE3 CABINETS

DOORS

**Doors**

SZE3 cabinets have solid metal door as standard. If required, the door can be glazed and/or ventilated. The door can be mounted not only on the cabinet's front and back but also on its sides. Tightness is ensured by a seal cast of foamed polyurethane.

The door has M8 earthing bolts. A standard cabinet has a four-point lock with double-bit insert and no handle. The lock is located outside the sealed zone, so it does not compromise protection degree IP.

Maximum door opening angle: 150°

At the customer's request we can introduce various kinds of modifications, such as cutting out holes for touch panels, adding external hinges to increase the door opening angle, etc.

Material:

- sheet steel powder paint, light grey (RAL 7035),
- galvanized steel stiffening profiles, perforated for installing cable trays, for example,
- brown smoked safety glass,
- door ventilated through plastic ventilation grilles protection degree IP 54.

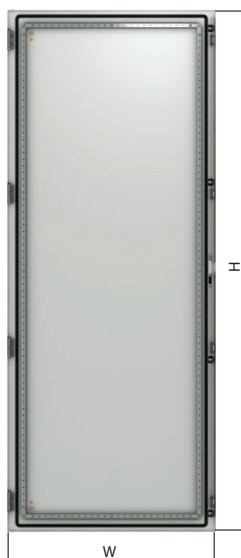
Scope of delivery

Complete wing of door with hinges and lock that includes doublebit insert (no handle).

SINGLE-LEAF DOOR

For cabinet		Door dimensions		Catalogue number					
height [mm]	width [mm]	H [mm]	W [mm]	Solid door IP 55	Door with glass IP 55	Door with passive ventilation IP 54		Door with glass and passive ventilation IP 54	
				right/left	right/left	right	left	right	left
2000	600	1990	595	WZ-6282-30-04-011	WZ-6282-68-04-011	WZ-6282-74-04-011	WZ-6282-74-10-011	WZ-6282-76-04-011	WZ-6282-76-10-011
	800	1990	795	WZ-6282-30-03-011	WZ-6282-68-03-011	WZ-6282-74-03-011	WZ-6282-74-09-011	WZ-6282-76-03-011	WZ-6282-76-09-011
2200	600	2190	595	WZ-6282-30-02-011	WZ-6282-68-02-011	WZ-6282-74-02-011	WZ-6282-74-08-011	WZ-6282-76-02-011	WZ-6282-76-08-011
	800	2190	795	WZ-6282-30-01-011	WZ-6282-68-01-011	WZ-6282-74-01-011	WZ-6282-74-07-011	WZ-6282-76-01-011	WZ-6282-76-07-011

Package: 1 pc.



ACCESSORIES FOR SIZE3 CABINETS

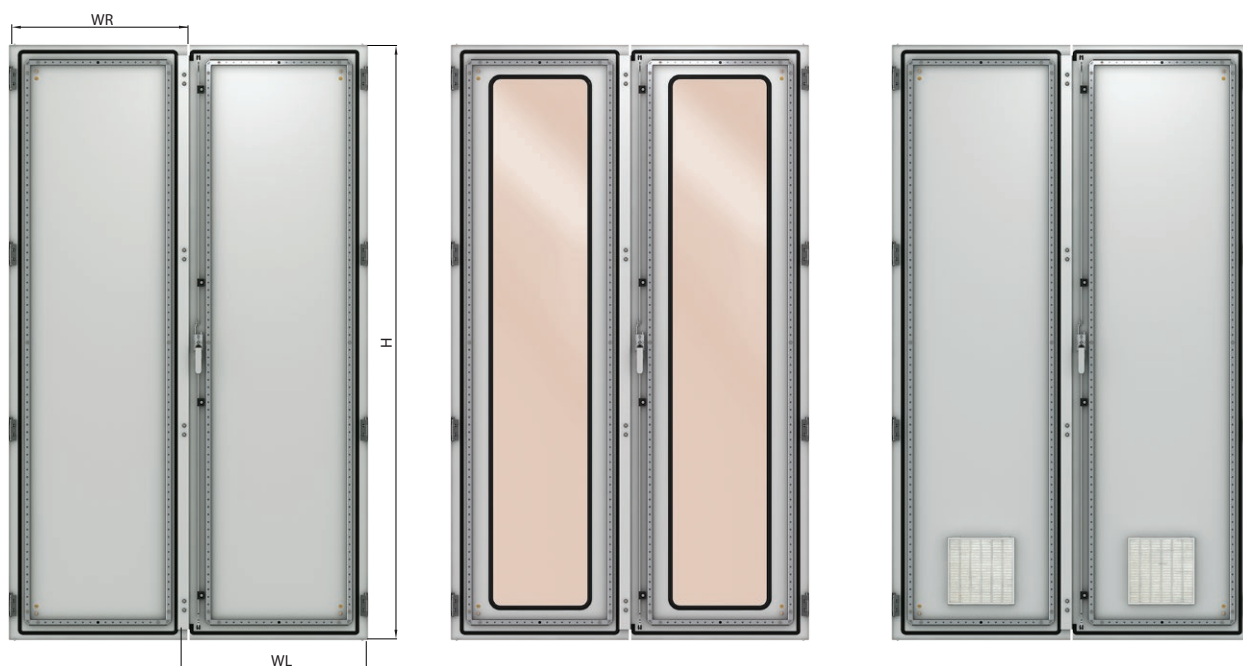
DOORS

DOUBLE-LEAF DOOR

For cabinet		Door dimensions			Catalogue number					
height [mm]	width [mm]	H [mm]	WR [mm]	WL [mm]	Solid door IP 55		Door with glass IP 55		Door with passive ventilation IP 54	
					right* wing	left* wing	right* wing	left* wing	right* wing	left* wing
2000	1000	1990	495	538	WZ-6282-45-04-011	WZ-6282-47-04-011	WZ-6282-81-04-011	WZ-6282-83-04-011	WZ-6282-85-04-011	WZ-6282-87-04-011
	1200	1990	595	638	WZ-6282-45-03-011	WZ-6282-47-03-011	WZ-6282-81-03-011	WZ-6282-83-03-011	WZ-6282-85-03-011	WZ-6282-87-03-011
2200	1000	2190	495	538	WZ-6282-45-02-011	WZ-6282-47-02-011	WZ-6282-81-02-011	WZ-6282-83-02-011	WZ-6282-85-02-011	WZ-6282-87-02-011
	1200	2190	595	638	WZ-6282-45-01-011	WZ-6282-47-01-011	WZ-6282-81-01-011	WZ-6282-83-01-011	WZ-6282-85-01-011	WZ-6282-87-01-011

Package: 1 pc. (wing)

*) when facing the structure



Door stop

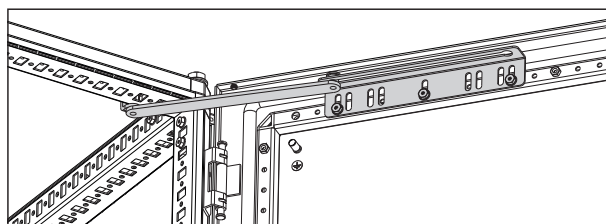
Protects hinges from damage.
Mounted in the upper part of the cabinet to the stiffening frame of the door and the cabinet's frame.

Material

Galvanised sheet steel

Scope of delivery

Door stop with fixing accessories for mounting into the cabinet.



Package	Catalogue number
1 pc.	WZ-6935-17-00-000

ACCESSORIES FOR SIZE3 CABINETS

DOORS • DOCUMENT POCKET • ROOF



Swing handle for the door's lock

For use in the cabinet door instead of the factory-mounted lock without a handle.

Material

Plastic body, metal handle.

Scope of delivery

Body with handle, internal mechanism, double-bit or cylinder insert and key(s).

The scope of delivery does not include elements of the latching system on the inside of the door.

Product name	Package	Catalogue number
Swing handle with double-bit insert + 1 key	1 set	M1H-00-0532
Swing handle with double-bit insert + 2 keys	1 set	M1H-00-0531

Document pocket

For fixing on the cabinet's door.
A4 size, light grey (RAL 7035) colour.

Material

Plastic

Scope of delivery

Pocket with self-adhesive fixing tape.

Package	Colour	Catalogue number
1 pc.	RAL 7035	WZ-SB00-40-00-011

Roof

Roof's height with fixing/spacer bolts: 41 mm

Material

Sheet steel powder painted in RAL 7035.

Scope of delivery

Roof with 4 fixing/spacer bolts for mounting.
(Assembly screws M12 are delivered with the cabinet.)

For cabinet		Catalogue number
width [mm]	depth [mm]	
600	400	WZ-6935-56-16-011
	500	WZ-6935-56-15-011
	600	WZ-6935-56-14-011
	800	WZ-6935-56-13-011
800	400	WZ-6935-56-12-011
	500	WZ-6935-56-11-011
	600	WZ-6935-56-10-011
	800	WZ-6935-56-09-011
1000	400	WZ-6935-56-08-011
	500	WZ-6935-56-07-011
	600	WZ-6935-56-06-011
	800	WZ-6935-56-05-011
1200	400	WZ-6935-56-04-011
	500	WZ-6935-56-03-011
	600	WZ-6935-56-02-011
	800	WZ-6935-56-01-011

Package: 1 pc.

ACCESSORIES FOR SIZE3 CABINETS

SIDE PANELS • PARTITION

Side panels

Panels are bolted to the frame with intermediate elements that position the panel in the frame. After installation, they extend the cabinet width by 5 mm on each side.

All panels are fitted with seals cast of polyurethane foam, and M8 stud bolts for mounting earthing wires.

If requested, the side panels can have holes for air vents, fans, heat exchangers and air conditioners.

Material

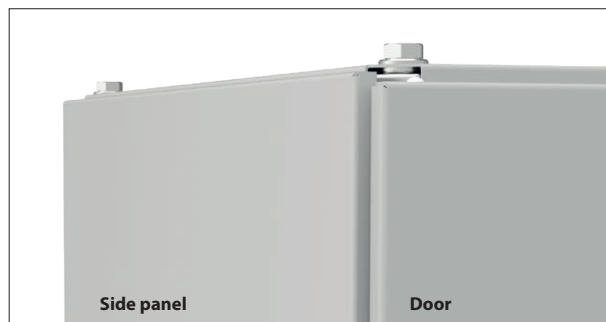
Sheet steel powder painted in light grey (RAL 7035).

Scope of delivery

Set of 2 side panels with fixing accessories for mounting into the cabinet.

For cabinet		Catalogue number
height [mm]	depth [mm]	
2000	400	WZ-6282-18-08-011
	500	WZ-6282-18-07-011
	600	WZ-6282-18-06-011
	800	WZ-6282-18-05-011
2200	400	WZ-6282-18-04-011
	500	WZ-6282-18-03-011
	600	WZ-6282-18-02-011
	800	WZ-6282-18-01-011

Package: 2 pc.



Partition

The partition is used as a separating panel between bayed cabinets. It does not increase the cabinet width after installation, it is flushed into the cabinet frame.

If requested, any holes can be made in the partition, for example for cable entries.

Material

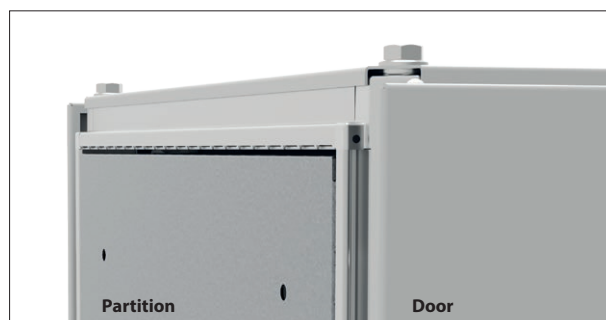
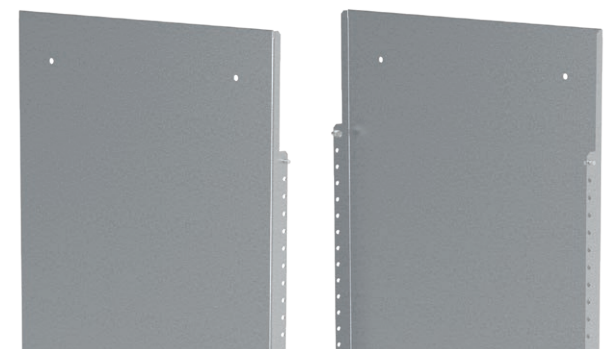
Al-Zn coated sheet steel.

Scope of delivery

Partition with fixing accessories.

For cabinet		Catalogue number
height [mm]	depth [mm]	
2000	400	WZ-6282-98-08-000
	500	WZ-6282-98-07-000
	600	WZ-6282-98-06-000
	800	WZ-6282-98-05-000
2200	400	WZ-6282-98-04-000
	500	WZ-6282-98-03-000
	600	WZ-6282-98-02-000
	800	WZ-6282-98-01-000

Package: 1 pc.



ACCESSORIES FOR SIZE3 CABINETS

LIFTING ACCESSORIES



Eyebolt



Lifting angle

Lifting accessories

Fixed to threaded holes in the top corners of the cabinet's frame.

Offered in two options:

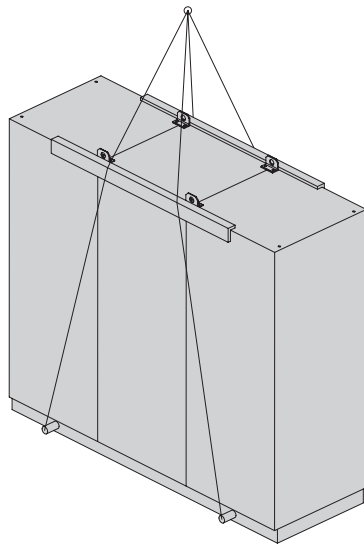
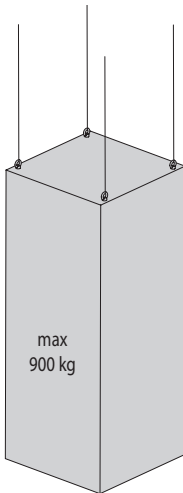
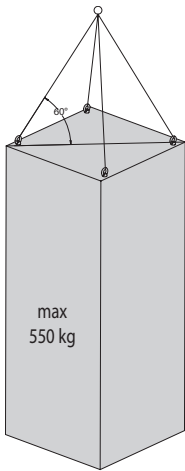
- 1) eyebolts - galvanised steel, eye diameter: 30 mm, thread for fastening: M12;
- 2) lifting angle for cabinets bayed in rows - galvanised steel angle, lifting hole diameter: 38 mm, two holes for mounting screws M12.

Scope of delivery

Lifting accessories are sold separately.
Lifting angle is supplied with mounting screws.

Product name	Package	Catalogue number
eyebolt	1 pc.	M1F-00-0106
lifting angle	1 pc.	WZ-6282-69-00-C12

TRANSPORT OF SIZE3 CABINETS



For larger loads, a set of cabinets should be preferably placed on a single shared welded plinth which reinforces the entire structure during transport. For advice on selection of an appropriate plinth type, please ask ZPAS S.A. design department.

ACCESSORIES FOR SZE3 CABINETS

CABINET'S BASE

Welded plinth

Indicated for heavy duty cabinets. Provide to transport cabinets with forklift truck without using transport pallet.

Material

Sheet steel powder paint, light grey (RAL 7035)

Scope of delivery

Plinth with mounting accessories for fastening plinth to the cabinet.



For cabinet		Catalogue number
width [mm]	depth [mm]	Welded plinth 100 mm high
600	400	WZ-6282-15-16-011
	500	WZ-6282-15-15-011
	600	WZ-6282-15-14-011
	800	WZ-6282-15-13-011
800	400	WZ-6282-15-12-011
	500	WZ-6282-15-11-011
	600	WZ-6282-15-10-011
	800	WZ-6282-15-09-011

Package: 1 pc.

For cabinet		Catalogue number
width [mm]	depth [mm]	Welded plinth 100 mm high
1000	400	WZ-6282-15-08-011
	500	WZ-6282-15-07-011
	600	WZ-6282-15-06-011
	800	WZ-6282-15-05-011
1200	400	WZ-6282-15-04-011
	500	WZ-6282-15-03-011
	600	WZ-6282-15-02-011
	800	WZ-6282-15-01-011

Package: 1 pc.



Two SZE3 cabinets placed on one 200 mm high welded plinth in special design

ACCESSORIES FOR SZE3 CABINETS

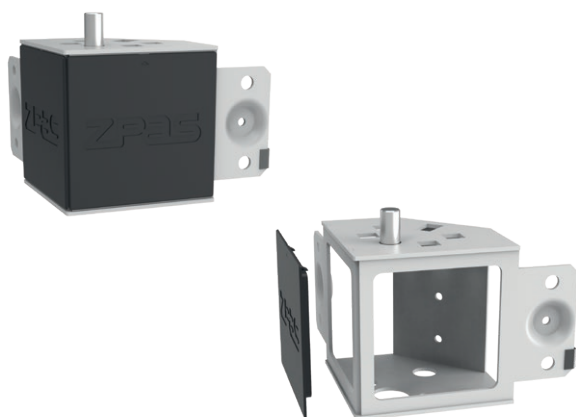
CABINET'S BASE

**Modular plinth**

Plinth consists of corners and removable side panels. Total weight of the cabinet is carried by plinth corners. It is possible to use the area under the cabinet by unscrewing the side panels. Plinth can be mounted to the base by optionally using rubber vibro-shock absorbers.

Ordering method

The plinth shall be ordered from the following components: plinth corners and plinth side panels depending on the width and depth of the cabinet.

**Plinth corners**

Corners are equipped with removable plates that ease the access to assembling and levelling elements.

Corners can be equipped with levelling set or vibro-shock absorbers.

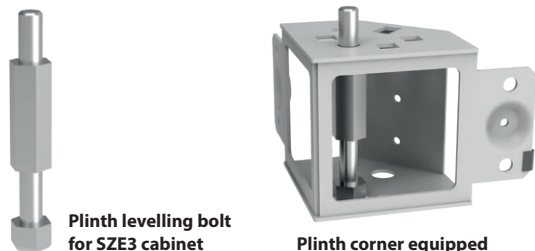
Material

Body: sheet steel powder painted in light grey (RAL 7035).
Covers: black plastic.

Scope of delivery

Set of 4 corners include fixing accessories.

Height [mm]	Package	Catalogue number
100	4 pcs	WZ-6935-74-00-011



**Plinth levelling bolt
for SZE3 cabinet**

**Plinth corner equipped
with levelling bolt**

The upper part of the levelling bolt is used to join the plinth corner with the cabinet.

