

SZE2 SYSTEM CABINETS

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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
Cabinets with double-leaf door	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
			500	WZ-SZE2-2003-S10A-00-111-00-0-011	WZ-SZE2-2203-S10A-00-111-00-0-011
Cabinets with double-leaf door	1200	1250	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.

Note: side panels, plinth, roof, lifting eyes and other supplementary accessories should be ordered separately.

TECHNICAL DATA

Material

Sheet steel

Protection degree

IP 54 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 and using polyzinc base.

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.

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; especially recommended for outdoor applications.

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 swing handle and cylinder insert



Lock with double-bit insert



Baying cabinets in rows by using mounting plate infill

Fastening appliances in the cabinet

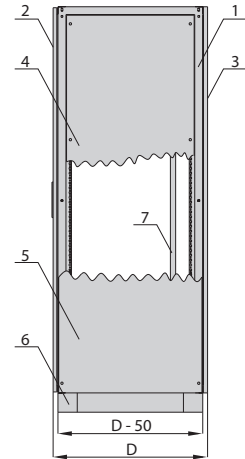
- Mounting plate - fits within the light of the cabinet, easy positioning by means of 2 sliding profiles on both sides; quick fastening using 4 bolts.
- Mounting rails - make it possible to build a required racking system within the cabinet (openings in the rails match the horizontal and vertical openings 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 136-137. Detailed drawings of the cabinet are given on pages 134-135.

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

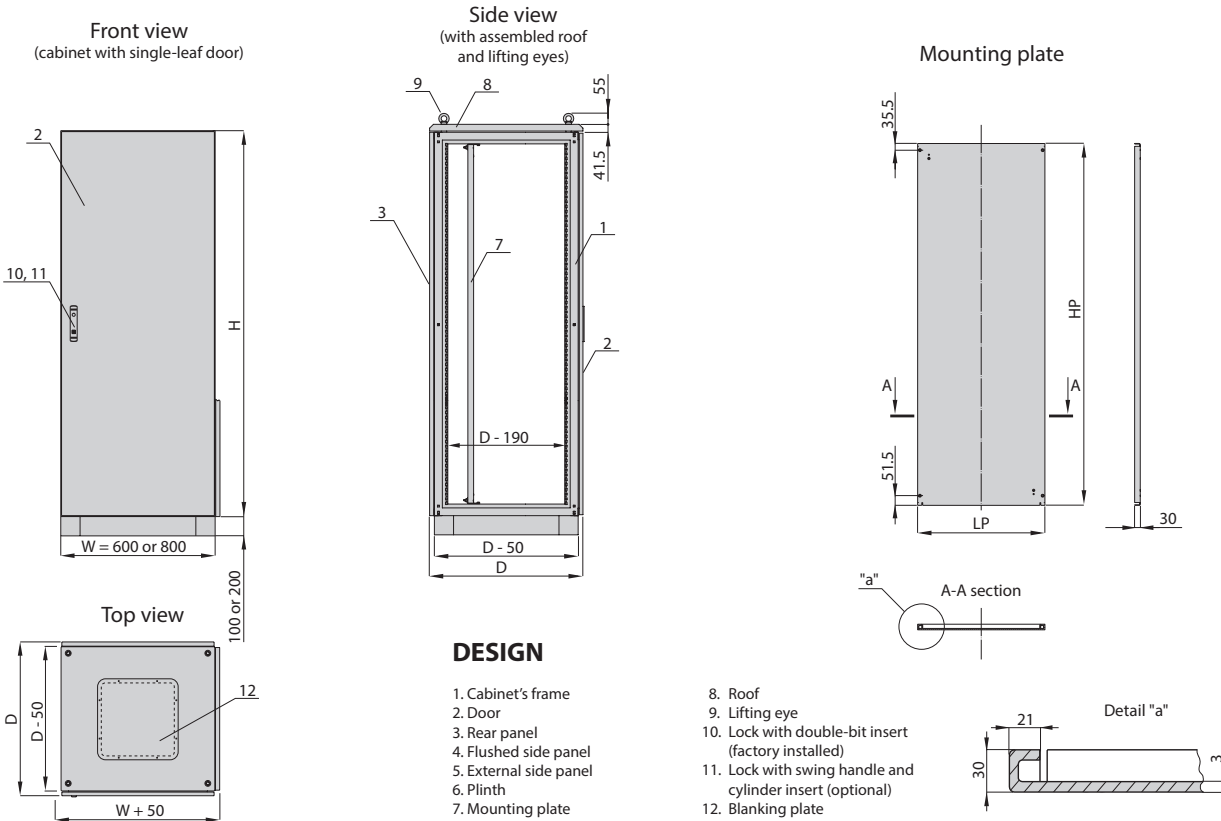
Dimensions of cabinet's frame [mm]	Height H	2000	2000	2000	2000	2000	2000
	Width W	600	600	600	600	800	800
	Depth D	400	500	600	800	400	500
Door's type	Number of wings	1	1	1	1	1	1
Dimensions of mounting plate [mm]	Height HP	1930	1930	1930	1930	1930	1930
	Width WP	512	512	512	512	712	712

		Package	Catalogue numbers					
Supplementary accessories**	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-SZE2-2009-S10A-00-111-00-0-011	WZ-SZE2-2009-S10A-00-111-00-0-011
	Flushed in side panels	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	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	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	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	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	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	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	1 pc.	—	—	—	—	WZ-1951-29-01-011	WZ-1951-29-01-011
	19" asymmetrical swing frame	1 pc.	—	—	—	—	WZ-1951-20-01-011	WZ-1951-20-01-011
	Earthing bar set	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
	Shielding bar	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	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
	Support for cable bar	1 pc.	WZ-1951-66-04-000	WZ-1951-66-03-000	WZ-1951-66-02-000	WZ-1951-66-01-000	WZ-1951-66-04-000	WZ-1951-66-03-000
	Transverse cable bar	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	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 143-175.

SYSTEM CABINETS **SZE2**



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

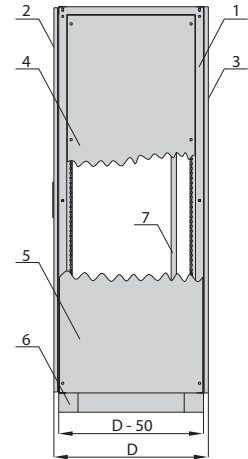
Catalogue numbers									
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WZ-1951-09-02-011	WZ-1951-09-01-011	-	WZ-4950-23-03-011	WZ-4950-23-02-011	WZ-4950-23-01-011	-	WZ-4950-23-03-011	WZ-4950-23-02-011	WZ-4950-23-01-011
WZ-1951-07-06-011	WZ-1951-07-05-011	-	WZ-4950-24-07-011	WZ-4950-24-06-011	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-4950-30-00-000	WZ-4950-30-00-000	WZ-4950-30-00-000
WZ-1951-29-01-011	WZ-1951-29-01-011	-	-	-	-	-	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-1951-66-02-000	WZ-1951-66-01-000	-	WZ-1951-66-03-000	WZ-1951-66-02-000	WZ-1951-66-01-000	-	WZ-1951-66-03-000	WZ-1951-66-02-000	WZ-1951-66-01-000
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 136-137.
Detailed drawings of the cabinet are given on pages 134-135.

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

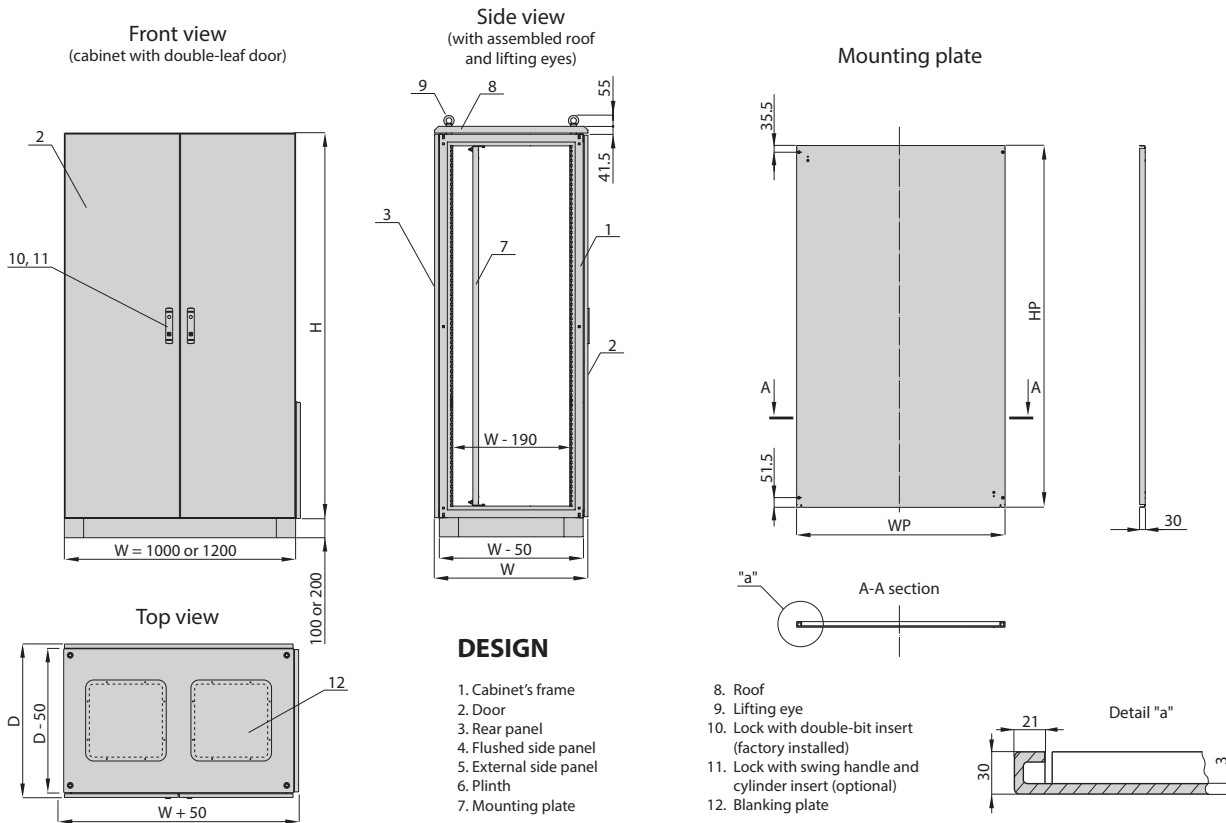
Dimensions of cabinet's frame [mm]	Height H	2000	2000	2000	2000	2000	2000
	Width W	1000	1000	1000	1000	1200	1200
	Depth D	400	500	600	800	400	500
Door's type	Number of wings	2	2	2	2	2	2
Dimensions of mounting plate [mm]	Height HP	1930	1930	1930	1930	1930	1930
	Width WP	912	912	912	912	1112	1112