Set for plinth levelling

Plinth corners can be equipped with additional levelling bolts, that enable stable setting of the cabinet on uneven floor.

Adjustment range: 0–10 mm

Material

Galvanised steel

Product name	Package	Catalogue number
Set of 4 plinth levelling bolts for SZE2 cabinet	1 set	WZ-6935-Z1-02-000



**Vibro-shock
absorber**



**Plinth corner
with vibro-shock
absorber**

Vibro-shock absorbers

Vibro-shock absorbers reduce the transmission of possible vibrations between the floor and the cabinet (e.g. in industrial buildings). Plinth with vibro-shock absorbers should be fixed into the room's floor.

Material

10 mm thick rubber.

Scope of delivery

Set of 4 vibro-shock absorbers.

Package	Catalogue number
1 set	WZ-M1Z-00-0048-000-4

ACCESSORIES FOR SZE3 CABINETS

MOUNTING PLATE

Plinth side panels

There are three types of plinth side panels available. Side panels can be removed even when the cabinet is loaded with equipment.

Material

Sheet steel powder painted in light grey (RAL 7035).

Scope of delivery

Panel with fixing elements.

Product name	Length of side panel [mm]	Length of plinth's side [mm]	Catalogue number
Solid side panel	200	400	WZ-6935-46-09-011
	300	500	WZ-6935-46-07-011
	400	600	WZ-6935-46-05-011
	600	800	WZ-6935-46-03-011
	800	1000	WZ-6935-46-02-011
	1000	1200	WZ-6935-46-01-011
Perforated side panel	200	400	WZ-6935-92-09-011
	300	500	WZ-6935-92-07-011
	400	600	WZ-6935-92-05-011
	600	800	WZ-6935-92-03-011
	800	1000	WZ-6935-92-02-011
	1000	1200	WZ-6935-92-01-011
Side panel with brush opening	200	400	WZ-6935-94-09-011
	300	500	WZ-6935-94-07-011
	400	600	WZ-6935-94-05-011
	600	800	WZ-6935-94-03-011
	800	1000	WZ-6935-94-02-011
	1000	1200	WZ-6935-94-01-011

Package: 1 pc.



Solid side panel



Perforated side panel



Side panel with brush opening

Set of elements for connecting plinths

Plinths can be joined in row or stacked.

Joining in rows

In order to join two plinths, one connecting set is needed.

Stacking

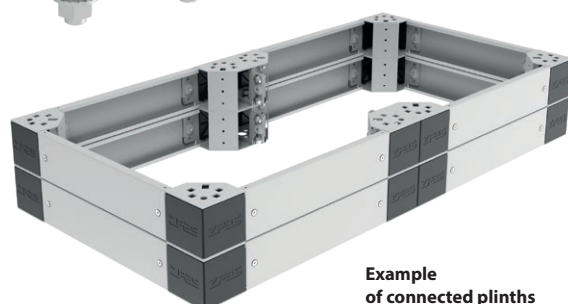
In order to stack two plinths, two connecting sets are needed.

Maximum allowed height: 4 plinths x 100 mm

Product description	Package	Catalogue number
4 bolts M10x20 4 washers 10,5 4 flange nuts M10	1 set	WZ-6935-Z1-03-000



Set of elements for connecting plinths



Example of connected plinths

ACCESSORIES FOR SZE3 CABINETS

MOUNTING PLATE

**Mounting plate**

The mounting plate is designed for installing different equipment inside the SZE3 cabinet. Detailed dimensions of the mounting plates are given in the drawing on page 69.

Material

Galvanized steel sheet, 3 mm thickness; dimensional tolerances sheet steel are normal according to EN 10143.

Scope of delivery

Mounting plate with fixing accessories for smooth adjustment within the cabinet's depth. Mounting plate guides are sold separately. In order to fasten the mounting plate on the back of the cabinet, between the rear posts of the frame, requires two additional lower brackets, ordered separately – see page 81.

For cabinet		Catalogue number
Height [mm]	Width [mm]	
2000	600	WZ-6282-33-08-000
	800	WZ-6282-33-07-000
	1000	WZ-6282-33-06-000
	1200	WZ-6282-33-05-000
2200	600	WZ-6282-33-04-000
	800	WZ-6282-33-03-000
	1000	WZ-6282-33-02-000
	1200	WZ-6282-33-01-000

Package: 1 pc.

Note:

On special order, we make hinged mounting plates, using galvanized steel sheet or textolite plate.
The mounting plate can also be powder-painted in RAL 7035 (standard colour) or any other colour on demand.

Mounting plate guides

The guides are designed for installing the mounting plate in the SZE3 cabinet. They make inserting and positioning the plate inside the cabinet easier.

Material

Al-Zn-coated steel sheet

Scope of delivery

Set of 2 guides together with accessories for fixing them on the bottom plate of the cabinet.

For cabinet depth [mm]	Catalogue number
400	WZ-6282-35-04-000
500	WZ-6282-35-03-000
600	WZ-6282-35-02-000
800	WZ-6282-35-01-000

Package: 1 set

ACCESSORIES FOR SIZE3 CABINETS

MOUNTING PLATE

Mounting plate brackets

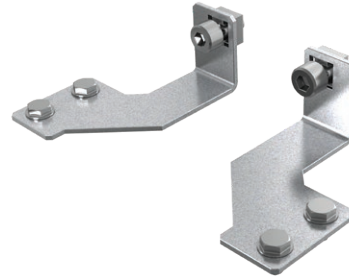
For fastening the mounting plate on the back of the closet, between the rear posts of the frame.

Material

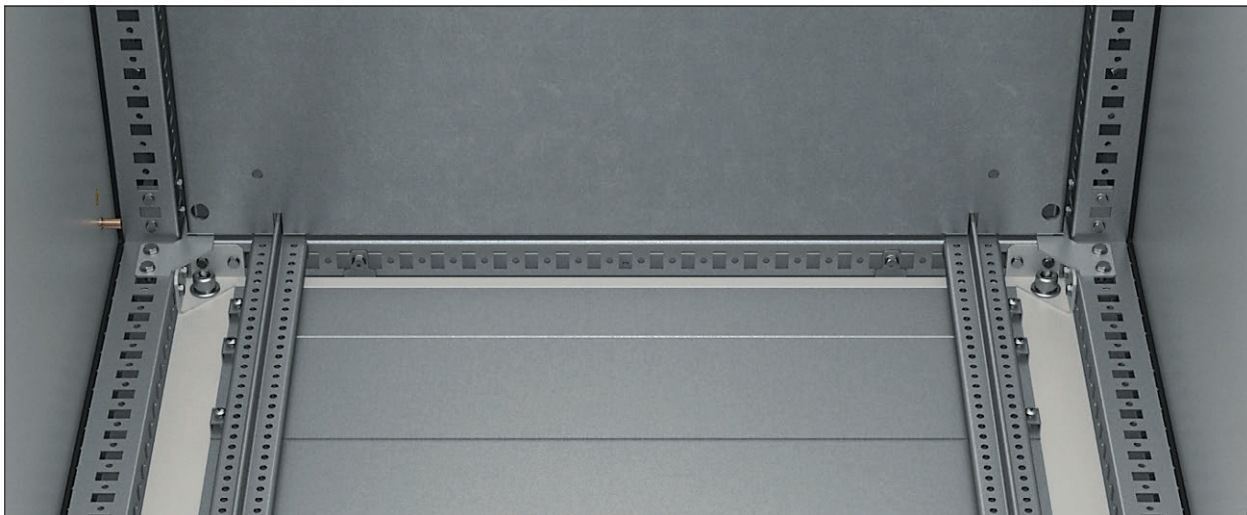
Al-Zn-coated steel sheet

Scope of delivery

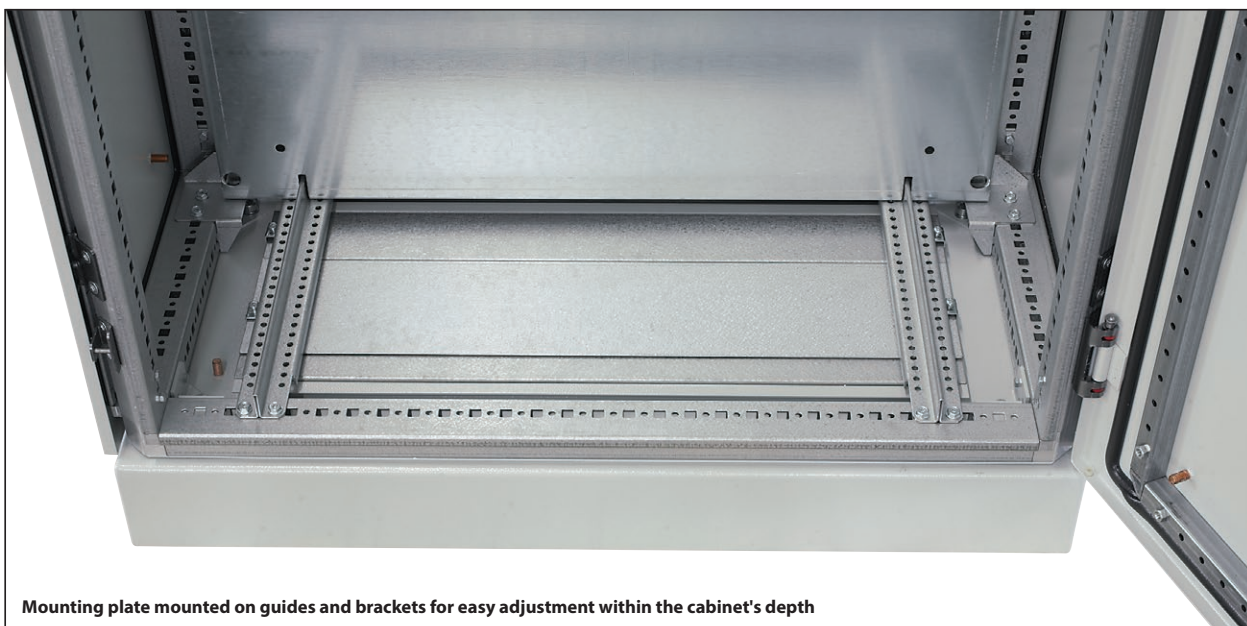
Two brackets (right and left) with fixing accessories.



Package	Catalogue number
1 set	WZ-6282-36-00-000



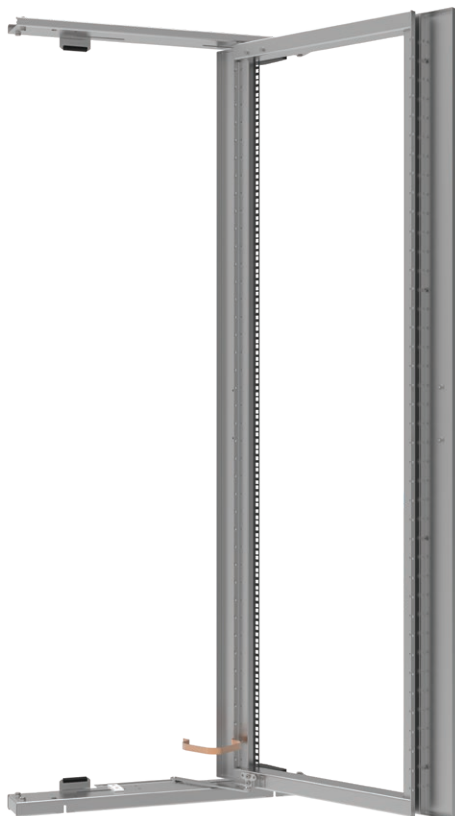
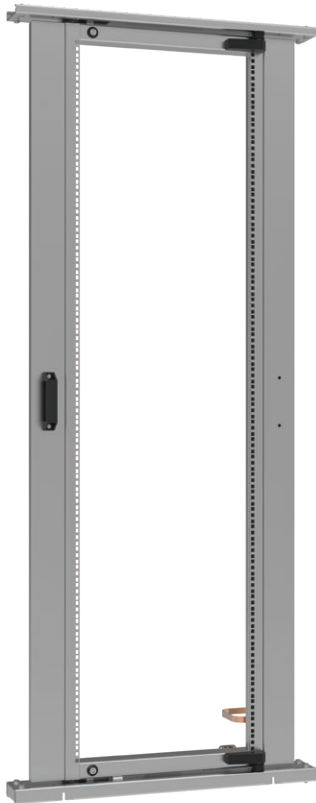
Mounting plate fastened on the back of the cabinet, between the frame posts



Mounting plate mounted on guides and brackets for easy adjustment within the cabinet's depth

ACCESSORIES FOR SZE3 CABINETS

19" SWING FRAME



19" swing frame

Intended for cabinets 800 mm wide.
Equipped with door-stop.
Two locks with double-bit insert.
Possibility of left- or right-side assembly by 180° rotation.
Maximum opening angle: 120°
Load capacity: 150 kg

Material

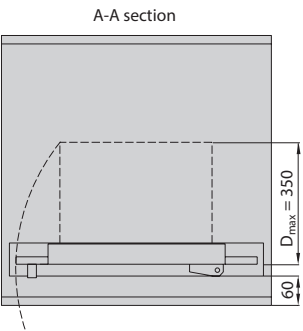
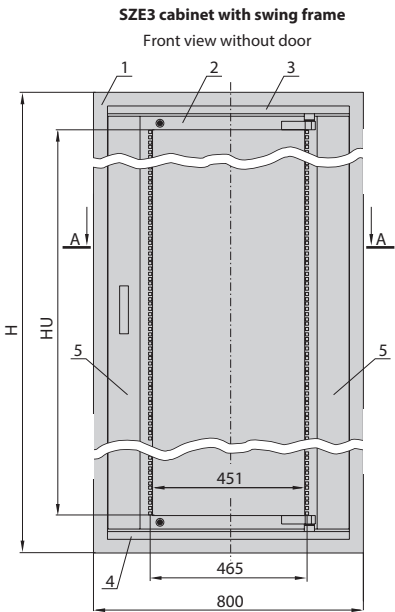
Galvanized steel sheet and profiles

Scope of delivery

Swing frame with fixing accessories for mounting to the cabinet.

For cabinet height H [mm]	Usable height of the frame HU [U = 44.45 mm]	Maximum depth for installations D _{max} [mm]	Catalogue number
2000	40 U	350	WZ-6282-63-02-C08
2200	44 U	350	WZ-6282-63-01-C08

Package: 1 pc.



DESIGN

1. Cabinet frame
2. 19" swing frame
3. Top supporting bar
4. Bottom supporting bar
5. Masking panel

ACCESSORIES FOR SZE3 CABINETS

ACCESSORIES FOR MOUNTING ELECTRICAL EQUIPMENT

Electric meter box

It is used for installation of electricity meters in the SZE3 cabinet with 19" swing frame or 19" mounting profiles.

Material

Steel sheet powder painted in RAL 7035

Scope of delivery

Electric meter box with fixing accessories for mounting to the cabinet.



Installation method to the cabinet	External dimensions [mm]			Internal dimensions [mm]		Catalogue number
	height [mm]	width [mm]	depth [mm]	height [mm]	width [mm]	
On 19" mounting profiles or 19" swing frame (pages 85, 82)	444.5 (10 U)	482.6	100	402	440	WZ-5716-A1-16-01-011
			150	402	440	WZ-5716-38-01-011

Package: 1 pc

Voltage distribution panel

Universal 19" enclosure for modular devices.

Capacity of panel

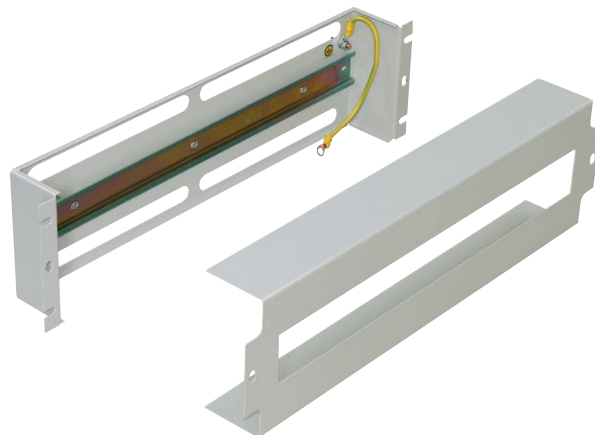
Maximum number of built-in S-type modules (width of module 17.5 mm): 22 pcs.

Material

Steel sheet powder painted in RAL 7035

Scope of delivery

Mounting base, DIN rail, housing, fixing accessories for mounting to the cabinet.

**Note:**

On individual request, the panel can be fitted with electrical equipment.

Installation method to the cabinet	External dimensions [mm]			Internal dimensions [mm]		Catalogue number	
	height [mm]	width [mm]	depth [mm]	height [mm]	width [mm]	RAL 7035	RAL 9005
On 19" mounting profiles or 19" swing frame (pages 85, 82)	133 (3 U)	482.6	60	130	440	WZ-PS3U-00-00-011	WZ-PS3U-00-00-161

Package: 1 pc

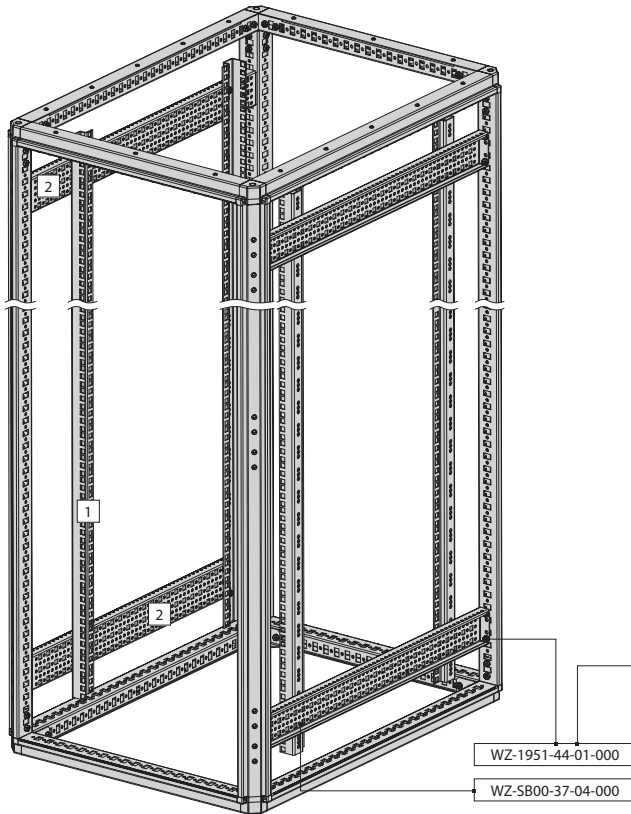
ACCESSORIES FOR SZE3 CABINETS

19" MOUNTING PROFILES SYSTEM

19" rack construction methods

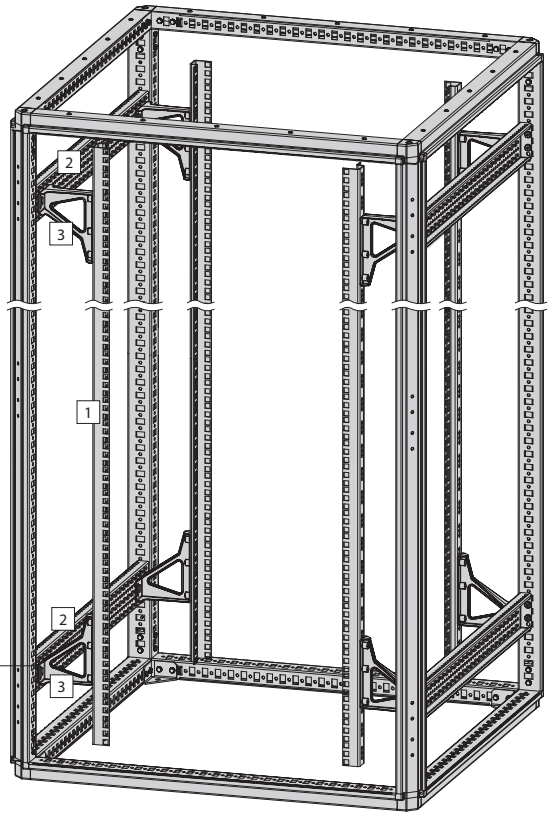
19" rack in a cabinet with a width of 600 mm

- 1. 19" mounting profile (page 85)
- 2. Mounting bar type C

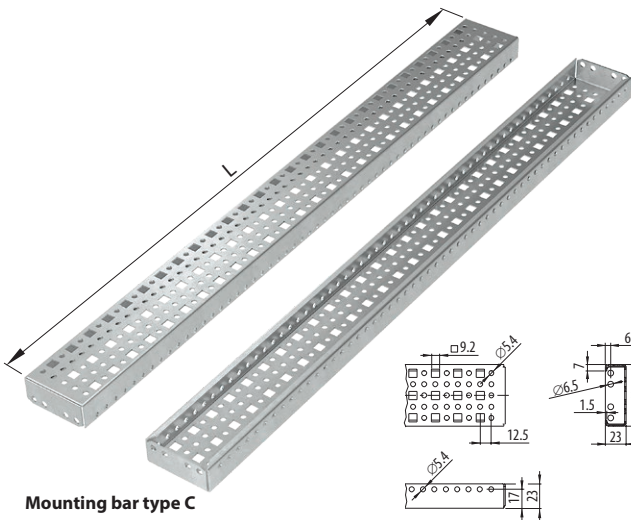


19" rack in a cabinet with a width of 800 mm

- 1. 19" mounting profile (page 85)
- 2. Mounting bar type C
- 3. Outrigger (page 85)



Used fixing accessories: WZ-1951-44-01-000 - M6x16 self-forming screws (see page 86);
WZ-SB00-37-04-000 - fixing accessories for mounting profiles (see page 57)



Mounting bar type C

For fixing 19" mounting profiles to SZE3 cabinet frame.

Material
Al-Zn coated sheet steel

Scope of delivery
Mounting bar C without fixing accessories.

For cabinet width or depth [mm]	Lenght of mounting bar C L [mm]	Catalogue number
400	306	WZ-6282-43-06-000
500	406	WZ-6282-43-05-000
600	506	WZ-6282-43-04-000
800	706	WZ-6282-43-03-000
1000	906	WZ-6282-43-02-000
1200	1106	WZ-6282-43-01-000

Package: 1 pc.

ACCESSORIES FOR SZE3 CABINETS

19" MOUNTING PROFILES SYSTEM

19" mounting profile

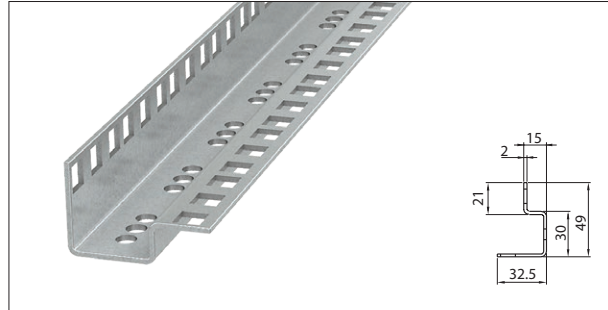
Used for installing 19" equipment in cabinets 600 or 800 mm wide. They are fixed to the cabinet's frame by using mounting bars type C; in order to achieve the 19" spacing in cabinets 800 mm wide it is necessary to use outriggers.

Material

Al-Zn coated sheet steel

Scope of delivery

Mounting profile without fixing accessories.



Length of mounting profile		Catalogue number
[mm]	[U = 44.45 mm]	
1067	24 U	WZ-1718-97-08-000
1200	27 U	WZ-1718-97-16-000
1245	28 U	WZ-1718-97-07-000
1334	30 U	WZ-1718-97-15-000
1422	32 U	WZ-1718-97-06-000
1467	33 U	WZ-1718-97-14-000

Package: 1 pc.

Length of mounting profile		Catalogue number
[mm]	[U = 44.45 mm]	
1600	36 U	WZ-1718-97-05-000
1689	38 U	WZ-1718-97-04-000
1734	39 U	WZ-1718-97-13-000
1778	40 U	WZ-1718-97-03-000
1867	42 U	WZ-1718-97-02-000
2089	47 U	WZ-1718-97-20-000

Outrigger

For fixing mounting profile in SZE3 cabinet 800 mm wide.

Material

Zamak casting

Scope of delivery

1 outrigger with fixing accessories for fastening to mounting profile and mounting bar type C.

Package	Catalogue number
1 pc.	WZ-5205-90-00-C12

**19" transverse bar**

For installing devices on 19" mounting profiles or 19" swing frame.

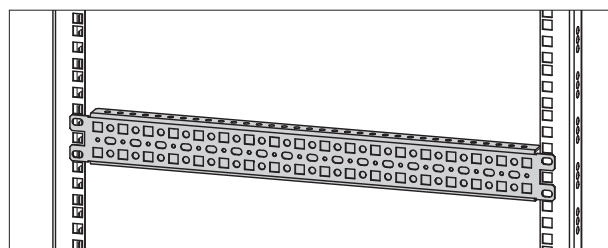
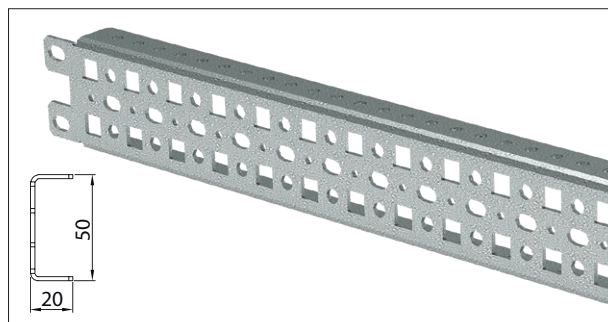
Material

Al-Zn coated sheet steel

Scope of delivery

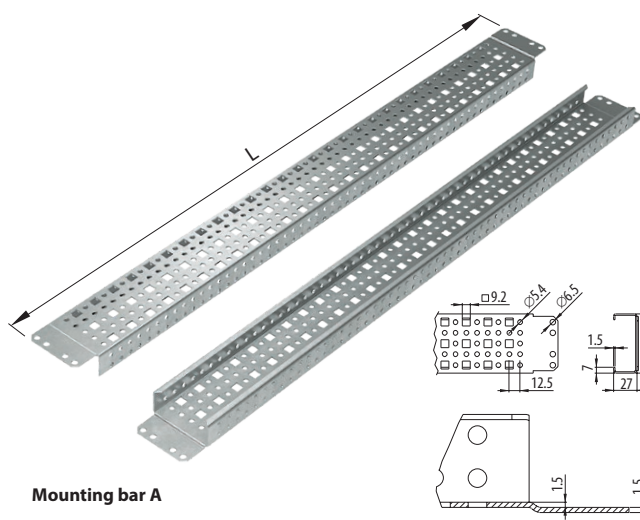
19" transverse bar without fixing accessories (fixing accessories should be ordered separately - cat. no WZ-1951-44-02-000, see page 86).

Package	Catalogue number
1 pc.	WZ-6414-05-00-000

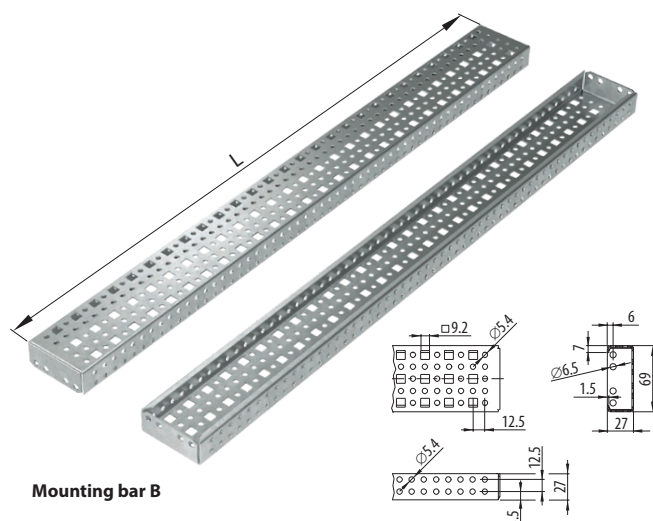


ACCESSORIES FOR SZE3 CABINETS

MOUNTING BARS SYSTEM



Mounting bar A



Mounting bar B

Mounting bars type A and B

For building racks inside the cabinet.
Available in two types that differ in fastening method.

Material

Al-Zn coated sheet steel

Scope of delivery

Mounting bar without fixing accessories.

Type of mounting bar	For cabinet width or height* [mm]	Total length of mounting bar L [mm]	Catalogue number
A	-	262	WZ-6282-40-10-000
	400	362	WZ-6282-40-09-000
	500	462	WZ-6282-40-08-000
	600	562	WZ-6282-40-07-000
	-	662	WZ-6282-40-06-000
	800	762	WZ-6282-40-05-000
	-	862	WZ-6282-40-04-000
	1000	962	WZ-6282-40-03-000
	-	1062	WZ-6282-40-02-000
	1200	1162	WZ-6282-40-01-000
B	-	206	WZ-6282-42-10-000
	400	306	WZ-6282-42-09-000
	500	406	WZ-6282-42-08-000
	600	506	WZ-6282-42-07-000
	-	606	WZ-6282-42-06-000
	800	706	WZ-6282-42-05-000
	-	806	WZ-6282-42-04-000
	1000	906	WZ-6282-42-03-000
	-	1006	WZ-6282-42-02-000
	1200	1106	WZ-6282-42-01-000

Package: 1 pc.

*) For horizontal fixing between the posts of the cabinet's frame



Self forming screws M6x16



Cage nuts M8 with wings



Cage nut M6, screw M6x16, washer 6.4

Fixing accessories

Self forming screws M6x16 – for fastening mounting profiles to the cabinet's frame and for interconnecting mounting profiles.

Cage nuts M8 with wings – for fastening devices to the cabinet's frame.

Cage nuts M6 with screws and washers – for fastening cable bar to the cable bar bracket on the cabinet's plinth or for fastening 19" transverse bar to the 19" mounting profiles.

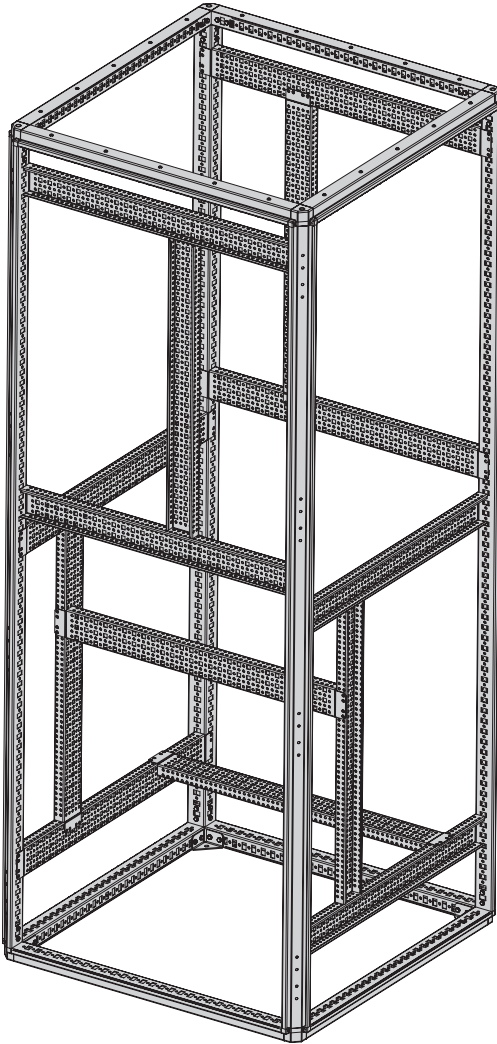
Scope of delivery

Sold in sets.

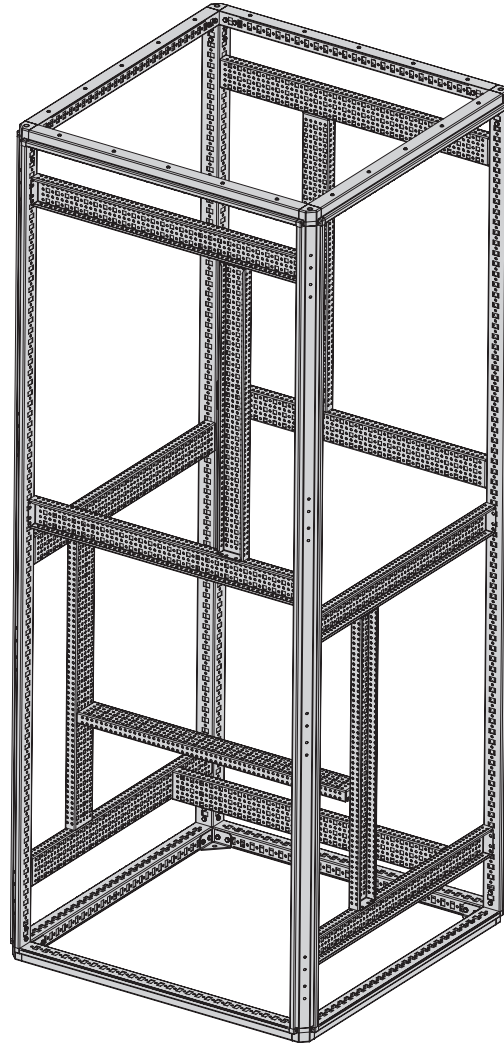
Description	Package	Catalogue number
Self forming screw M6x16	20 pcs	WZ-1951-44-01-000
Cage nut M8 with wings	10 pcs	WZ-M1F-03-0165-000
Cage nut M6 Screw M6x16 Washer 6.4	20 pcs	WZ-1951-44-02-000

ACCESSORIES FOR SZE3 CABINETS

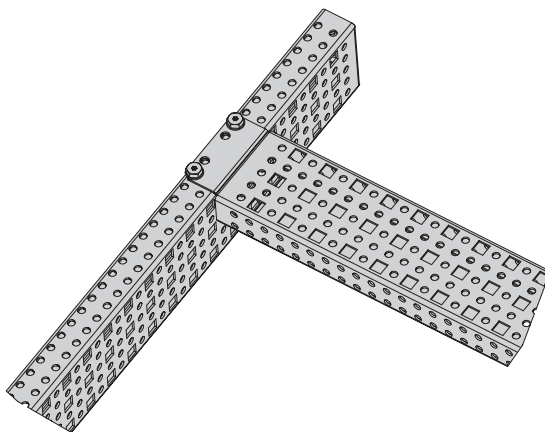
MOUNTING BARS SYSTEM



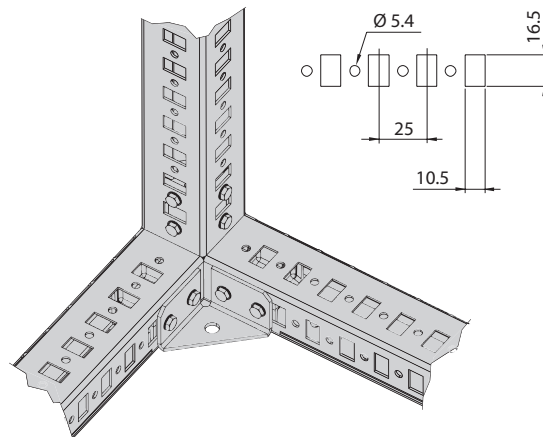
Example of built rack
from mounting bars type A



Example of built rack
from mounting bars type B



Example of connecting profile types A and B
with M6 self-tapping screws

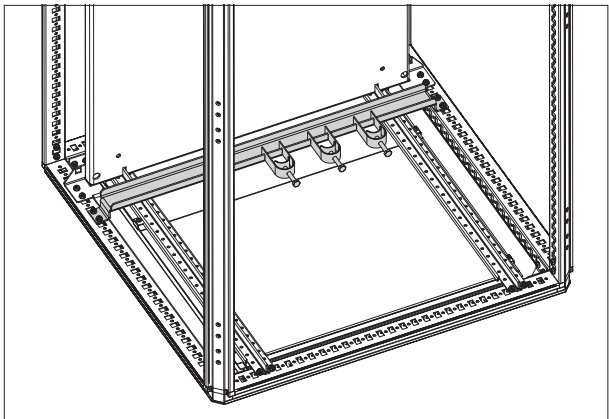


Perforation in SZE3 cabinet's frame:

- 10.5 x 16.5 mm holes for M8 cage nuts with wings,
- Ø 5.4 mm holes for M6 self-tapping screws

ACCESSORIES FOR SIZE3 CABINETS

CABLE MANAGEMENT



Cable bar mounted to cabinet's frame

For fixing cables that enter the cabinet.
Fixed into the horizontal profile of the cabinet's frame.