		Package	Catalogue numbers					
Supplementary accessories**	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
	Flushed in side panels	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	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	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	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	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	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	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	1 pc.	–	–	–	–	–	–
	19" asymmetrical swing frame	1 pc.	–	–	–	–	–	–
	Earthing bar set	1 pc.	–	WZ-1951-24-02-000	WZ-1951-24-02-000	WZ-1951-24-02-000	–	WZ-1951-24-01-000
	Shielding bar	1 pc.	–	WZ-1951-25-02-000	WZ-1951-25-02-000	WZ-1951-25-02-000	–	WZ-1951-25-01-000
	Cable bar	1 pc.	–	WZ-1951-22-02-000	WZ-1951-22-02-000	WZ-1951-22-02-000	–	WZ-1951-22-01-000
	Support for cable bar	1 pc.	–	WZ-1951-66-03-000	WZ-1951-66-02-000	WZ-1951-66-01-000	–	WZ-1951-66-03-000
	Transverse cable bar	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	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 143-175.

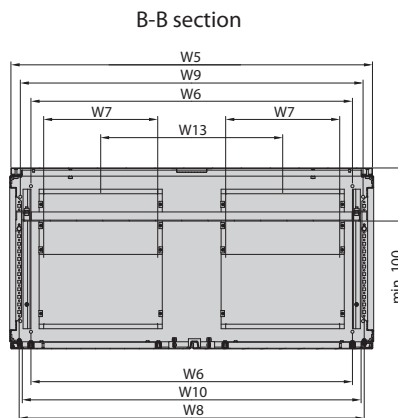
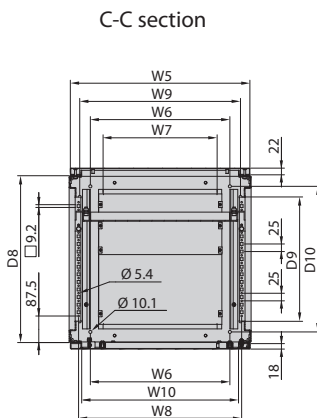
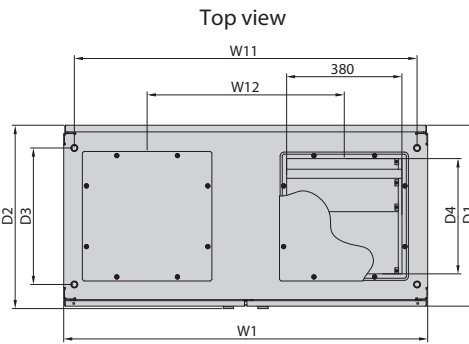
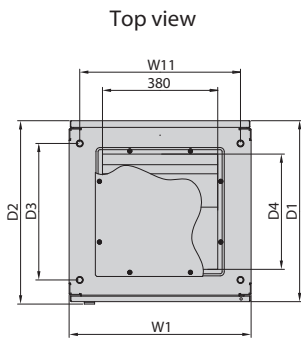
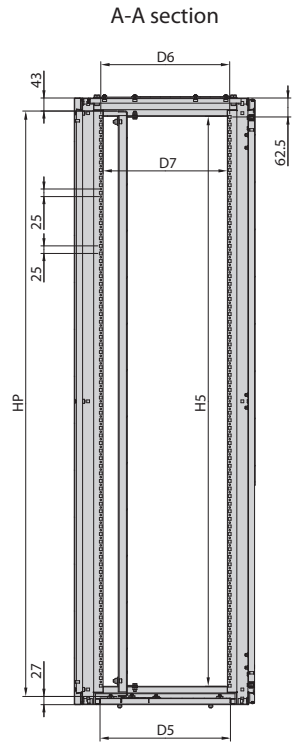
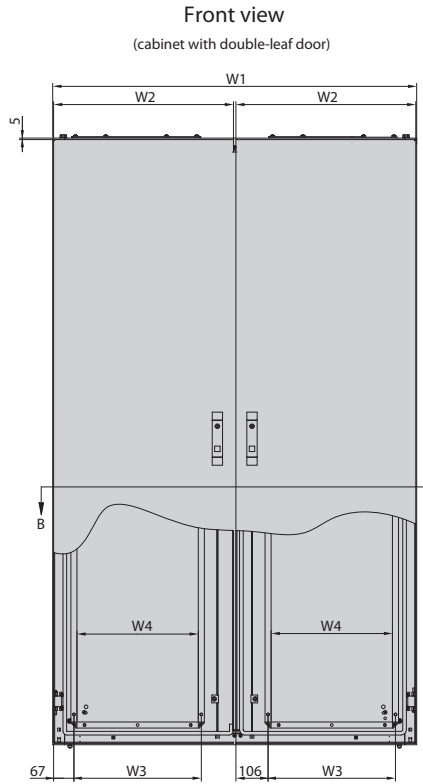
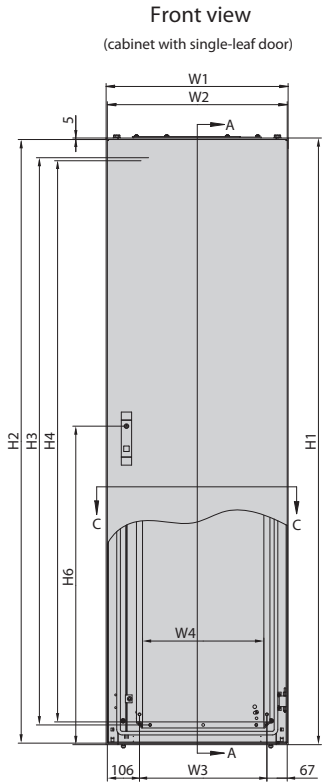
SYSTEM CABINETS **SZE2**



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

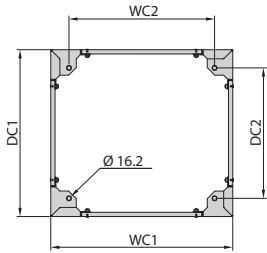
Catalogue numbers									
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WZ-1951-09-02-011	WZ-1951-09-01-011	-	WZ-4950-23-03-011	WZ-4950-23-02-011	WZ-4950-23-01-011	-	WZ-4950-23-03-011	WZ-4950-23-02-011	WZ-4950-23-01-011
WZ-1951-07-06-011	WZ-1951-07-05-011	-	WZ-4950-24-07-011	WZ-4950-24-06-011	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-1951-66-02-000	WZ-1951-66-01-000	-	WZ-1951-66-03-000	WZ-1951-66-02-000	WZ-1951-66-01-000	-	WZ-1951-66-03-000	WZ-1951-66-02-000	WZ-1951-66-01-000
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

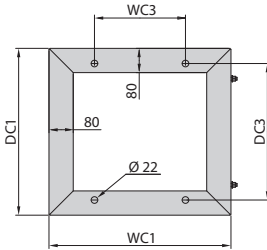


Cabinet's catalogue number	HEIGHT DIMENSIONS					
	H1	H2	H3	H4	H5	H6
WZ-SZE2-2201-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2202-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2203-S10A-00-111-00-0-011	2200	2190	2070	2050	2079	1250
WZ-SZE2-2204-S10A-00-111-00-0-011	2200	2190	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

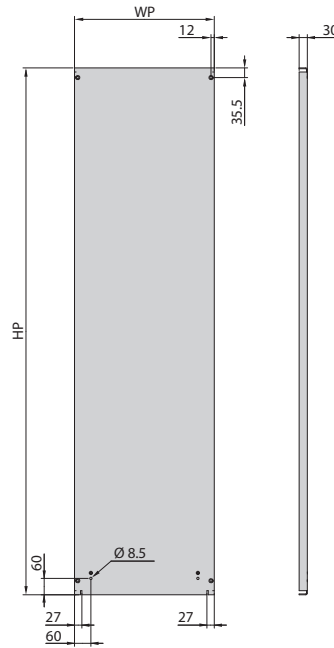
Modular plinth
(openings for floor fastening)



Welded plinth
(openings for floor fastening)