Material

Al-Zn coated sheet steel

Scope of delivery

Cable bar with fixing accessories.
Cable clamps should be ordered separately.

For cabinet width [mm]	Catalogue number
600	WZ-6282-72-04-000
800	WZ-6282-72-03-000
1000	WZ-6282-72-02-000
1200	WZ-6282-72-01-000

Package: 1 pc.



Cable clamps

For fixing cables on the cable bar fixed to the cabinet's frame
or plinth.

Material

Zinc coated sheet steel

Scope of delivery

Cable clamp - 5 pcs

For cable diameter [mm]	Catalogue number
8-12	WZ-K12U-00-00-000/5
12-16	WZ-K16U-00-00-000/5
16-20	WZ-K20U-00-00-000/5
20-24	WZ-K24U-00-00-000/5
24-28	WZ-K28U-00-00-000/5
28-32	WZ-K32U-00-00-000/5
32-36	WZ-K36U-00-00-000/5
36-40	WZ-K40U-00-00-000/5
40-44	WZ-K44U-00-00-000/5
44-48	WZ-K48U-00-00-000/5
48-52	WZ-K52U-00-00-000/5
52-56	WZ-K56U-00-00-000/5

Package: 5 pcs

ACCESSORIES FOR SIZE3 CABINETS

CABLE MANAGEMENT

Cable bar mounted to plinth

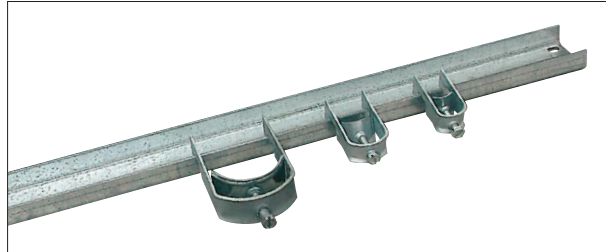
For fixing cables that enter the cabinet.
Screwed to the cabinet plinth through the cable bar bracket.

Material

Al-Zn coated sheet steel

Scope of delivery

Cable bar without fixing accessories
(cage nuts, screws M6, washers - see page 86).
Cable clamps should be ordered separately.



For cabinet width [mm]	Catalogue number
600	WZ-1951-22-04-000
800	WZ-1951-22-03-000
1000	WZ-1951-22-02-000
1200	WZ-1951-22-01-000

Package: 1 pc.

Cable bar bracket

For mounting the cable bar on the modular plinth.

Material

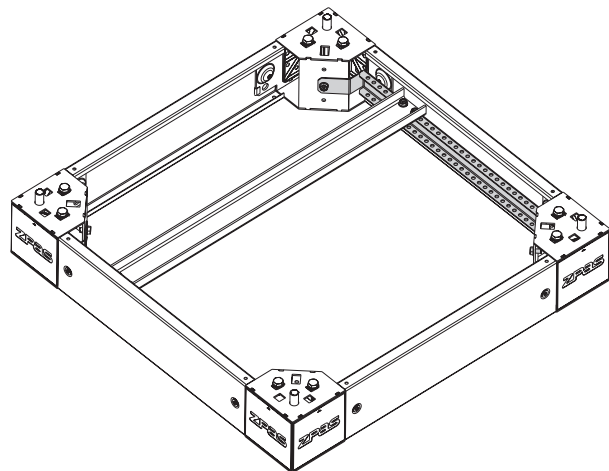
Al-Zn coated sheet steel

Scope of delivery

Two supports for cable bar with fixing accessories.

For cabinet depth [mm]	Catalogue number
400	WZ-6935-75-09-000
500	WZ-6935-75-07-000
600	WZ-6935-75-05-000
800	WZ-6935-75-03-000

Package: 1 pc.



ACCESSORIES FOR SIZE3 CABINETS

BAYING CABINETS IN ROWS



Mounting plate infill

The plate infill makes it possible to achieve uniform mounting plane in cabinets bayed in rows.

Material

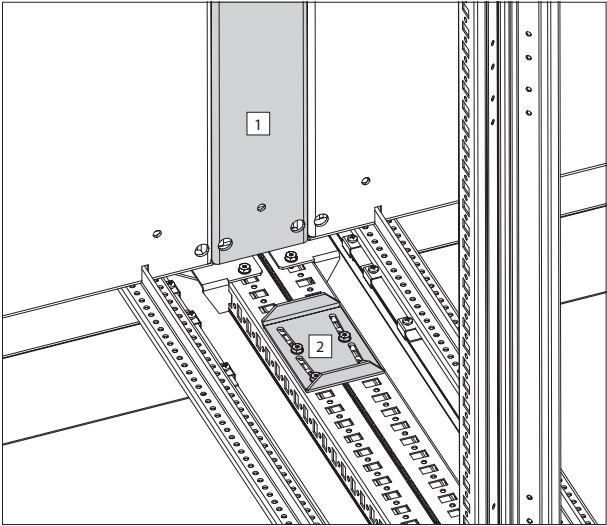
Zinc coated sheet steel

Scope of delivery

Mounting plate infill with fixing accessories.

For cabinet height [mm]	Catalogue number
2000	WZ-6282-24-02-000
2200	WZ-6282-24-01-000

Package: 1 pc.



1 - mounting plates connector
2 - frame connector – type A

ACCESSORIES FOR SIZE3 CABINETS

BAYING CABINETS IN ROWS

Frame connectors and gasket

For baying cabinets in rows.

Material

Frame connectors - Al-Zn coated sheet steel.

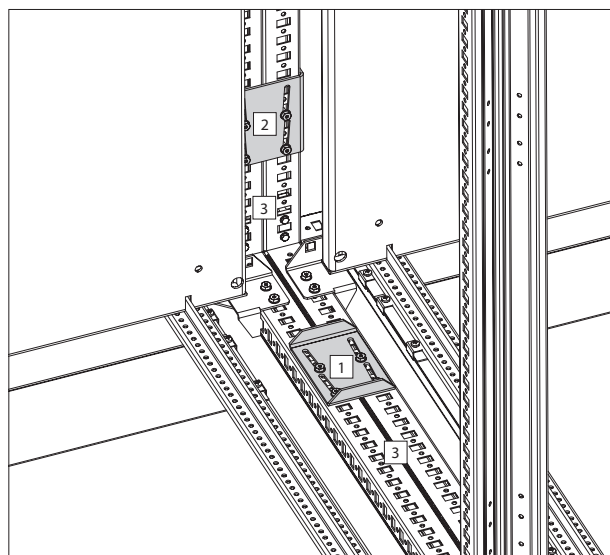
Gasket - polyurethane foam.

Scope of delivery

Frame connectors with fixing accessories, self-adhesive gasket - see table below.

Elements available separately or in set.

Description	Package	Catalogue number
Set for baying two cabinets together: - frame connectors type A - 4 pcs - frame connectors type B - 2 pcs - self-adhesive gasket - 6 m - fixing accessories	1 set	WZ-6678-00-00-000-EM/S



1 - frame connector – type A

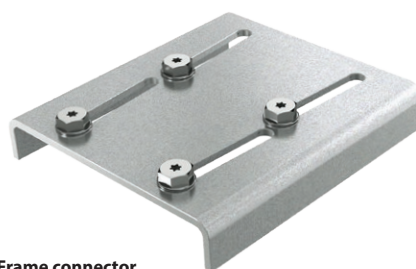
2 - frame connector – type B

3 - self-adhesive gasket mounted on connection of cabinets' frames



Frame connector type A

for connecting lower and upper horizontal profiles and front vertical profiles of cabinets' frames



Frame connector type B

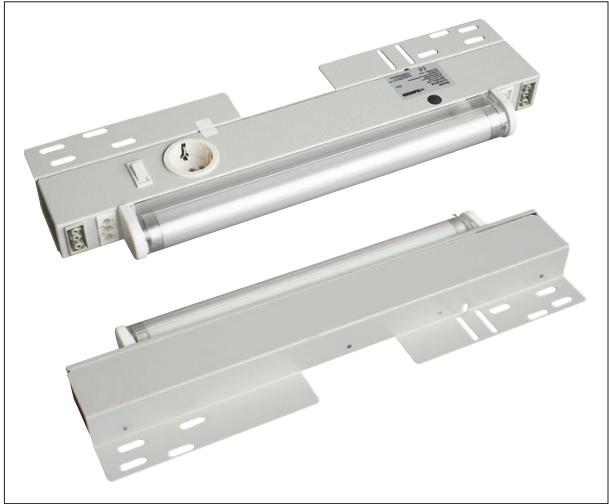
for connecting rear vertical profiles of cabinets' frames



Self-adhesive gasket

ACCESSORIES FOR SZE3 CABINETS

LIGHTING



System lighting kit

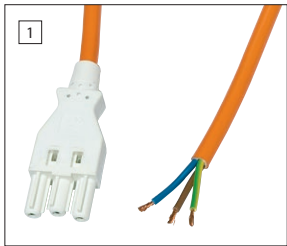
Electric light fitting fixed into the horizontal profile of the cabinet's frame. Equipped with a Schuko power socket and a switch.
Possibility of direct power supply or use of the connecting cable from an adjacent lighting fitting.
Possibility of door switch control.

Material

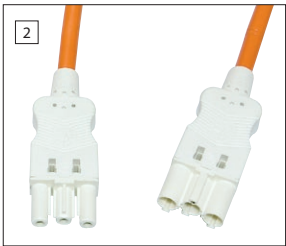
Electric light fitting
- sheet steel powder painted in RAL 7035 colour
Mounting bar - Al-Zn coated sheet steel

Scope of delivery

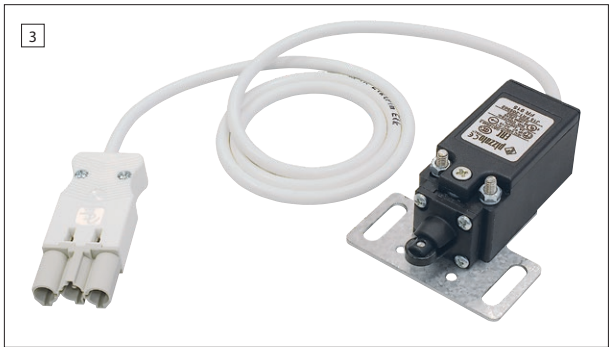
Kit contains: electric light fitting with a 14 W fluorescent lamp, connecting plug, mounting bar (only for the cabinets 600 mm wide), fixing accessories. Connecting cable, power supply cable and door switch set are to be ordered separately.



Power supply cable



Connecting cable



Door switch set with cable

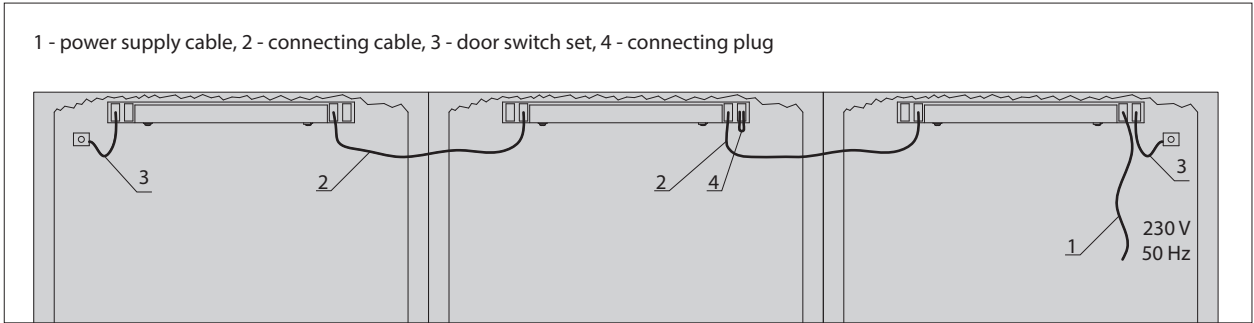
Product name	For cabinet width [mm]	Catalogue number
System lighting kit with fixing accessories	1200, 1000, 800	WZ-6282-39-02-000
System lighting kit with fixing accessories and mounting bar	600	WZ-6282-39-01-000
Connecting cable 0.6 m	600 - 800	M1T-02-0012
Connecting cable 1.0 m	1000 - 1200	M1T-02-0011
Power supply cable 3.0 m		M1T-02-0016
Door switch set with 1.0 m cable		WZ-6282-71-00-000

Package: 1 pc.



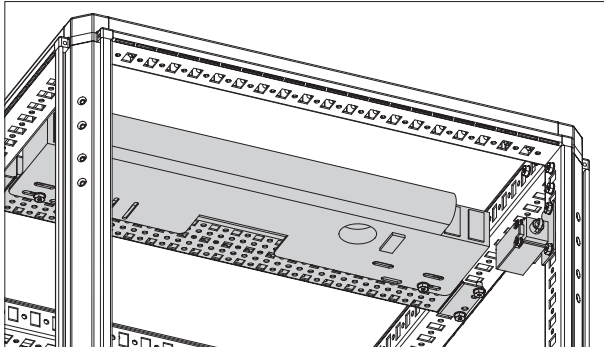
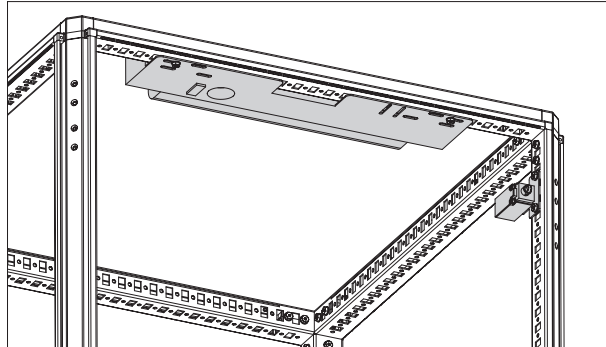
Connecting plug (instead of the door switch)

CONNECTION DIAGRAM



ACCESSORIES FOR SIZE3 CABINETS

LIGHTING

SYSTEM LIGHTING KIT
IN SIZE3 CABINET 600 MM WIDESYSTEM LIGHTING KIT
IN SIZE3 CABINET 800 MM WIDE OR WIDER

Lighting set

Electric light fitting with mounting bracket for attaching it to:

- horizontal or vertical profiles of cabinet frame,
- mounting bars type A or B,
- or 19" transverse bar.

Total length of the electric light fitting with mounting brackets: 340 mm

Material

Body of the light fitting

- aluminium

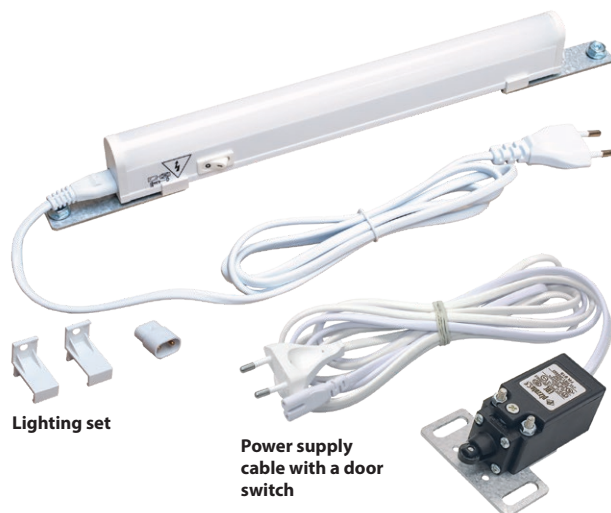
Mounting brackets

- Al-Zn coated sheet steel

Scope of delivery

Set: electric light fitting with a LED lamp 230 V, 5 W and switch, two mounting brackets, 1.5 m power supply cable, fixing accessories.

The power supply cable equipped with a door switch is to be ordered separately.



Lighting set

Power supply cable with a door switch

Product name	Package	Catalogue number
Lighting set	1 set	WN-6282-99-00-000
Power supply cable 1,6 + 1,0 m with a door switch	1 set	WN-0208-04-10-000-02

Universal lighting

LED lamp, 230 V, 5 W, with switch and 1,3 m power cord.

Mounted with two magnets.

Serial installation possible.

Material

Plastic

Scope of delivery

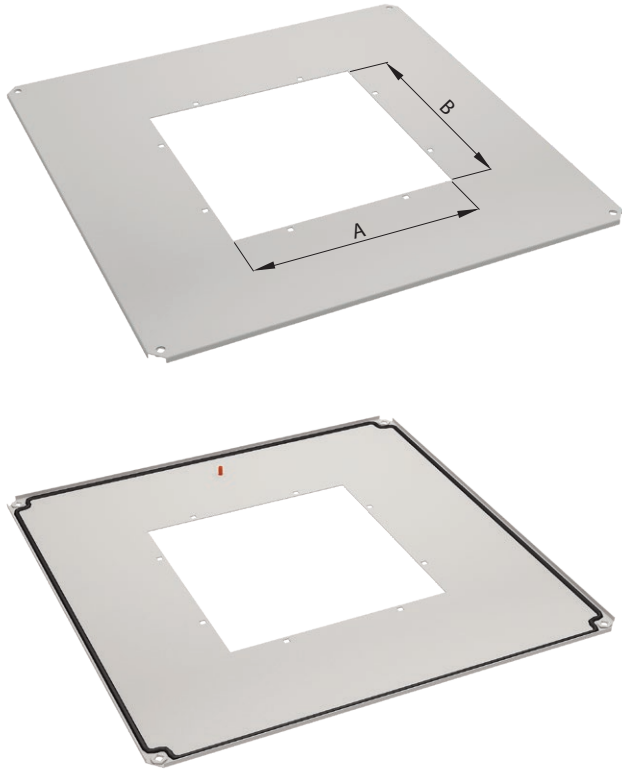
Lamp (1 pc.) with power cord.



Product name	Package	Catalogue number
Universal lighting	1 set	M10-06-0644

ACCESSORIES FOR SIZE3 CABINETS

TOP PANEL



Top panel with opening

Top panel with opening can be used instead of the solid top panel.

With a sealing gasket and the opening for blanking plate (see page 95) or a roof fan unit (see catalogue ZPAS Data Communication Solutions).

Material

Sheet steel powder painted in light grey (RAL 7035).

Scope of delivery

Top panel with fixing accessories for mounting to the cabinet.

For cabinet		Opening dimensions A x B [mm]	Catalogue number
width [mm]	depth [mm]		
600	400	380 x 210	WZ-6282-53-16-011
	500	380 x 210	WZ-6282-53-15-011
	600	380 x 380	WZ-6282-53-14-011
	800	380 x 380	WZ-6282-53-13-011
800	400	380 x 210	WZ-6282-53-12-011
	500	380 x 210	WZ-6282-53-11-011
	600	380 x 380	WZ-6282-53-10-011
	800	380 x 380	WZ-6282-53-09-011
1000	400	380 x 210	WZ-6282-53-08-011
	500	380 x 210	WZ-6282-53-07-011
	600	380 x 380	WZ-6282-53-06-011
	800	380 x 380	WZ-6282-53-05-011
1200	400	380 x 210	WZ-6282-53-04-011
	500	380 x 210	WZ-6282-53-03-011
	600	380 x 380	WZ-6282-53-02-011
	800	380 x 380	WZ-6282-53-01-011

Package: 1 pc.



ACCESSORIES FOR SIZE3 CABINETS

CABLE GLAND PLATES AND BLANKING PLATES

Blanking and cable entry plates for cabinet's top panel

For blanking the opening in the top panel (see page 94).

Material

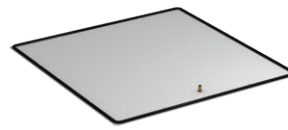
Sheet steel powder painted in RAL 7035.

Scope of delivery

Blanking or cable entry plate with mounting elements.

Type of blanking or cable entry plate	Protection degree of cabinets equipped with a blanking plate		For opening [mm]	Catalogue number
	Cabinet without a roof	Cabinet with a roof		
Solid blanking plate	IP 55	IP 55	380 x 380	WZ-4810-07-00-011
			380 x 210	WZ-1951-26-00-011
Perforated blanking plate	IP 20	IP 21	380 x 380	WZ-1718-39-01-011
			380 x 210	WZ-1718-39-02-011
Blanking plate with a fabric filter	IP 10	IP 21	380 x 380	WZ-1718-42-01-011
			380 x 210	WZ-1718-42-02-011
Cable entry plate with a brush strip	IP 00	IP 21	380 x 380	WZ-5271-10-00-011
			380 x 210	WZ-5271-14-00-011
Cable entry plate with a foam strip	IP 10	IP 21	380 x 380	WZ-1718-40-01-011
			380 x 210	WZ-1718-40-02-011
Cable entry plate with a fabric filter and a brush strip	IP 00	IP 21	380 x 380	WZ-SB76-00-00-011

Package: 1 pc.



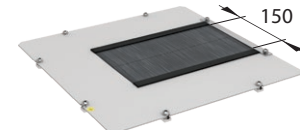
Solid blanking plates



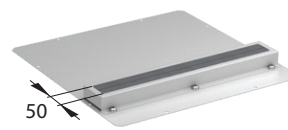
Perforated blanking plates



Blanking plates with a fabric filter



Cable entry plates with a brush strip



Cable entry plates with a foam strip

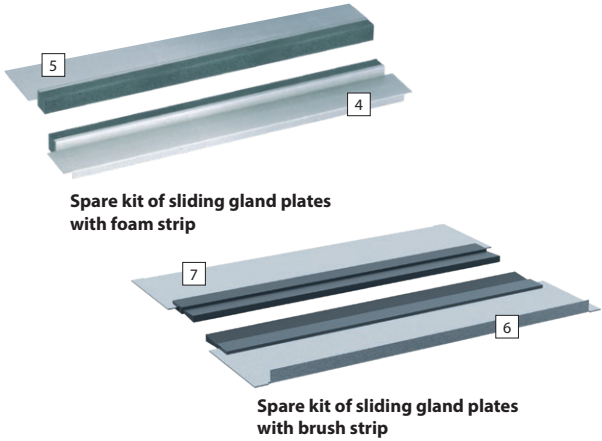


Cable entry plate with a fabric filter and a brush strip



ACCESSORIES FOR SZE3 CABINETS

CABLE GLAND PLATES AND BLANKING PLATES



Spare kit of sliding gland plates for cabinet's bottom plate

Sliding gland plates with foam strip (4, 5) or brush strip (6, 7) are intended for application instead of standard sliding gland plates (1, 2).

They create a cable opening with adjustable width.

Foam strip protects cable isolation lead into the cabinet from any defects, at the same time increasing the cabinet's tightness. Brush strip protects against dust.

Material

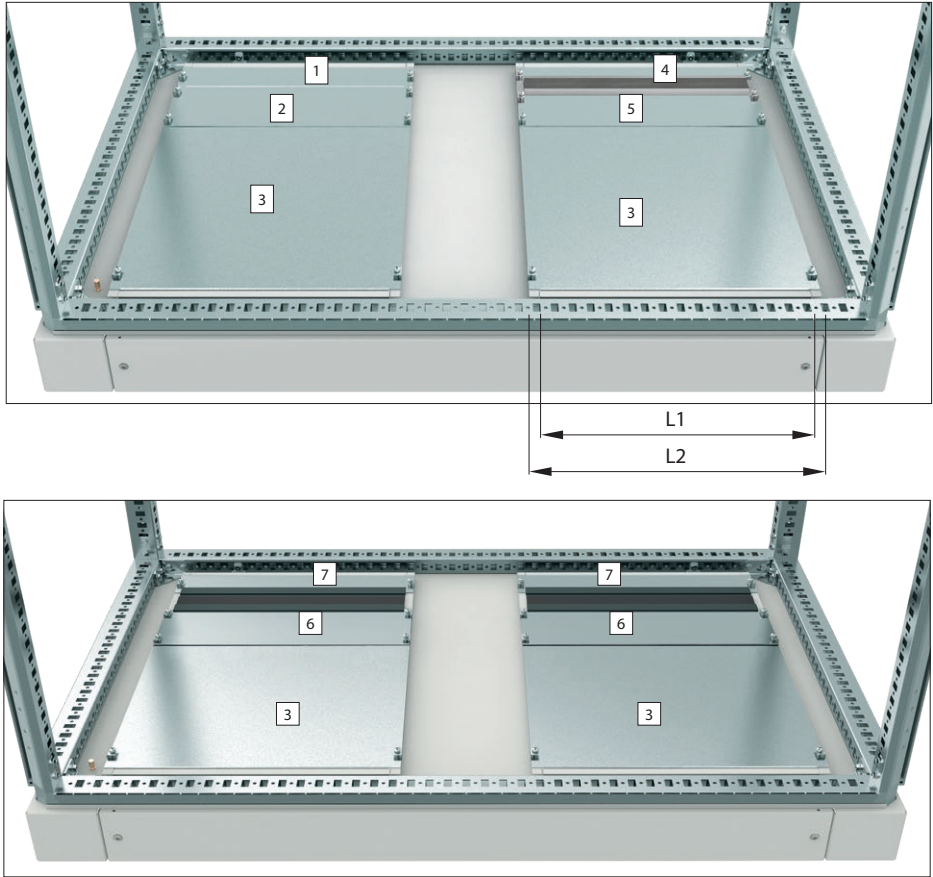
Al-Zn coated sheet steel, polyurethane foam, plastic brush.

Scope of delivery

Set of 2 sliding gland plates with foam strip (No. 4 and 5) or brush strip (No. 6 and 7). Used for one opening in SZE3 cabinet bottom plate (note: 1000 and 1200 mm wide cabinets have two openings in the bottom plate).

For cabinet width [mm]	Width of the opening for the sliding gland plate L1 [mm]	Width of the sliding gland plate L2 [mm]	Catalogue number	
			Kit of sliding gland plates with foam strip	Kit of sliding gland plates with brush strip
800	586	616	WZ-1951-81-01-000	WZ-8186-50-01-000
1200 or 600	386	416	WZ-1951-81-02-000	WZ-8186-50-02-000
1000	356	386	WZ-1951-81-03-000	WZ-8186-50-03-000

Package: 1 set



Method of fastening sliding gland plates in the bottom plate of the SZE3 cabinet

Supply of all cabinets includes:

1, 2, 3 – standard sliding gland plates (without foam or brush) for each opening in the bottom plate of the cabinet.

Supplementary accessories:

4, 5 - spare kit of sliding gland plates with foam strip or

6, 7 - spare kit of sliding gland plates with brush strip (intended for fastening instead of standard gland plates without foam or brush)

ACCESSORIES FOR SZE3 CABINETS

CABLE GLAND PLATES • EARTHING

Kit of sliding gland plates with a foam strip

For 800 mm deep SZE3 cabinets.

Material

Al-Zn coated sheet steel, polyurethane foam.

Scope of delivery

Set of 4 sliding gland plates with foam, 1 central plate, fixing elements. Used for one opening in SZE3 cabinet bottom plate (note: 1000 and 1200 mm wide cabinets have two openings in the bottom plate).



For cabinet width [mm]	Width of the opening for the sliding gland plate L1 [mm]	Width of the sliding gland plate L2 [mm]	Catalogue number
800	586	616	WZ-5716-13-05-000
1200 or 600	386	416	WZ-5716-13-07-000
1000	356	386	WZ-5716-13-03-000

Package: 1 set

Vertical earthing bar

Mounted vertically to the 19" swing frame using brackets. It has threaded holes M6 for cables fixing.

Length: 1650 mm

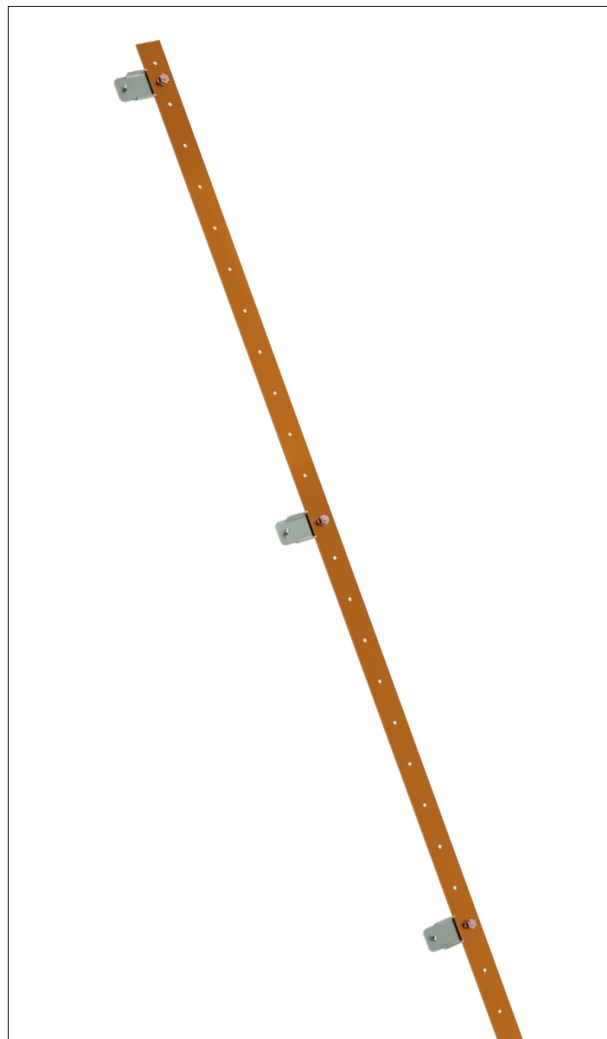
Material

Copper bar 30 x 3 mm

Scope of delivery

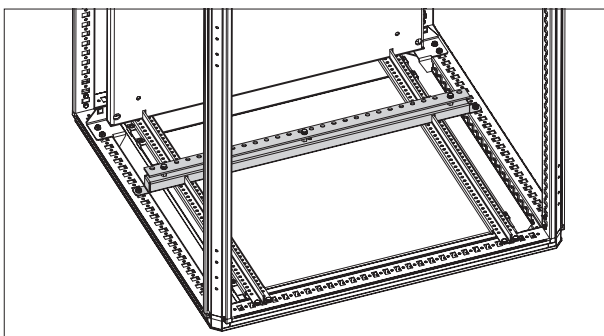
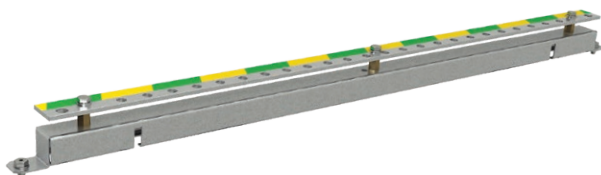
Earthing bar with brackets and fixing elements.

Package	Catalogue number
1 set	WZ-7580-11-00-000



ACCESSORIES FOR SZE3 CABINETS

EARTHING AND SHIELDING

**Earthing bar**

Earthing bar with a bracket for mounting on horizontal profiles of SZE3 cabinet's frame. It has M8 threaded holes for fastening cables. Bar mounted to the bracket using metal fixing/spacer bolts.

Material

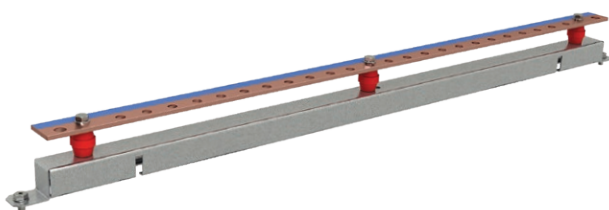
Earthing bar - zinc coated steel

Mounting bracket - Al-Zn coated sheet steel

Scope of delivery

Earthing bar with bracket and fixings accessories for assembling into the cabinet.

For cabinet width [mm]	Package	Catalogue number
1200	1 pc.	WZ-6282-78-01-000
1000	1 pc.	WZ-6282-78-02-000
800	1 pc.	WZ-6282-78-03-000
600	1 pc.	WZ-6282-78-04-000

**Shielding bar**

Shielding bar with a bracket for mounting on horizontal profiles of SZE3 cabinet's frame. It has M8 threaded holes for fastening cables. Bar mounted to the bracket using insulators.

Material

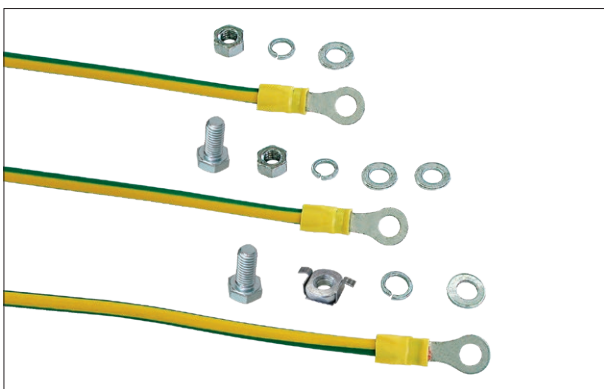
Shielding bar - copper

Mounting bracket - Al-Zn coated sheet steel

Scope of delivery

Shielding bar with bracket and fixing accessories for assembling into the cabinet.

For cabinet width [mm]	Package	Catalogue number
1200	1 pc.	WZ-6282-79-01-000
1000	1 pc.	WZ-6282-79-02-000
800	1 pc.	WZ-6282-79-03-000
600	1 pc.	WZ-6282-79-04-000

**Earthing cable set**

Copper wires for making compensation protective connections between all the removable components of the cabinet, its structure, and the earthing strip.

Cables are terminated with ring terminals for M8 bolts.

Material

Copper, galvanized steel, stainless steel

Scope of delivery

Set: 9 insulated strand, full section 6 mm², fixing accessories.

Package	Catalogue number
1 set	WZ-6282-50-00-000

ACCESSORIES FOR SIZE3 CABINETS

HEATING, VENTILATING AND COOLING

Heater

Compact heat device equipped with fan.

Technical data

- Power supply 230 V AC 50-60 Hz
- Heating force 200/400 W
- Fan capacity 10 m³ /h
- Protection degree IP 20
- Dimensions 71x70x95 mm

Features:

- 2 power ranges depending on how connect the power cord,
- independent power supply circuit of the fan.

Scope of delivery:

- heater,
- DIN rail,
- two holders,
- screw clamps for connecting power cords.

Package	Catalogue number
1 pc.	WN-0316-09-00



Thermostat

Thermostatic regulator indicated for controlling fans, heaters, heat exchanger or for attaching signal generator at exceeding preset temperature limits.

Technical data:

- Sensor element:
thermal bimetal
- Temperature range:
0-60 °C, hysteresis ca. 7 °C
- Contact types:
snap action contact
- Power carrying capacity:
6 A (1) 250 V AC
- Radio frequency interference:
N (according to VDE 0875)

Scope of delivery:

Thermostat, DIN rail, cable, two holders, two clamps.

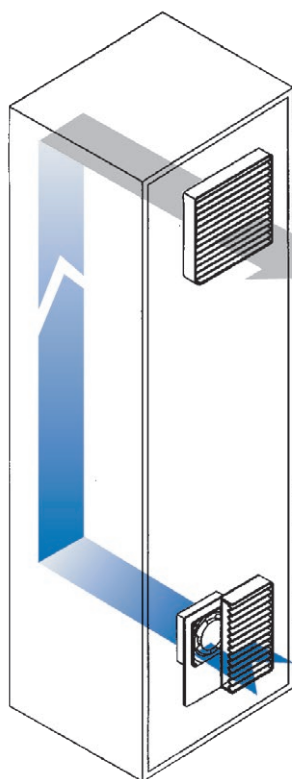
Type of thermostat	Colour of handwheel	Package	Catalogue number
Normally closed Switches off devices (e.g. heaters) at selected temperature limit.	●	1 pc.	WN-0201-01-00-000/A
Normally open Switches on ventilation system (e.g. fans) at selected temperature limit.	●	1 pc.	WN-0201-02-00-000/A



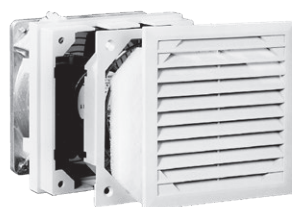
Thermostat normally open

ACCESSORIES FOR SZE3 CABINETS

HEATING, VENTILATING AND COOLING



Example of ventilation of the cabinet with forced air circulation



Example of filter fans

Filter fans and exhaust filters

- Intended for mounting in side panels and door of the cabinet.
- Fastened with latches and screws.
- Enclosure made of ABS material, light grey (RAL 7035).
- Equipped with high quality filter inserts and gaskets.
- Possibility of changing direction of air flow by turning the fan.

Type of fan supply

230 V AC (50/60 Hz)

On request: 115 V AC (50/60 Hz) or 24 V DC

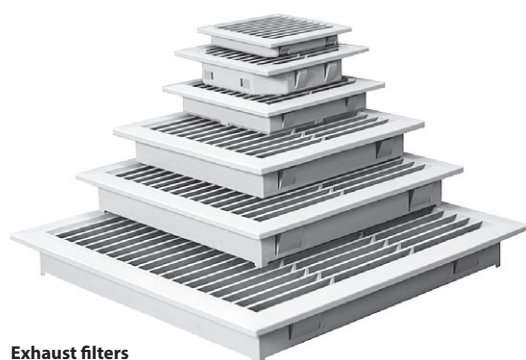
Protection degree

IP 54 in accordance with EN 60529

Selection of filter fans and exhaust filters should be consulted with ZPAS customer service.