Mounting plate

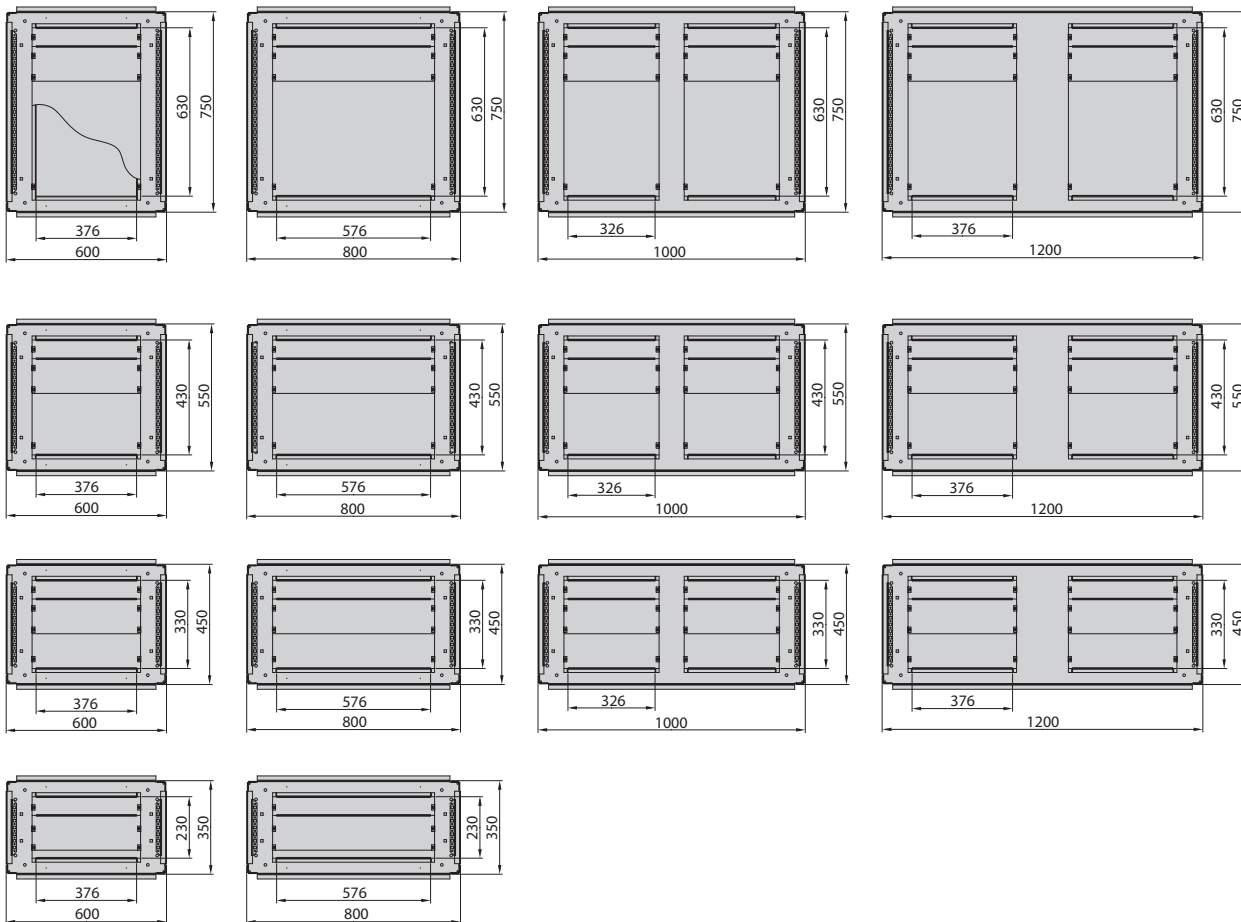


Note:
After mounting of external side panels the cabinet expands by 25 mm on each side. An additional distance of 3 mm (gasket gauge) should be considered between bayed cabinets.

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	376	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	376	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	376	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	326	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	326	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	326	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	579	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	579	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	579	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	376	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	376	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	376	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	376	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	376	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	376	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	326	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	326	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	326	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	579	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	579	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	579	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	579	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	376	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	376	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	376	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	376	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

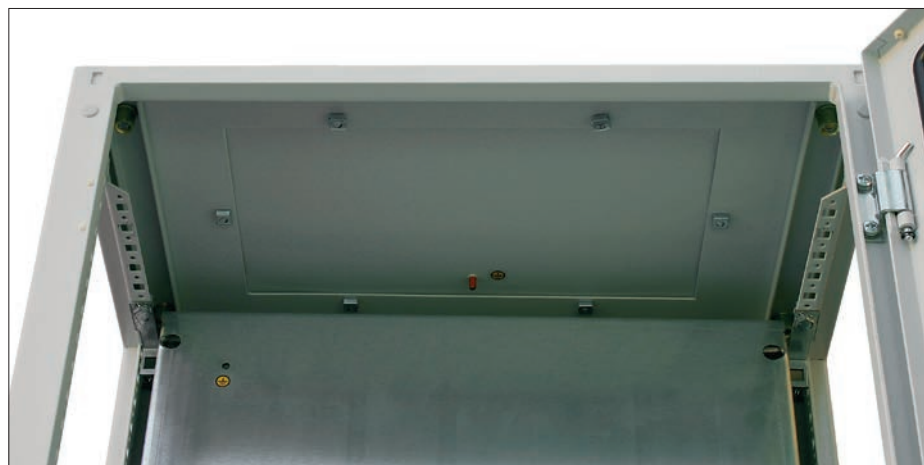
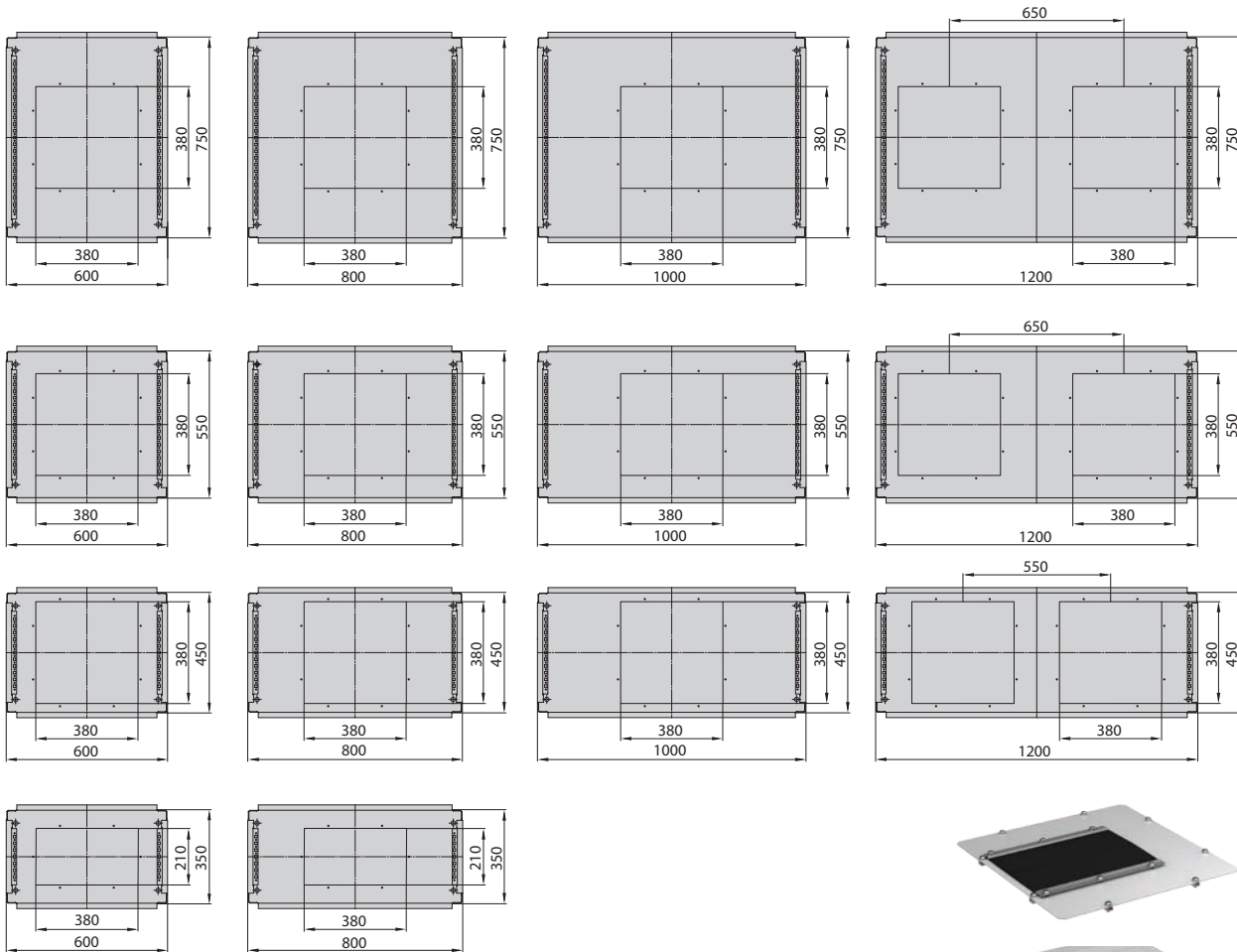


Note:
Standard openings in bottom plates are blinded with sliding gland plates. Optional types of gland plates - see page 166-167