FILTER FANS

Type	Air flow through filter fan [m³/h]		Dimensions [mm]		Catalogue number
	without filter	with filter	montage opening	overall dimensions	
LV100	25	15	92 x 92	105 x 105	M1S-01-0026
LV200	58	40	116 x 116	130 x 130	M1S-01-0043
LV250	63	42	125 x 125	148 x 148	M1S-01-0074
LV300	115	90	177 x 177	204 x 204	M1S-00-0010
LV400	250	205	223 x 223	250 x 250	M1S-00-0011
LV410	250	205	223 x 223	250 x 250	M1S-01-0070
LV500	315	235	223 x 223	250 x 250	M1S-01-0066
LV550	370	260	223 x 223	250 x 250	M1S-00-0055
LV600	580	385	292 x 292	323 x 323	M1S-01-0067
LV700	730	530	292 x 292	323 x 323	M1S-00-0045
LV800	930	610	292 x 292	323 x 323	M1S-01-0104



Exhaust filters

EXHAUST FILTERS

Type	Dimensions [mm]		Catalogue number
	montage opening	overall dimensions	
GV100	92 x 92	105 x 105	M1S-03-0007
GV200	116 x 116	130 x 130	M1S-03-0023
GV250	125 x 125	148 x 148	M1S-03-0030
GV300	177 x 177	204 x 204	M1S-03-0010
GV400/500	223 x 223	250 x 250	M1S-03-0011
GV600/700	292 x 292	323 x 323	M1S-03-0031

ACCESSORIES FOR SIZE3 CABINETS

HEATING, VENTILATING AND COOLING

Air conditioner and heat exchanger

On customer's request, SIZE3 cabinets can be equipped with an air conditioner or heat exchanger (air/air type) fixed on the doors, side panels or in the top plate.

Mode of operation

Internal cabinet air is sucked up from the top, cooled inside the air conditioner or heat exchanger and returned the cabinet at a high speed towards the bottom. This solution ensures optimum cooling of the entire cabinet.

Protection degree

Air conditioners and heat exchangers in standard ZPAS offer have IP 54 protection degree.



Heat exchangers

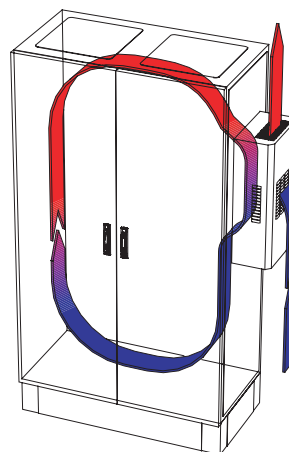
AVAILABLE TYPES OF AIR CONDITIONERS**Side/door-mounted**

PROTHERM Indoor

- basic series of air conditioners
- 330-4000 W cooling power
- designed for mounting on cabinet side panel or door

SLIM

- for applications where flat air conditioner is required
- 500-3000 W cooling power
- designed for mounting on cabinet side panel or on cabinet door



Air conditioner fixed on cabinet's side panel

PROTHERM Outdoor

- for use outdoors
- 550-4000 W cooling power
- two mounting options: outside or inside a cabinet
- optional built-in heater

Roof-mounted

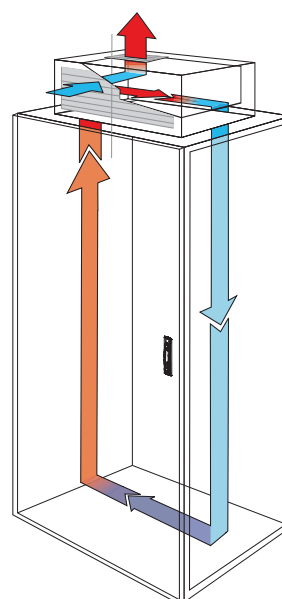
TOP

- mounted on cabinet roof
- 330-5200 W cooling power
- most models equipped with triple condensate protection system

Modular

MODULE

- for cabinet sets, mounted on the side of a cabinet with a depth 600 or 800 mm
- 5800-10000 W cooling power
- all models with electronic control

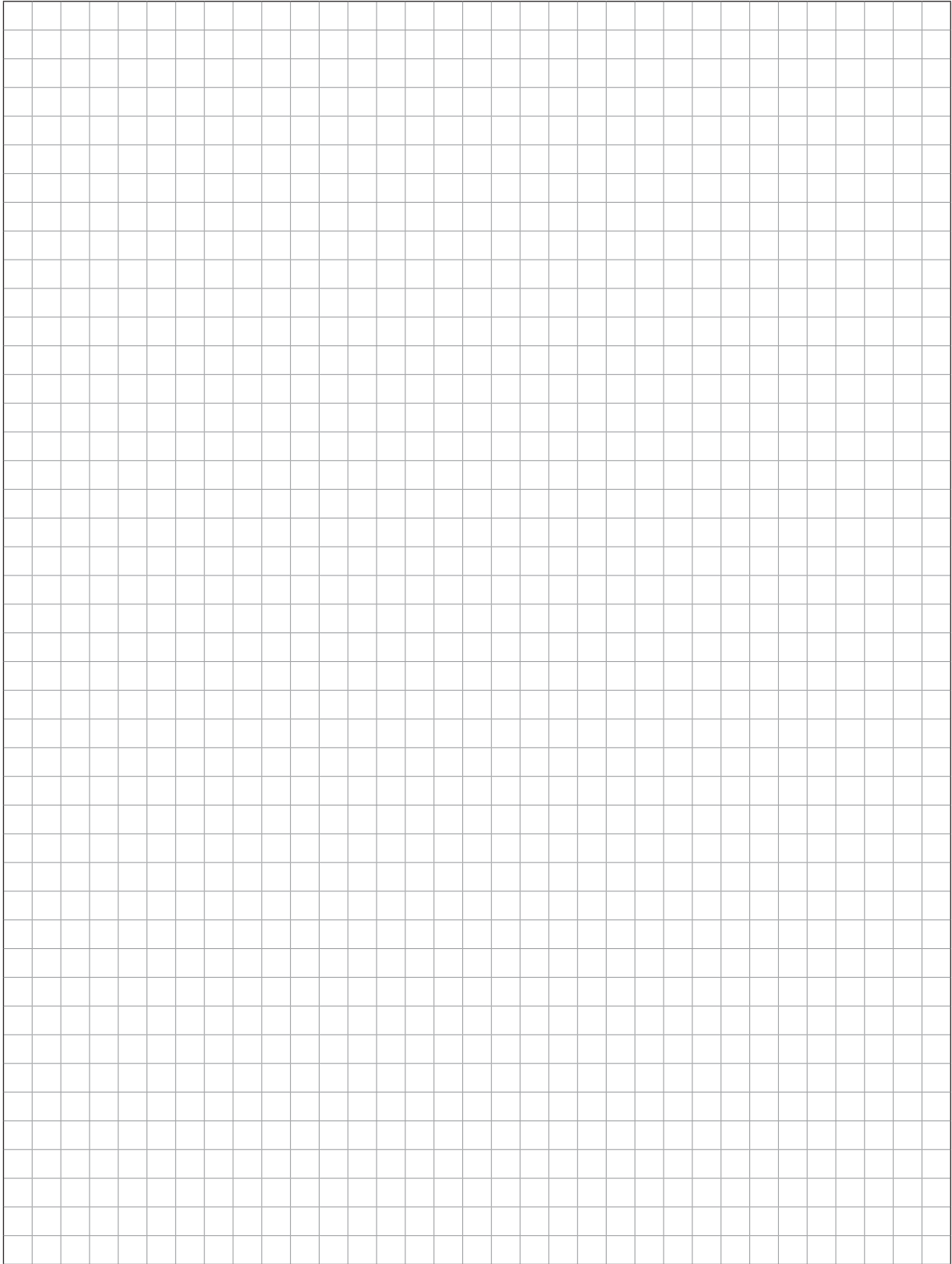


Air conditioner fixed on cabinet's top plate

Selection of the air conditioner or heat exchanger should be consulted with ZPAS customer service.

SWN WALL-MOUNTED CABINETS

VENTILATING, COOLING AND HEATING



SWN WALL-MOUNTED CABINETS



SWN WALL-MOUNTED CABINETS

SWN WALL-MOUNTED CABINETS

TECHNICAL DATA



Compact wall-mounted cabinets designed for electrical installations. In the standard version they are designed for indoor applications. Manufactured in 20 dimensions in accordance with the chart below. Cabinets of non-standard dimensions are quoted individually.

TECHNICAL DATA

Material

Sheet steel

Protection degree

IP 65 in accordance with EN 60529

Surface finish

Body, door, blanking plate – Epoxide-polyester thick-texture powder paint in RAL 7035, intended for indoor usage. On customer's request, it is possible to use facade paint with improved resistance to adverse weather conditions.

Mounting plate - Al-Zn coated



SWN cabinets
are UL certified



Note:

The body, door and blanking plate can be made of stainless steel - see page 102.

SCOPE OF DELIVERY

body, door, mounting plate, 1 or 2 blanking plates (see pages 106-107).

SUPPLEMENTARY ACCESSORIES

Elements shall be ordered separately (see pages 112-113): shielding bar, earthing bar, earthing cables, wall brackets, 19" rack.

REFERENCE CHART

Width [mm]	Depth [mm]	Height [mm]					
		300	400	500	600	800	1000
		Catalogue numbers of standard SWN cabinets					
200	115	WZ-SWN-302011-01-011	—	—	—	—	—
300	150	WZ-SWN-303015-01-011	—	—	—	—	—
	210	—	WZ-SWN-403021-01-011	—	—	—	—
400	150	—	—	—	—	—	—
	210	WZ-SWN-304021-01-011	WZ-SWN-404021-01-011	WZ-SWN-504021-01-011	—	—	—
	250	—	—	—	WZ-SWN-604025-01-011	—	—
	300	—	WZ-SWN-404030-01-011	WZ-SWN-504030-01-011	—	—	—
500	210	—	—	WZ-SWN-505021-01-011	—	—	—
	250	—	WZ-SWN-405025-01-011	—	WZ-SWN-605025-01-011	—	—
	300	—	—	—	WZ-SWN-605030-01-011	—	—
600	250	—	WZ-SWN-406025-01-011	—	WZ-SWN-606025-01-011	WZ-SWN-806025-01-011	WZ-SWN-106025-01-011
	300	—	—	—	—	WZ-SWN-806030-01-011	—
800	300	—	—	—	—	WZ-SWN-808030-01-011	WZ-SWN-108030-01-011

WALL-MOUNTED CABINETS

SWN

TECHNICAL DATA

DESCRIPTION OF SWN CABINET DESIGN**Body**

- The body of SWN is a tight-welded sheet metal structure. Optimised door light ensures maximum use of available space.
- A multi-folded enclosure aperture protects against dust and moisture even when the door is open.
- In the bottom of the body, there is an opening for a gland plate. Dimensions of the opening depend on cabinet dimensions.
- Inside the body there are self-tapping screws for fixing the mounting plate.
- On the rear side of the body there are cut-outs for mounting the cabinet directly on the wall or by using lifting brackets.

Door

- Cabinets are provided with a single-leaf door.
- Depending on height, either one or two locks including double-bit insert are used:
 - cabinets up to 400 mm high - one lock in the middle;
 - cabinets from 500 to 1000 mm high - two locks.
- There are hinges fixed to the door; the number depends on cabinet height: from 300 to 600 mm - two hinges, from 800 to 1000 mm - three hinges.
- Interior of the door including sealing gasket and earthing studs.
- Left or right door option.
- Maximum door opening angle 120°.

Mounting plate

- Fixed to rear side of the body.
- In cabinets up to 600 mm high the flat mounting plate is used.
- In cabinets 800 or 1000 mm high, a folded mounting plate is used to maintain appropriate stiffness.
- Mounting plate including fixing points for earthing bar.

Blanking plate - cable entry plate

- Cabinets, depending on the size, includes one or two blanking plates (see drawings on pages 106-107).
- Blanking plates are fixed by self-tapping screws.
- Includes sealing gasket and earthing stud.
- Gland cable entries available on request.

Earthing and shielding

- The door and the blanking plate including earthing studs.
- Earthing bar and shielding bar (for fixing to the mounting plate) and earthing cables are delivered as supplementary accessories.

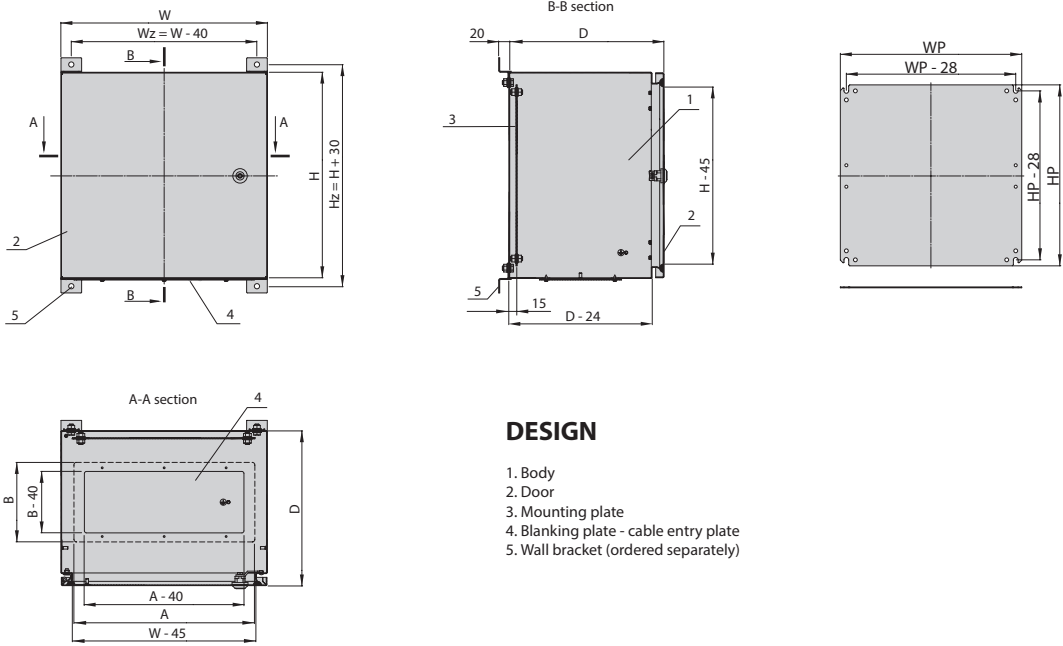


Blanking plate fixed to the cabinet's bottom

SWN WALL-MOUNTED CABINETS

DESIGN

Basic dimensions of SWN cabinets with one blanking plate



DESIGN

- 1. Body
- 2. Door
- 3. Mounting plate
- 4. Blanking plate - cable entry plate
- 5. Wall bracket (ordered separately)

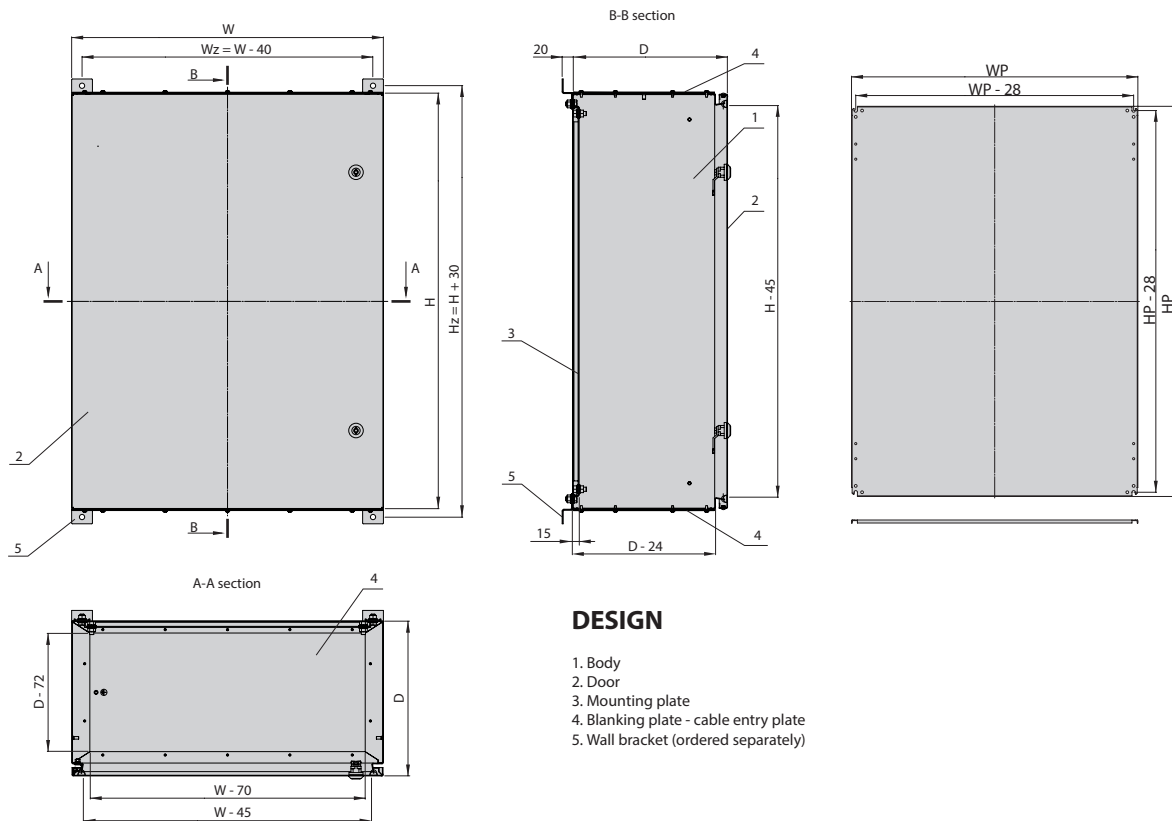
REFERENCE CHART

Cabinet dimensions [mm]	Height H	300			400					500			600				800			1000	
	Width W	200	300	400	300	400	400	500	600	400	400	500	400	500	500	600	600	600	800	600	800
	Depth D	115	150	210	210	210	300	250	250	210	300	210	250	250	300	250	250	300	300	250	300
Cabinet reference number		1	1	1	1	1	1			1	1	1	1								
Number of locks in the door		1	1	1	1	1	1			2	2	2	2								
Number of hinges in the door		2	2	2	2	2	2			2	2	2	2								
Mounting plate dimensions [mm]	Height HP	251	251	251	351	351	351			451	451	451	551								
	Width WP	151	251	351	251	351	351			351	351	451	351								
Blanking plate dimensions	A	172	172	341	172	341	349			341	349	341	349								
	B	82	82	101	82	101	159			101	159	101	159								