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



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 167

**Blanking and cable entry plates
 for the cabinet's top plate
 – see page 167**

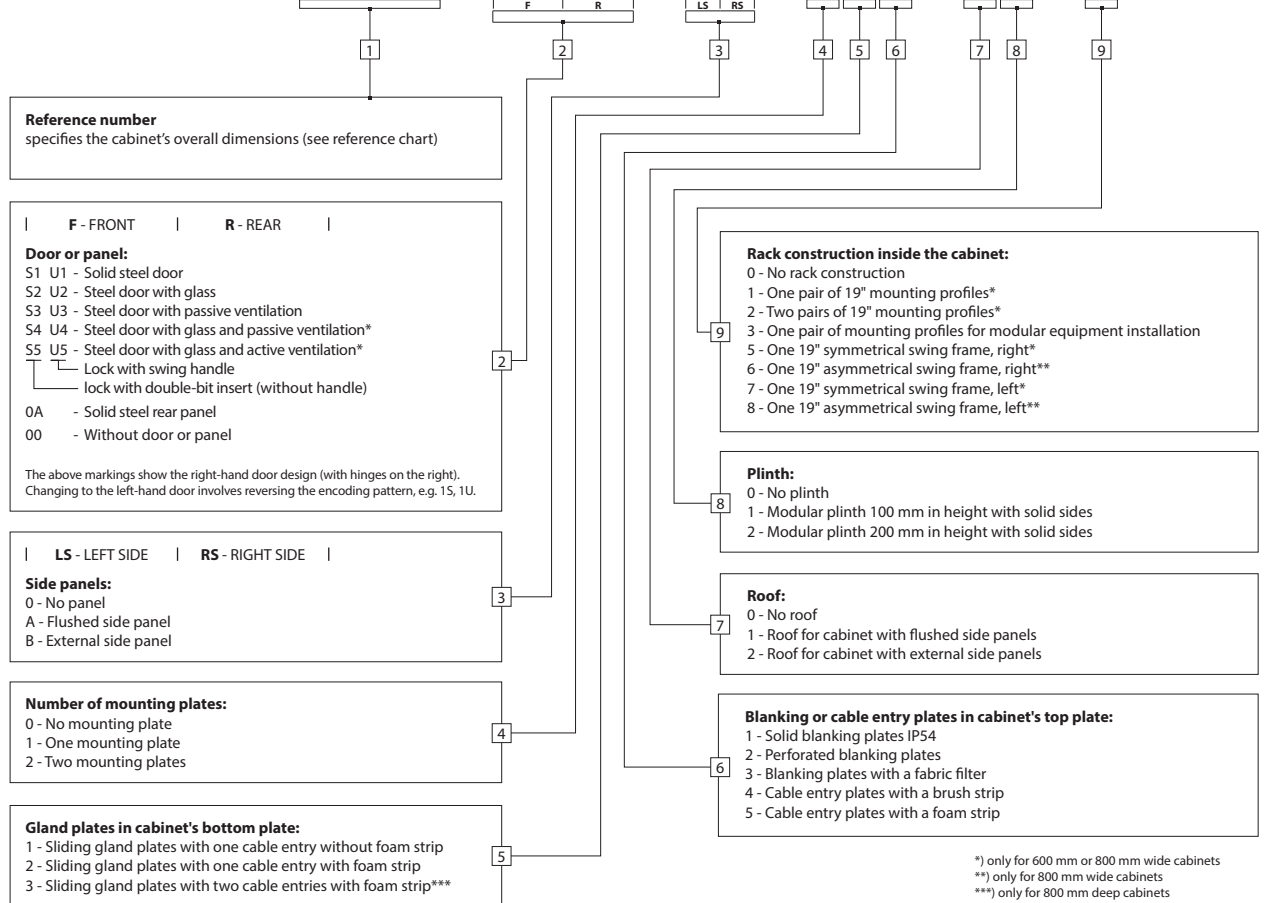
SZE2 SYSTEM CABINETS

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
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

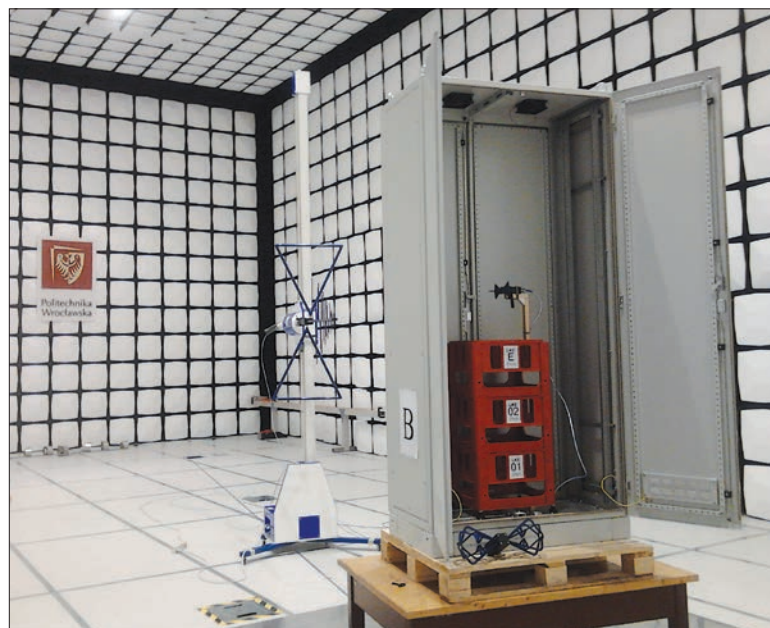
WZ-SZE2 - XXXX - XXXX - XX - XXX - XX - X - 011



SAMPLE CUSTOMISED CABINETS



SZE2 cabinet conforming to EMC requirements



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

SAMPLE CUSTOMISED CABINETS



Cabinets made of stainless steel



Cabinet for hydraulic measuring converters



SAMPLE CUSTOMISED CABINETS



Double-section
SZE2 cabinet



SZE2 cabinet with air conditioner and 19" mounting profiles,
height 24U (air conditioners - see page 171)



SZE2 cabinet with exhaust filters
(see page 170)

SAMPLE CUSTOMISED CABINETS



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



1600 mm wide SZE2 cabinet with two-parts mounting plate, swing frame and symmetrical double-leaf door

ACCESSORIES FOR SIZE2 CABINETS

info@fracksystems.se
+46 854063722



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
2200	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
	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
2000	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
	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

Package: 1 pc.



ACCESSORIES FOR SIZE2 CABINETS

DOORS

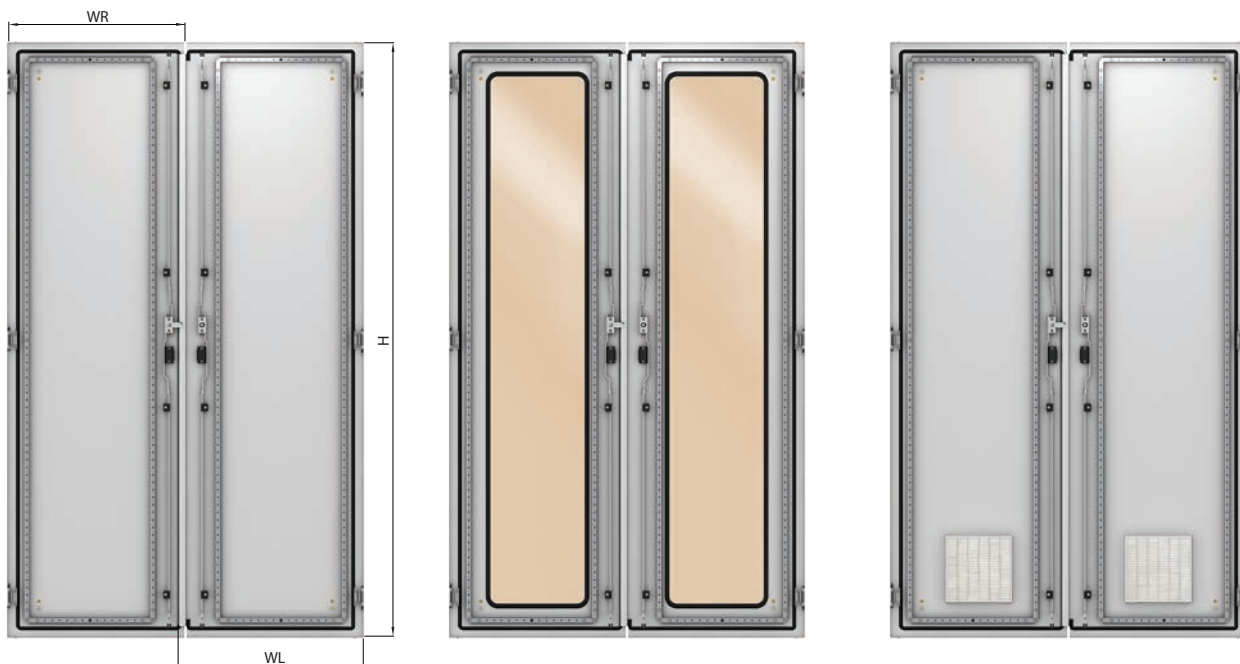
DOUBLE-LEAF DOOR



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
2200	1200	1990	593	619.5	WZ-4950-10-01-011	WZ-4950-08-01-011	WZ-4950-14-01-011	WZ-4950-12-01-011	WZ-4950-22-01-011	WZ-4950-20-01-011
	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
2000	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
	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

Package: 1 pc. (wing)

*) when facing the structure



Door stop

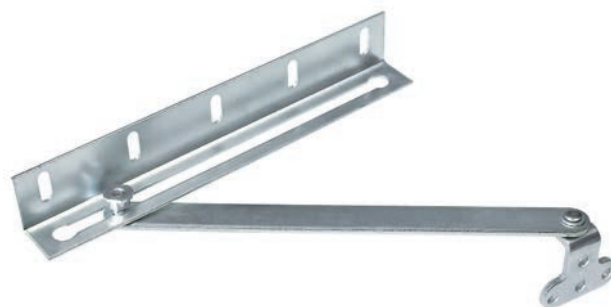
Protects hinges from damage.
Fixed into the door's frame and cabinet's frame.
In the case of self-assembly, it is necessary to punch two 6 mm holes in indicated positions.

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



Roof

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

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

Roof's height with fixing/spacer bolts: 41.5 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.)



Roof and fixing/spacer bolts

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

Package: 1 pc.

ACCESSORIES FOR SIZE2 CABINETS

ROOF AND SIDE PANELS

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.



1 - flushed side panel



2 - external side panel

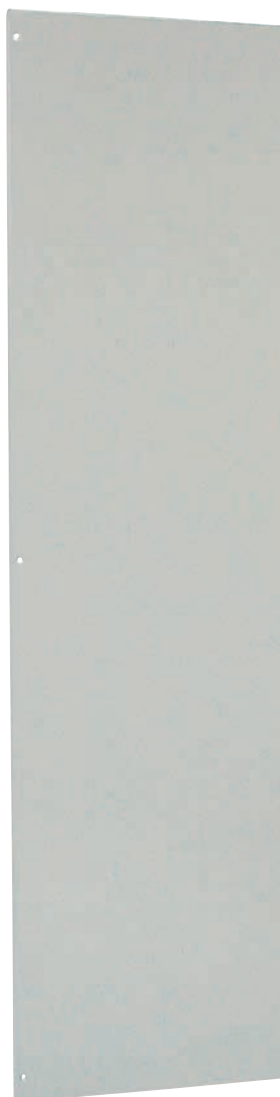


For cabinet		Catalogue number	
height [mm]	depth [mm]	Flushed side panels	External side panels
2200	800	WZ-4950-23-01-011	WZ-4950-24-05-011
	600	WZ-4950-23-02-011	WZ-4950-24-06-011
	500	WZ-4950-23-03-011	WZ-4950-24-07-011
2000	800	WZ-1951-09-01-011	WZ-1951-07-05-011
	600	WZ-1951-09-02-011	WZ-1951-07-06-011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

Package: 2 pc.

Note:

Possibility to equip side panels with snapped filter fans and exhaust filter - see page 170



ACCESSORIES FOR SZE2 CABINETS

ROOF AND SIDE PANELS



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

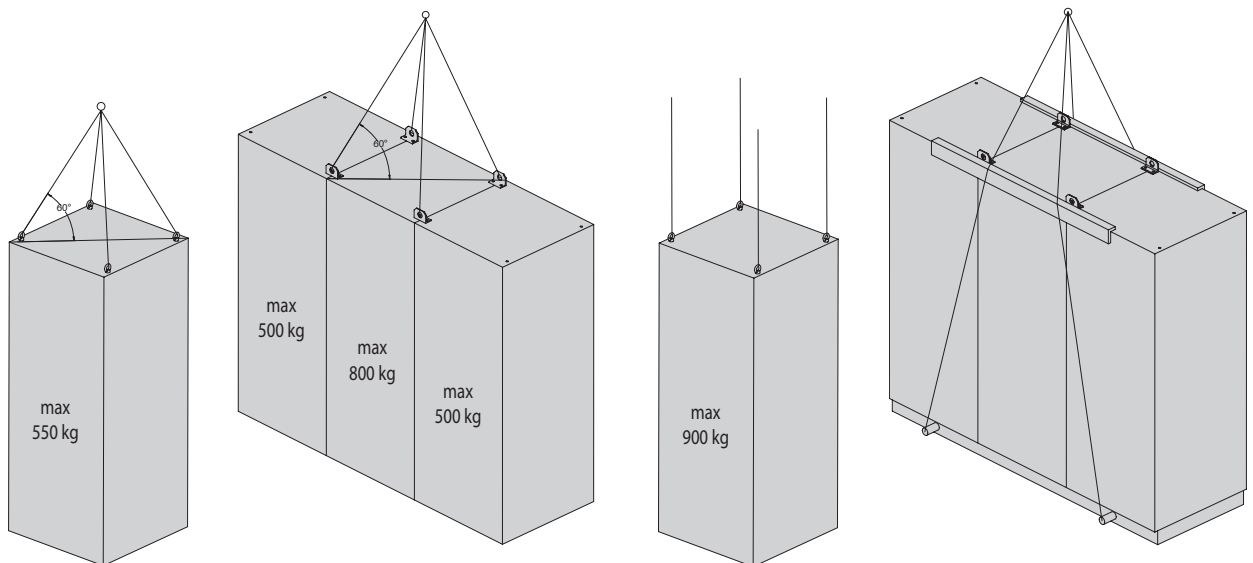
Lifting accessories are sold separately.

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 SZE2 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 SIZE2 CABINETS

CABINET'S BASE

Modular plinth

It consists of 4 corners and 4 or 8 removable side panels. Total weight of the cabinet is carried by plinth corners. It is possible to reach the area under the cabinet by unscrewing the side panels. Plinth can be mounted to the base by optionally using 4 rubber vibro-shock absorbers.

Ordering method

Plinth includes the following elements: plinth corners with appropriate plinth side panels depending on the cabinet's width and depth.

**Plinth side panels**

There are three types of plinth side panels available - see the pictures. Each type has the standard height of 99 mm. 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 without fixing accessories.

(Fixing accessories are supplied with plinth corners.)

**Solid side panel****Perforated side panel****Side panel with brush opening**

Side panel type	Use	Length of side panel [mm]	Length of plinth's side [mm]	Catalogue number
Solid side panel	plinth's front or rear	1000	1200	WZ-1982-03-09-011
		800	1000	WZ-1982-03-08-011
		600	800	WZ-1982-03-07-011
		400	600	WZ-1982-03-05-011
	plinth's sides	550	750	WZ-1982-03-06-011
		350	550	WZ-1982-03-04-011
		250	450	WZ-1982-03-03-011
Perforated side panel	plinth's front or rear	1000	1200	WZ-1982-05-09-011
		800	1000	WZ-1982-05-08-011
		600	800	WZ-1982-05-07-011
		400	600	WZ-1982-05-05-011
	plinth's sides	550	750	WZ-1982-05-06-011
		350	550	WZ-1982-05-04-011
		250	450	WZ-1982-05-03-011
Side panel with brush opening	plinth's front or rear	1000	1200	WZ-1982-04-09-011
		800	1000	WZ-1982-04-08-011
		600	800	WZ-1982-04-07-011
		400	600	WZ-1982-04-05-011
	plinth's sides	550	750	WZ-1982-04-06-011
		350	550	WZ-1982-04-04-011
		250	450	WZ-1982-04-03-011
		150	350	WZ-1982-04-01-011

Package: 1 pc.

ACCESSORIES FOR SZE2 CABINETS

CABINET'S BASE



Plinth corners

Available in two heights.

Material

Sheet steel powder painted in light grey (RAL 7035)

Scope of delivery

Set of 4 corners with fixing accessories.

Height [mm]	Package	Catalogue number
200	4 pc.	WZ-2174-05-02-011
100	4 pc.	WZ-1982-08-02-011



Vibro-shock absorber



Corner with vibro-shock absorber

Vibro-shock absorbers

The simple plinths can be optionally equipped with vibroshock absorbers. Plinth with vibro-shock absorbers should be fixed into the room's floor. Four vibro-shock absorbers are needed for one plinth.

Material

10 mm thick rubber

Scope of delivery

Set of 4 vibro-shock absorbers without fixing accessories.

Package	Catalogue number
4 pcs	WZ-M1Z-00-0048-000-4



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
1200	800	WZ-1951-71-01-011	WZ-1951-74-01-011
	600	WZ-1951-71-02-011	WZ-1951-74-02-011
	500	WZ-1951-71-03-011	WZ-1951-74-03-011
1000	600	WZ-1951-71-05-011	WZ-1951-74-05-011
	500	WZ-1951-71-06-011	WZ-1951-74-06-011
800	800	WZ-1951-71-07-011	WZ-1951-74-07-011
	600	WZ-1951-71-08-011	WZ-1951-74-08-011
	500	WZ-1951-71-09-011	WZ-1951-74-09-011
	400	WZ-1951-71-10-011	WZ-1951-74-10-011
600	800	WZ-1951-71-11-011	WZ-1951-74-11-011
	600	WZ-1951-71-12-011	WZ-1951-74-12-011
	500	WZ-1951-71-13-011	WZ-1951-74-13-011
	400	WZ-1951-71-14-011	WZ-1951-74-14-011

Package: 1 pc.

ACCESSORIES FOR SZE2 CABINETS

MOUNTING PLATE

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 135.

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]	
2200	1200	WZ-4950-28-01-000-BP
	1000	WZ-4950-28-04-000-BP
	800	WZ-4950-28-07-000-BP
	600	WZ-4950-28-10-000-BP
2000	1200	WZ-1951-67-01-000-BP
	1000	WZ-1951-67-04-000-BP
	800	WZ-1951-67-07-000-BP
	600	WZ-1951-67-10-000-BP

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

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

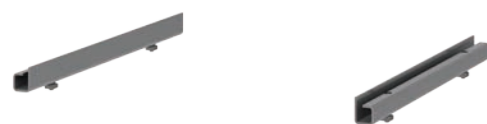
Al-Zn-coated steel sheet

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
800	WZ-1951-64-01-000
600	WZ-1951-64-02-000
500	WZ-1951-64-03-000
400	WZ-1951-64-04-000

Package: 1 set



Mounting plate guides



ACCESSORIES FOR SZE2 CABINETS

19" SWING FRAME



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.