WALL-MOUNTED CABINETS

SWN

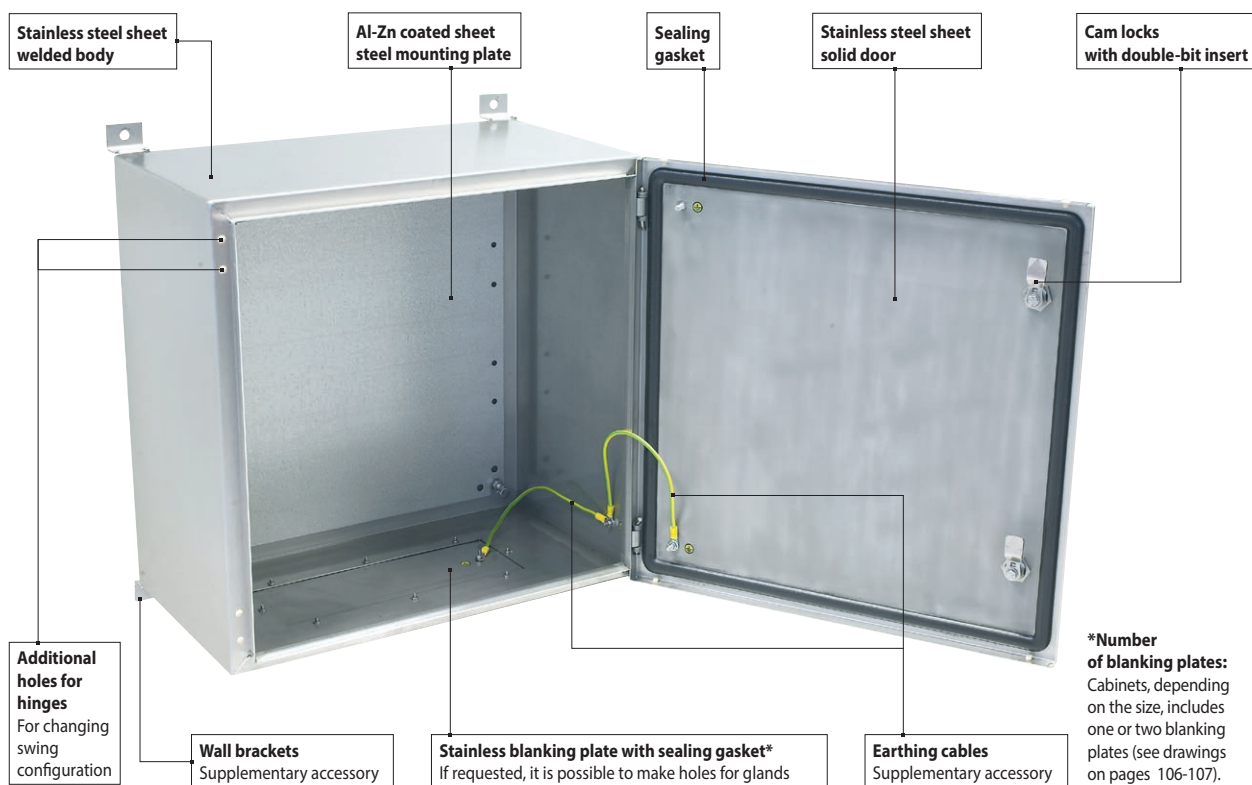
DESIGN

Basic dimensions of SWN cabinets with two blanking plates**REFERENCE CHART**

Cabinet dimensions [mm]	Height H	300			400					500			600				800			1000	
	Width W	200	300	400	300	400	400	500	600	400	400	500	400	500	500	600	600	600	800	600	800
	Depth D	115	150	210	210	210	300	250	250	210	300	210	250	250	300	250	250	300	300	250	300
Cabinet reference number								2	2					2	2	2	2	2	2	2	2
Number of locks in the door								1	1					2	2	2	2	2	2	2	2
Number of hinges in the door								2	2					2	2	2	3	3	3	3	3
Mounting plate dimensions [mm]	Height HP							351	351					551	551	551	751	751	751	951	951
	Width WP							451	551					451	451	551	551	551	751	551	751

SWN Inox STAINLESS STEEL WALL-MOUNTED CABINETS

- Compact, versatile, single-door wall cabinets for installation of electrical equipment to be protected against unauthorized access, dust and moisture.
- Intended for use in outdoor conditions in corrosion-aggressive environment or wherever extra hygiene is required.
- Design and reference chart of SWN Inox stainless cabinets is fully compatible with standard SWN cabinets produced by ZPAS.



REFERENCE CHART

Material

Body, door, blanking plate, wall brackets
- 1.4301 stainless steel as per EN 10088 (AISI 304), other grade possible on demand
Mounting plate
- Al-Zn coated sheet steel

Protection degree

IP 65 in accordance with EN 60529

External surface finish

Class 1 (see configurator on page 109)

Cabinet's scope of delivery

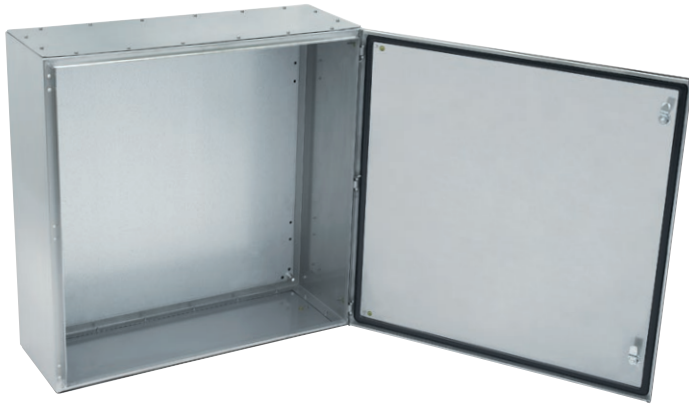
Body, door, blanking plate, mounting plate.

Supplementary accessories ordered separately
see pages 112-113

Width [mm]	Depth [mm]	Height [mm]					
		300	400	500	600	800	1000
		Catalogue numbers of standard versions of SWN Inox stainless steel cabinets					
200	115	WZ-SWN-302011-N1-000	—	—	—	—	—
300	150	WZ-SWN-303015-N1-000	—	—	—	—	—
	210	—	WZ-SWN-403021-N1-000	—	—	—	—
400	150	—	—	—	—	—	—
	210	WZ-SWN-304021-N1-000	WZ-SWN-404021-N1-000	WZ-SWN-504021-N1-000	—	—	—
	250	—	—	—	WZ-SWN-604025-N1-000	—	—
	300	—	WZ-SWN-404030-N1-000	WZ-SWN-504030-N1-000	—	—	—
500	210	—	—	WZ-SWN-505021-N1-000	—	—	—
	250	—	WZ-SWN-405025-N1-000	—	WZ-SWN-605025-N1-000	—	—
	300	—	—	—	WZ-SWN-605030-N1-000	—	—
600	250	—	WZ-SWN-406025-N1-000	—	WZ-SWN-606025-N1-000	WZ-SWN-806025-N1-000	WZ-SWN-106025-N1-000
	300	—	—	—	—	WZ-SWN-806030-N1-000	—
800	300	—	—	—	—	WZ-SWN-808030-N1-000	WZ-SWN-108030-N1-000

Note: Cabinet body and door can be additionally powder painted - see configurator on page 109

STAINLESS STEEL WALL-MOUNTED CABINETS

SWN Inox

SWN Inox cabinet 800 x 800 x 300 mm, cat. no. WZ-SWN-808030-N1-000, two blanking plates (upper and bottom)

WALL-MOUNTED CABINETS

SWN & SWN Inox

CATALOGUE NUMBER - SWN AND SWN INOX CABINET CONFIGURATOR

WZ-SWN-XXXXXX-XX-XXX

Reference number
specifies the cabinet's overall dimensions (see reference chart)

Width [mm]	Depth [mm]	Height [mm]					
		300	400	500	600	800	1000
200	115	302011	—	—	—	—	—
	150	303015	—	—	—	—	—
300	210	—	403021	—	—	—	—
	150	—	—	—	—	—	—
400	210	304021	404021	504021	—	—	—
	250	—	—	—	604025	—	—
	300	—	404030	504030	—	—	—
500	210	—	—	505021	—	—	—
	250	—	405025	—	605025	—	—
600	300	—	—	—	605030	—	—
	250	—	406025	—	606025	806025	106025
800	300	—	—	—	—	806030	—
	300	—	—	—	—	808030	108030

Cabinet colour:
000 - without paint
011 - RAL 7035 - light grey, paint for indoor usage
J61/501 - RAL 7035 - light grey, paint for outdoor usage with primer
161 - RAL 9005 - black, paint for indoor usage

Cabinet material (body, door, blanking plates):
01 - carbon steel
N1 - Inox - AISI 304 stainless steel, surface finish class 1
N2 - Inox - AISI 304 stainless steel, surface finish class 2
N3 - Inox - AISI 316 stainless steel, surface finish class 1
N5 - Inox - AISI 316L stainless steel, surface finish class 1

Surface finish classes for standard stainless steel products manufactured in ZPAS**Class 1**

Grinded sheet metal (4NT), reconstructed structure from the outside after weld treatment, structure crossing only where this cannot be avoided. Welds and pressure welds cleaned from chips from the inside, etched by submersion (inside and outside), possible slight discolouration only where welded.

Class 2

Grinded sheet metal (4NT), external welds cleaned with a hand-held glazing calender – larger overflows can be sanded locally after welding. Welds and pressure welds cleaned from chips from the inside, untreated, acceptable discolouration after welding and pressure welding.

SWN IT 19" WALL-MOUNTED CABINETS

Compact wall-mounted cabinets, designed for installing electrical equipment on mounting plates and 19" mounting profiles. Depending on the version, designed for use indoors or outdoors.
Basic dimensions: usable height **12 U**, width **600 mm**, depth **400 mm**

TECHNICAL DATA

Material

Sheet steel.

Protection degree

IP 65 in accordance with EN 60529.

Surface finish

Body, door, blanking plate - powder paint in light grey (RAL 7035), for indoor (cabinets without roof) or outdoor (cabinets with roof) use.

Mounting plate, 19" mounting profiles and mounting profile brackets - Al-Zn coated.

SCOPE OF DELIVERY

Body, door, mounting plate, blanking plate (cable entry plate), 19" set (four brackets, two 19" mounting profiles), roof (depending on the cabinet version).

SUPPLEMENTARY ACCESSORIES

Elements shall be ordered separately (see pages 112-113): shielding bar, earthing bar, earthing cables, wall brackets.



SWN IT indoor cabinet with glazed door



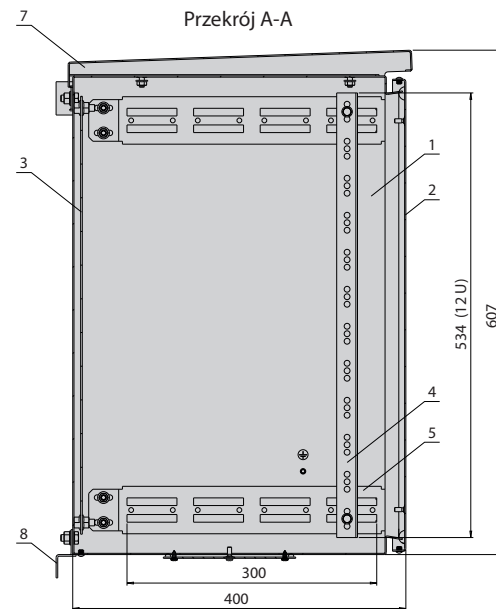
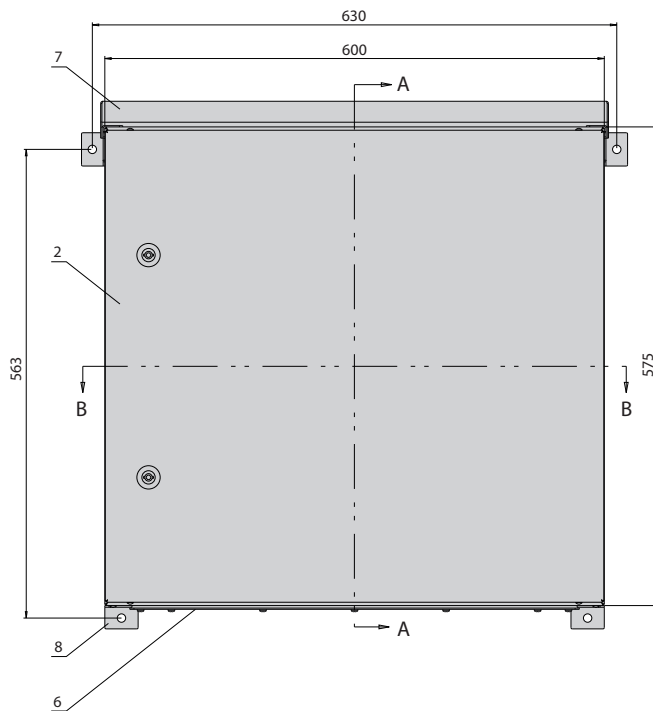
SWN IT indoor cabinet with solid door



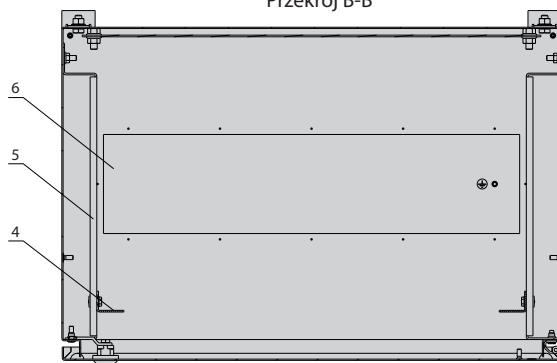
SWN IT outdoor cabinet with roof



WALL-MOUNTED CABINETS

SWN IT 19"

Przekrój B-B

**DESIGN**

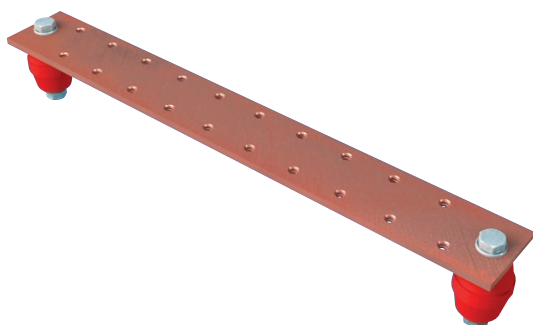
1. Body
2. Door
3. Mounting plate
4. 19" mounting profile
5. Mounting profile bracket
6. Blanking plate
7. Roof (only in the outdoor cabinet)
8. Bracket for wall mounting (supplementary accessory)

REFERENCE CHART

Cabinet version	Catalogue number
SWN IT wall-mounted cabinet, 12 U, 600 x 400 mm, solid door, without roof, for indoor use	WZ-6844-01-00-011
SWN IT wall-mounted cabinet, 12 U, 600 x 400 mm, glazed door, without roof, for indoor use	WZ-6844-21-00-011
SWN IT wall-mounted cabinet, 12 U, 600 x 400 mm, solid door, with roof, for outdoor use	WZ-6844-31-00-J61/501

SWN WALL-MOUNTED CABINETS

SUPPLEMENTARY ACCESSORIES



Shielding bar

Fixed to the mounting plate by insulators (fixing points are made during assembly). Threaded holes M5 for fixing wires.

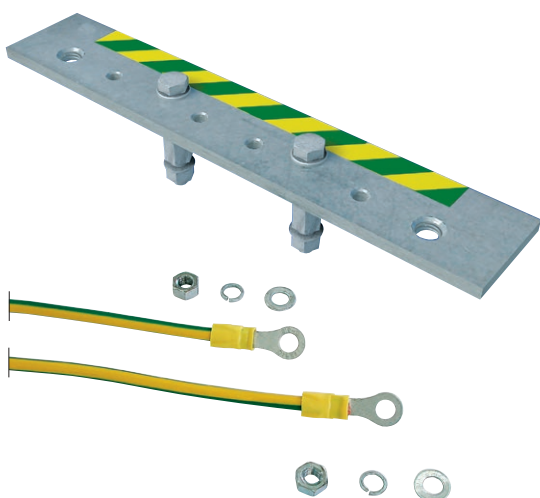
Material

Copper bar 30 x 4 mm.

Scope of delivery

Shielding bar with 2 insulators and screws for fixing on the mounting plate.

For cabinets width [mm]	Length of the bar [mm]	Package	Catalogue number
200 - 400	130	1 pc.	WZ-2285-10-01-000
500 - 800	230	1 pc.	WZ-2285-10-02-000



Earthing set

Consists of an earthing bar and 2 earthing cables.

Earthing bar attaches to the mounting plate. It has M5 and M8 threaded holes for attaching cables.

Earthing cables can be used to connect removable cabinet components to the earthing bar or directly to the cabinet body.

Material

Galvanised steel flat bar 30 x 4 x 170 mm.

Insulated copper wires with a cross-section of 6 mm² and a length of 300 mm, fitted with galvanised lugs with eyelets.

Scope of delivery

Earthing bar, 2 earthing cables, fixing accessories.

Package	Catalogue number
1 set	WZ-2285-13-00-000



Wall mounting brackets

The brackets are fixed to the holes in the rear wall of the cabinet in a horizontal or vertical position.

Diameter of fixing holes: 10 mm

Spacing between rear side of the cabinet and the wall: 20 mm
1 set = 4 brackets per cabinet.

Material

Al-Zn-coated or stainless sheet steel.

Scope of delivery

Set: 4 brackets with bolts, washers and nuts for fastening to the rear wall of the cabinet.