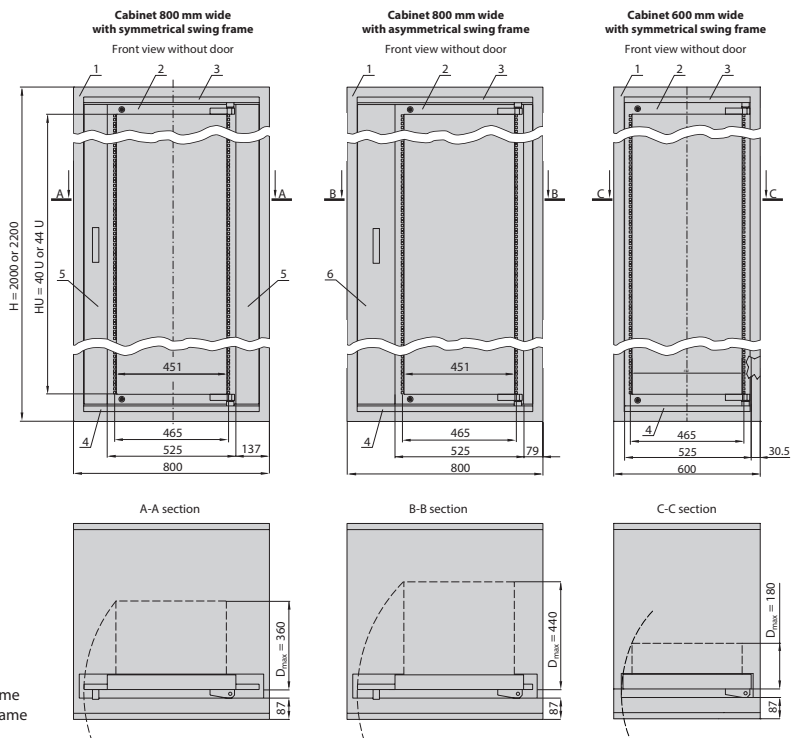
For cabinet		Usable height of the frame HU [U = 44.45 mm]	Swing frame type	Maximum depth for installations D _{max} [mm]	Catalogue number
Width [mm]	Height [mm]				
800	2200	44 U	symmetrical	360	WZ-4950-26-00-011
			asymmetrical	440	WZ-4950-27-00-011
	2000	40 U	symmetrical	360	WZ-1951-29-01-011
			asymmetrical	440	WZ-1951-20-01-011
600	2000	40 U	symmetrical	180	WZ-1951-29-05-011

Package: 1 pc.

Asymmetrical swing frame in the cabinet

Note:

On customers request we make cabinets with swing frames with the possibility of opening by 180°.



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 SIZE2 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 154-155, 152)	444.5 (10U)	482.6	150	401.5	440	WZ-5716-38-01-011
On mounting profiles II (page 173)	450	482.6	150	407	440	WZ-5716-38-02-011
	450	682.6	150	407	640	WZ-5716-38-03-011

Package: 1 pc

Voltage distribution panel

Universal 19" enclosure for modular devices.

Capacity of panel

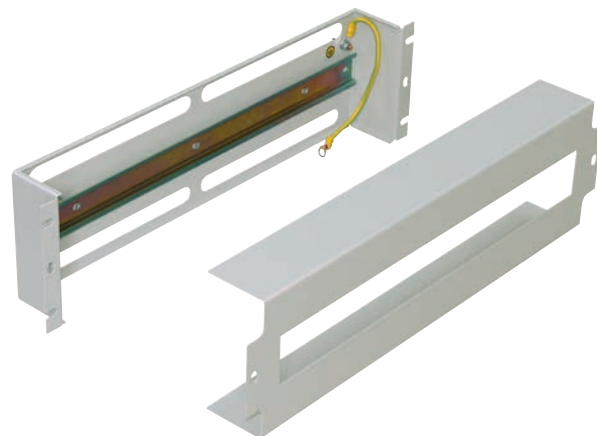
Maximum number of built-in S-type modules (width of module 17.5 mm): 22 pcs.

Material

Steel sheet powder painted in RAL 7035

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 - see page 102

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 154-155, 152)	133 (3U)	482.6	60	130	440	WZ-PS3U-00-00-011	WZ-PS3U-00-00-161

Package: 1 pc

ACCESSORIES FOR SZE2 CABINETS

19" MOUNTING PROFILES SYSTEM



19" rack construction methods

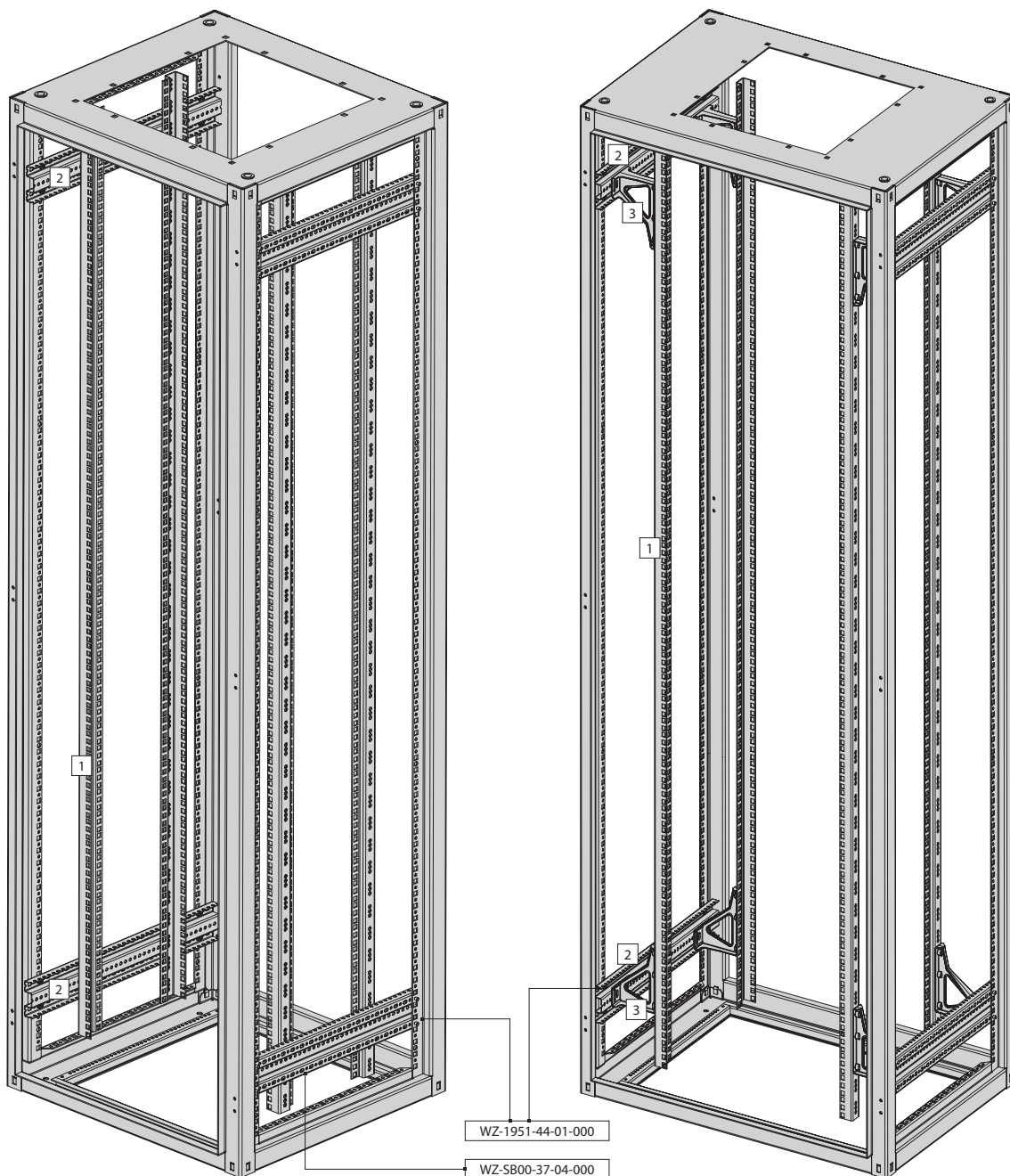
19" rack in a cabinet with a width of 600 mm

1. 19" mounting profile (page 155)
2. Mounting bar UNI (page 158)



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

1. 19" mounting profile (page 155)
2. Mounting bar UNI (page 158)
3. Outrigger (page 155)



Used fixing accessories: WZ-1951-44-01-000 - M6x16 self-forming screws (see page 159)
 WZ-SB00-37-04-000 - fixing accessories for mounting profiles (see page 173)

ACCESSORIES FOR SIZE2 CABINETS

19" MOUNTING PROFILES SYSTEM

19" mounting profile

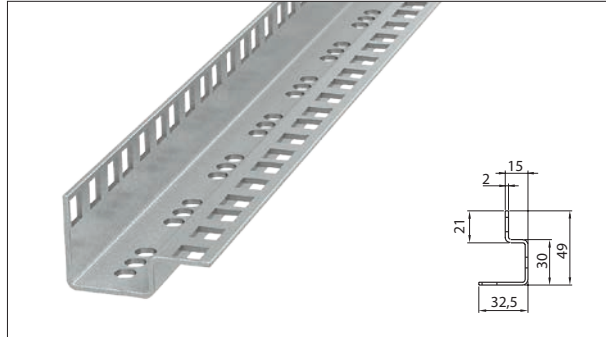
Used for installing 19" equipment in cabinets 600 or 800 mm wide. They are fixed to the cabinet's frame by using mounting bars UNI; in order to achieve the 19" spacing in cabinets 800 mm wide it is necessary to use outriggers, while in cabinets 1000 and 1200 mm wide an individual rack made of mounting 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]	
1868	42 U	WZ-1718-97-02-000
1779	40 U	WZ-1718-97-03-000
1734	39 U	WZ-1718-97-13-000
1690	38 U	WZ-1718-97-04-000
1601	36 U	WZ-1718-97-05-000

Package: 1 pc.

Length of mounting profile		Catalogue number
[mm]	[U = 44.45 mm]	
1468	33 U	WZ-1718-97-14-000
1423	32 U	WZ-1718-97-06-000
1334	30 U	WZ-1718-97-15-000
1245	28 U	WZ-1718-97-07-000
1201	27U	WZ-1718-97-16-000
1067	24 U	WZ-1718-97-08-000

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

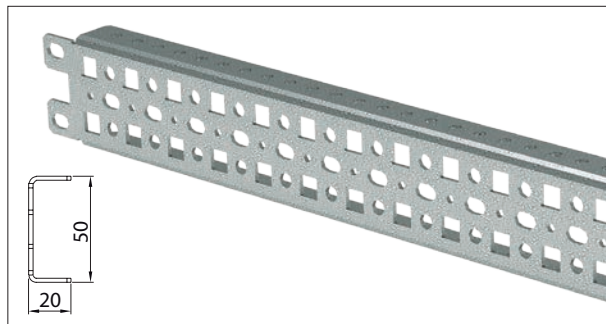
For installing devices on 19" mounting profiles or 19" swing frame.

Material

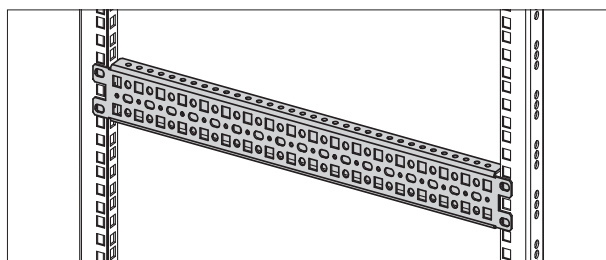
Al-Zn coated sheet steel

Scope of delivery

19" transverse bar without fixing accessories (fixing accessories: cat. no WZ-1951-44-02-000, see page 159).



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



ACCESSORIES FOR SIZE2 CABINETS

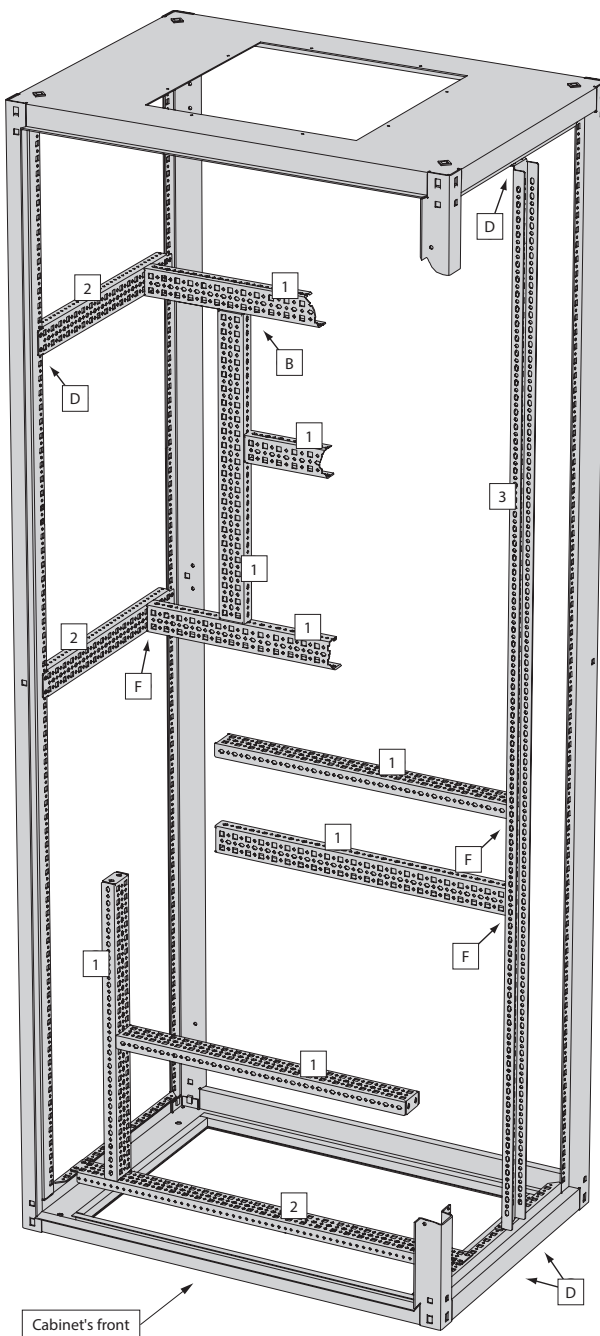
MOUNTING BARS SYSTEM



Rack construction methods - mounting bars system

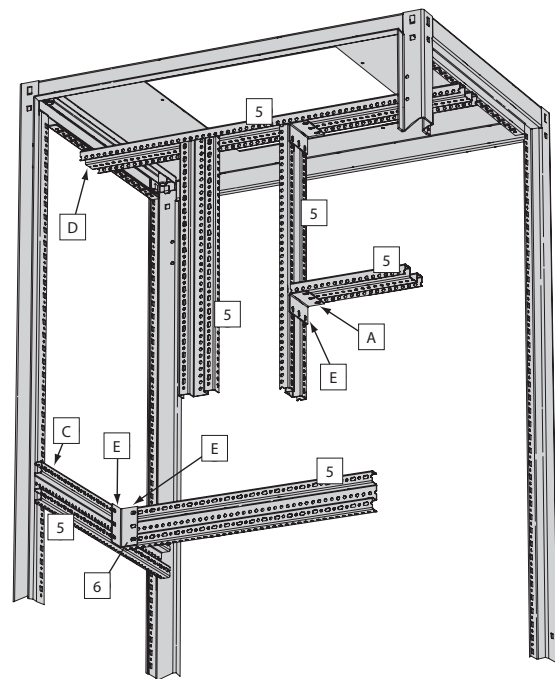
CLASSIC system

1. Mounting bar CLASSIC (page 157)
2. Cross bar CLASSIC (page 157)
3. Vertical bar CLASSIC (page 158)



UNI system

5. Mounting bar UNI (page 158)
6. Angle-element for joining mounting bars UNI (page 159)



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 or screw with cage nut and washer	1 2	WZ-1951-44-01-000 WZ-1951-44-02-000
D self-forming screw or screw with cage nut and washer	2 2	WZ-1951-44-01-000 WZ-1951-44-02-000
E self-forming screw or screw with nut and washers	2 2	WZ-1951-44-01-000 WZ-1951-44-03-000
F screw with cage nut and washer or screw with nut and washers	2 2	WZ-1951-44-02-000 WZ-1951-44-03-000

*) Fixing accessories are sold in sets 20 pcs/1 set.
A detailed description is available on page 159.

ACCESSORIES FOR SZE2 CABINETS

MOUNTING BARS SYSTEM

Mounting bar CLASSIC

Fixed to cross bars or vertical bar.

Material

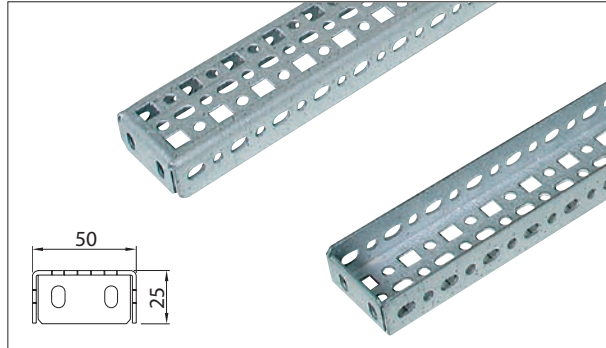
Al-Zn coated sheet steel

Scope of delivery

Mounting bar without fixing accessories (fixing accessories are listed on page 159).

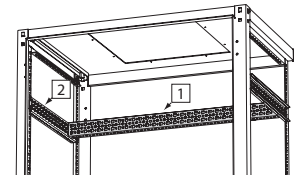
Mounting bar length [mm]	Catalogue number	Mounting bar length [mm]	Catalogue number
1200	WZ-0573-12-01-000	650	WZ-0573-12-13-000
1150	WZ-0573-12-02-000	600	WZ-0573-12-14-000
1100	WZ-0573-12-03-000	550	WZ-0573-12-15-000
1050	WZ-0573-12-04-000	525	WZ-0573-12-16-000
1000	WZ-0573-12-05-000	500	WZ-0573-12-17-000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

Package: 1 pc.