Material	Catalogue number
Al-Zn-coated sheet steel	WZ-2285-14-00-000
Stainless sheet steel	WZ-6742-14-00-000

Package: 1 set = 4 pcs

WALL-MOUNTED CABINETS

SWN

SUPPLEMENTARY ACCESSORIES

19" rack for SWN cabinets

It is used for mounting 19" devices inside SWN cabinets with a width of 600 mm.

It consists of 2 mounting profiles or mounting angles and 4 brackets with fixing accessories.

For installing the rack inside the cabinet, the openings intended also for mounting hinges are used.

Material

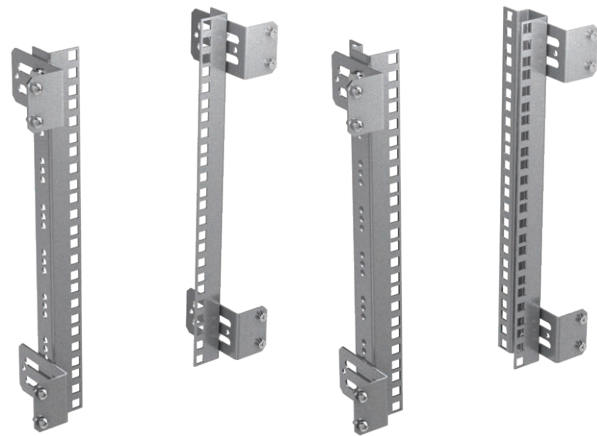
Al-Zn-coated steel sheet

Scope of delivery

2 mounting profiles or mounting angles, 4 brackets with fixing accessories.

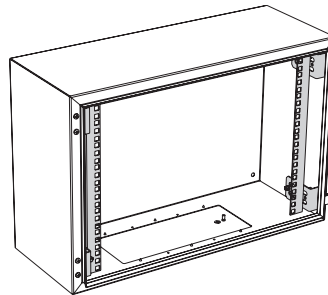
Product name	For SWN cabinet		Usable height [U = 44.45 mm]	Catalogue number
	Width [mm]	Height [mm]		
Rack made of 19" mounting angles	600	400	8 U	WZ-5922-02-01-000
		600	12 U	WZ-5922-02-02-000
		800	17 U	WZ-5922-02-03-000
		1000	21 U	WZ-5922-02-04-000
Rack made of 19" mounting profiles	600	400	8 U	WZ-5922-02-05-000
		600	12 U	WZ-5922-02-06-000
		800	17 U	WZ-5922-02-07-000
		1000	21 U	WZ-5922-02-08-000

Opakowanie: 1 kpl.



Rack made of 19" mounting angles

Rack made of 19" mounting profiles



SWN cabinet's body with installed rack made of 19" mounting angles

Roof

Designed for SWN cabinets installed in outdoor conditions.

Material

Galvanised steel sheet, powder painted in light grey (RAL 7035) for outdoor use, or stainless steel AISI 304 unpainted.

Scope of delivery

Roof with fixing accessories.



For SWN cabinet		Catalogue number	
Width [mm]	Depth [mm]	Roof galvanised and painted in RAL 7035	Stainless steel roof, unpainted
200	115	WZ-6139-73-01-J61/501	WZ-6139-73-13-000
300	150	WZ-6139-73-02-J61/501	WZ-6139-73-14-000
	210	WZ-6139-73-03-J61/501	WZ-6139-73-15-000
400	210	WZ-6139-73-04-J61/501	WZ-6139-73-16-000
	250	WZ-6139-73-05-J61/501	WZ-6139-73-17-000
	300	WZ-6139-73-06-J61/501	WZ-6139-73-18-000
500	210	WZ-6139-73-07-J61/501	WZ-6139-73-19-000
	250	WZ-6139-73-08-J61/501	WZ-6139-73-20-000
	300	WZ-6139-73-09-J61/501	WZ-6139-73-21-000
600	250	WZ-6139-73-10-J61/501	WZ-6139-73-22-000
	300	WZ-6139-73-11-J61/501	WZ-6139-73-23-000
800	300	WZ-6139-73-12-J61/501	WZ-6139-73-24-000

Package: 1 pc.



SWN cabinet with roof

SWN WALL-MOUNTED CABINETS – CUSTOMISED VERSIONS



Outdoor cabinet with DIN rails
body dimensions 500 x 500 x 210 mm, protection degree IP 55, mechanical resistance IK 10,
designed for wall mounting



Outdoor cabinet with 19" mounting profiles
body dimensions 1140 x 714 x 600 mm, protection degree IP 55, mechanical resistance IK 10,
designed in three versions: free-standing (with plinth), wall-mounted or pole-mounted



IP65 Emergency Cabinet
designed for use in for example tunnels



See the video:
zpas.pl/qr/f06

PSL CONTROL DESKS



PSL CONTROL DESKS

PSL MODULAR CONTROL DESKS

TECHNICAL DATA



TYPE I



TYPE II



TYPE III



TYPE IV



- PSL control desks are designed for mounting control apparatus, monitoring systems, measurement devices and visualisation of production processing.
- They are particularly recommended for operation stations, automated processing lines or machinery rooms.
- Equipped with revolving hinge panel which allows for maintenance of mounted devices.
- Manufactured in 4 configurations and 19 dimensions.
- Option of openings in the hinged panel on customer's request.

TECHNICAL DATA

Material

Sheet steel

Protection degree

IP 54 in accordance with EN 60529

Surface finishing

Body of individual segments, doors, rear panels, plinth – Epoxide–polyester powder paint, light grey RAL 7035, recommended for indoor applications

Mounting plates – Al-Zn coated

Note:

On request, the bodies, doors, panels and plinth can be made of stainless sheet steel.

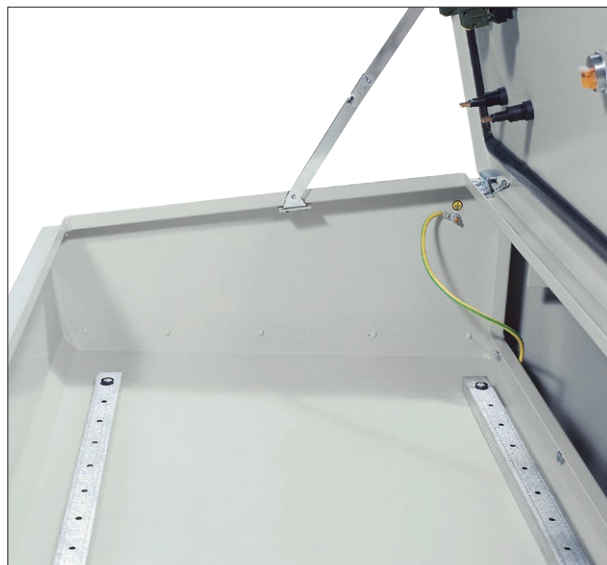
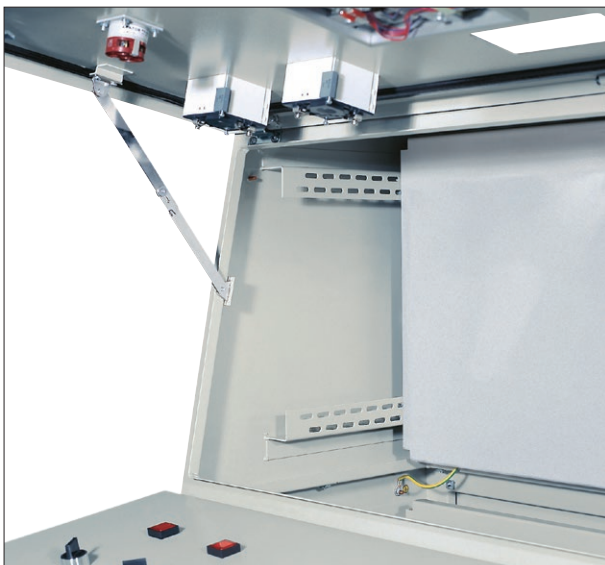
REFERENCE CHART

Width W [mm]	Depth D [mm]	Type of configuration			
		Type I	Type II	Type III	Type IV
		Catalogue numbers of standard PSL desks			
600	450	WZ-0950-01-15-011	–	WZ-0950-01-45-011	WZ-0950-01-60-011
	600	–	WZ-0950-01-29-011	–	–
800	450	WZ-0950-01-12-011	–	WZ-0950-01-42-011	WZ-0950-01-57-011
	600	–	WZ-0950-01-26-011	–	–
1000	450	WZ-0950-01-09-011	–	WZ-0950-01-39-011	WZ-0950-01-54-011
	600	–	WZ-0950-01-23-011	–	–
1200	450	WZ-0950-01-06-011	–	WZ-0950-01-36-011	WZ-0950-01-51-011
	600	–	WZ-0950-01-20-011	–	–
1500	450	WZ-0950-01-03-011	–	WZ-0950-01-33-011	WZ-0950-01-48-011
	600	–	–	–	–

MODULAR CONTROL DESKS

PSL

TECHNICAL DATA



TECHNICAL DATA

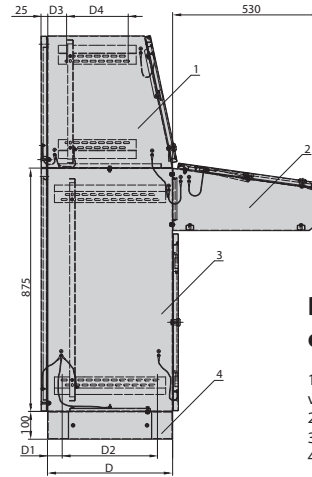
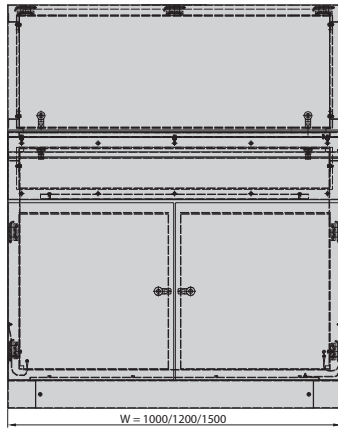
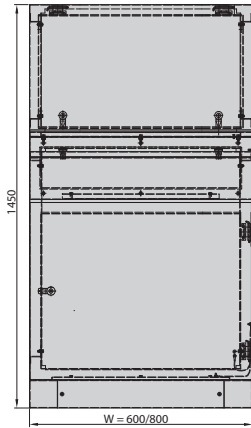
PSL control desks
INDUSTRIAL ENCLOSURES

ZPAS 117

PSL MODULAR CONTROL DESKS

DESIGN

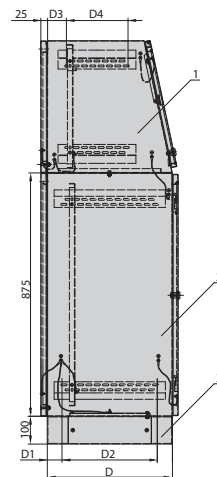
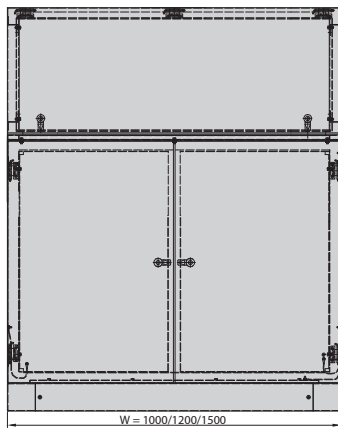
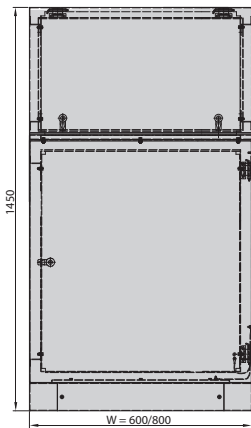
TYPE I



DESIGN of desk type I

1. Top segment (higher version)
2. Front segment
3. Bottom segment
4. Plinth

TYPE II



DESIGN of desk type II

1. Top segment (higher version)
2. Bottom segment
3. Plinth

REFERENCE CHART

Desk dimensions [mm]	Width W	600	600	800	800	1000	1000
	Depth D	450	600	450	600	450	600

		Package	Catalogue numbers					
PSL control desk	Type I	1 pc.	WZ-0950-01-15-011	-	WZ-0950-01-12-011	-	WZ-0950-01-09-011	-
	Type II	1 pc.	-	WZ-0950-01-29-011	-	WZ-0950-01-26-011	-	WZ-0950-01-23-011
	Type III	1 pc.	WZ-0950-01-45-011	-	WZ-0950-01-42-011	-	WZ-0950-01-39-011	-
	Type IV	1 pc.	WZ-0950-01-60-011	-	WZ-0950-01-57-011	-	WZ-0950-01-54-011	-

SCOPE OF DELIVERY

Desks are segment-based structures (see drawings). Individual segments consist of:

- top segment (higher version) – body, door (revolving hinge panel), rear panel, mounting plate;
- top segment (lower version) – body, door (revolving hinge panel);
- bottom segment – body with cable entry in bottom plate blind with blanking plate, front door, rear panel, mounting plate;
- front segment – body, door (revolving hinge panel), two slotted mounting bars.

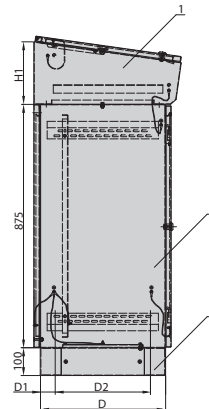
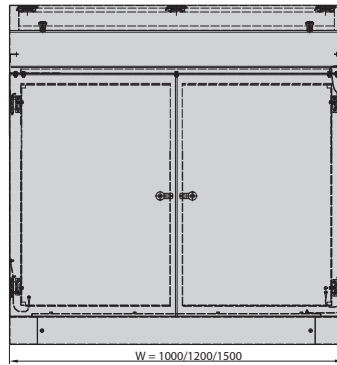
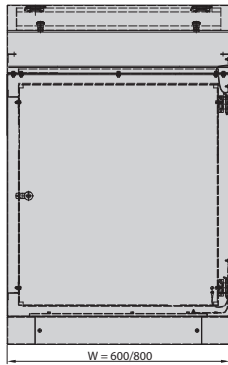
The desk is placed on a 100 mm plinth.

Elements of the desk are connected with each other by earthing cables.

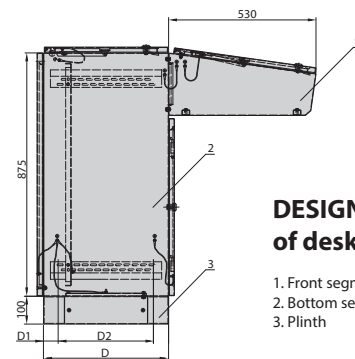
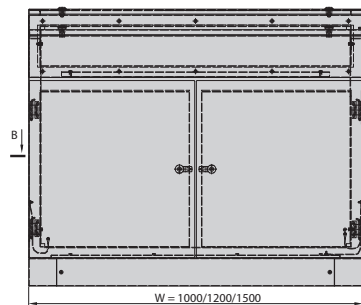
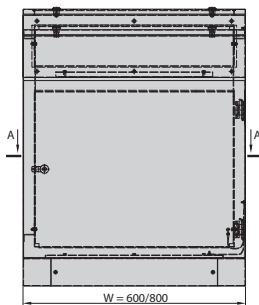
MODULAR CONTROL DESKS

PSL

DESIGN

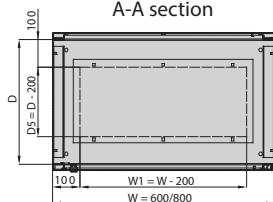
TYPE III**DESIGN
of desk type III**

1. Top segment (lower version)
2. Bottom segment
3. Plinth

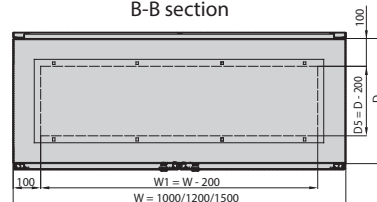
TYPE IV**DESIGN
of desk type IV**

1. Front segment
2. Bottom segment
3. Plinth

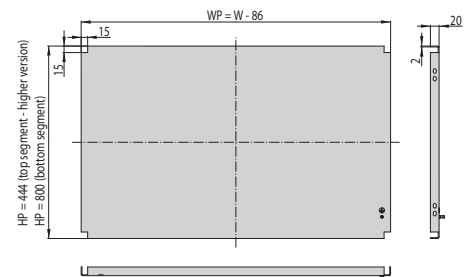
A-A section



B-B section



Mounting plate



1200	1200	1500	1500
450	600	450	600

Catalogue numbers			
WZ-0950-01-06-011	-	WZ-0950-01-03-011	-
-	WZ-0950-01-20-011	-	-
WZ-0950-01-36-011	-	WZ-0950-01-33-011	-
WZ-0950-01-51-011	-	WZ-0950-01-48-011	-

ORDERING INSTRUCTION

For ordering PSL desks refer to catalogue numbers from the chart.

Dimensions [mm]					
D	D1	D2	D3	D4	H1
450	60	330	70	210	225
600	60	480	70	330	262

PSL MODULAR CONTROL DESKS

SAMPLE CUSTOMISED CONTROL DESKS



PSL control desk set on castors, equipped with air vents, rack made of mounting bars, personal computer, UPS, barcode reader, laser printer and WiFi antenna



MODULAR CONTROL DESKS **PSL**

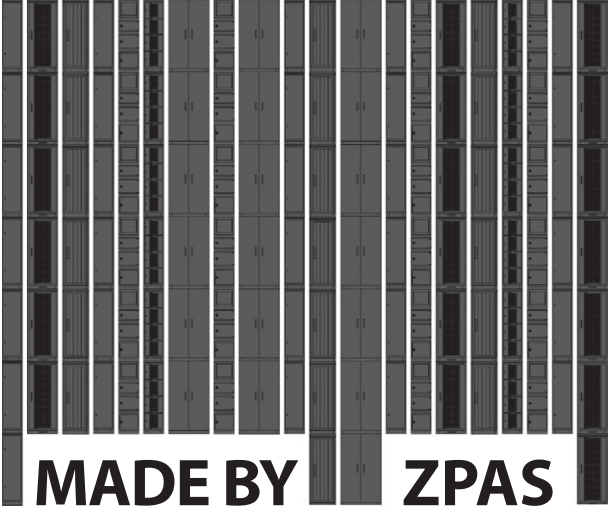
SAMPLE CUSTOMISED CONTROL DESKS



PSL control desk equipped with a industrial keyboard



**PSL control desk equipped with a control system
according to the documentation provided by the customer**



PL MADE BY ZPAS 22

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Industrial Enclosures

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