MATCHING MOUNTING BAR CLASSIC TO CABINET'S WIDTH

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



1. Mounting bar CLASSIC
2. Cross bar CLASSIC

Cross bar CLASSIC

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

Material

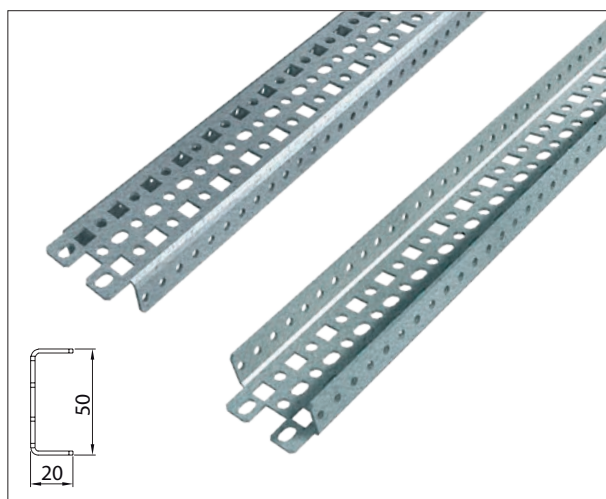
Al-Zn coated sheet steel

Scope of delivery

Cross bar without fixing accessories (fixing accessories are listed on page 159).

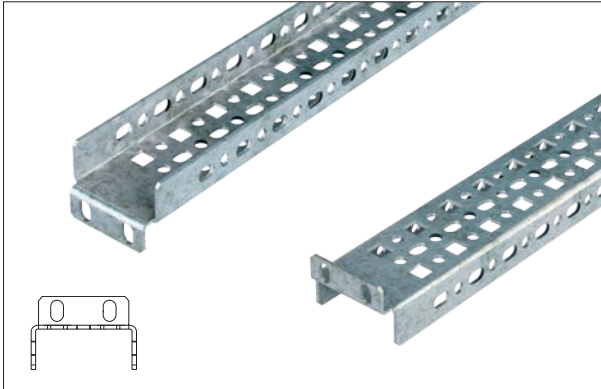
For cabinet		Cross bar length [mm]	Catalogue number
width [mm]	depth [mm]		
-	800	640	WZ-1951-46-01-000
-	600	440	WZ-1951-46-02-000
-	500	340	WZ-1951-46-03-000
-	400	240	WZ-1951-46-04-000
1200	-	1152.5	WZ-1951-46-05-000
1000	-	952.5	WZ-1951-46-06-000
800	-	752.5	WZ-1951-46-07-000
600	-	552.5	WZ-1951-46-08-000

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 159).

For cabinet height [mm]	Vertical bar length [mm]	Catalogue number
2200	2075	WZ-4950-32-00-000
2000	1875	WZ-1951-48-01-000

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.

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

Package: 1 pc.

Methods of fastening bars in the cabinet (look at page 156):

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

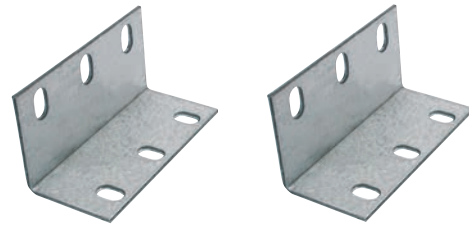
Angle element for joining mounting bars UNI**Material**

Al-Zn coated sheet steel

Scope of delivery

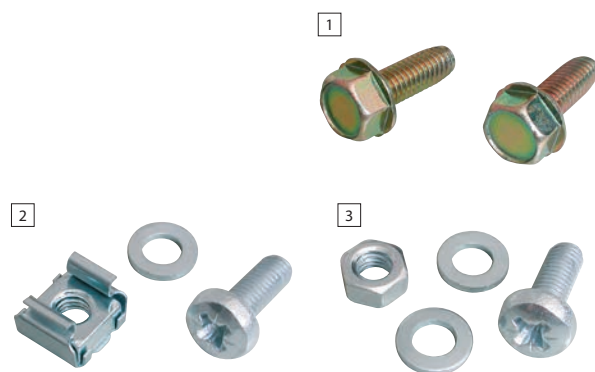
1 angle element without fixing accessories.

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

**Fixing accessories for CLASSIC and UNI bars**

Application in accordance with instructions on page 156.
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

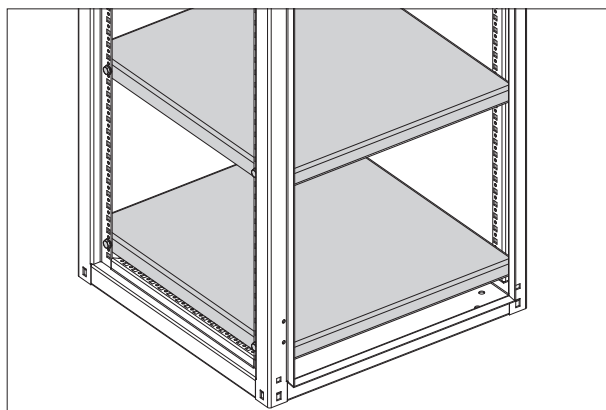
Steel sheet powder painted in light grey (RAL 7035)

Scope of delivery

Shelf without fixing accessories.

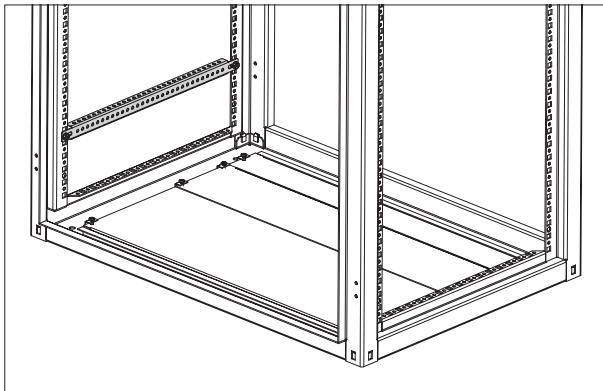
For cabinet		Shelf dimensions [mm]	Perforation in the surface of the shelf	Catalogue number
Width [mm]	Depth [mm]			
600	600	552 x 540	NO	WZ-5899-09-00-011
800	600	752 x 530	YES	WZ-5899-11-00-011
600	800	552 x 730	YES	WZ-6138-61-00-011
800	800	752 x 730	YES	WZ-6412-62-00-011

Package: 1 pc.



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 159

Material

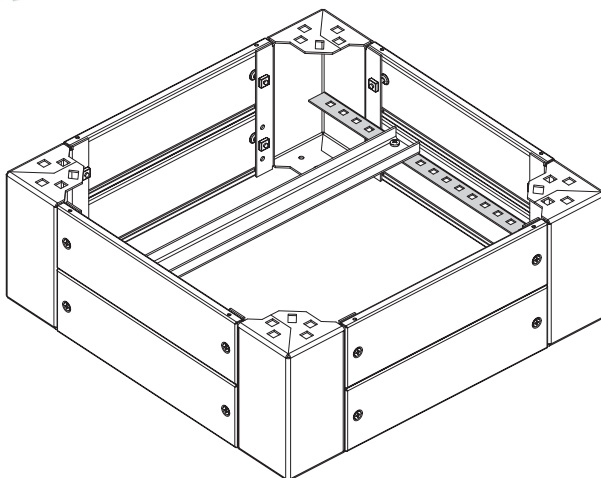
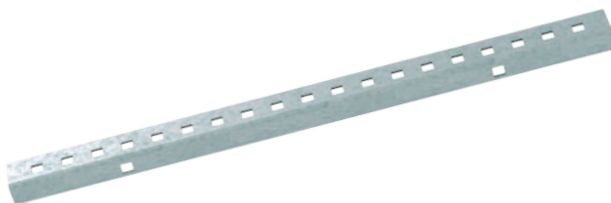
Al-Zn coated sheet steel

Scope of delivery

Transverse cable bar without fixing accessories (fixing accessories are listed on page 159).

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

Package: 1 pc.

**Support for cable bar**

For mounting the cable bar on the 200 mm plinth. Fixed on the interior side of the plinth.

Material

Al-Zn coated sheet steel

Scope of delivery

Support for cable bar without fixing accessories (fixing accessories are listed on page 159).

For cabinet depth [mm]	Length of support for cable bar [mm]	Catalogue number
800	700	WZ-1951-66-01-000
600	500	WZ-1951-66-02-000
500	400	WZ-1951-66-03-000
400	300	WZ-1951-66-04-000

Package: 1 pc.

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's frame or 200 mm plinth.

Material

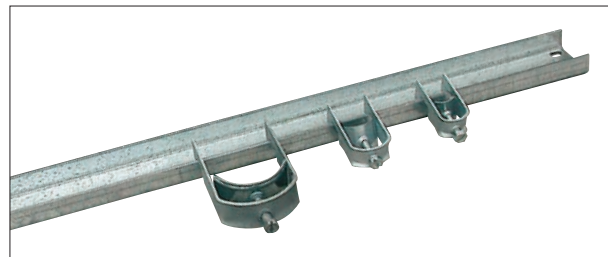
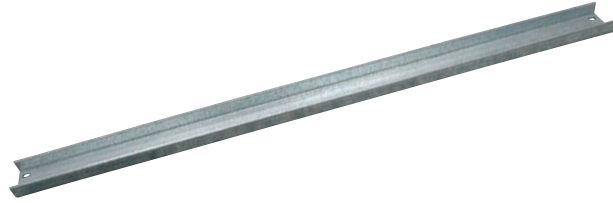
Cable bar - Al-Zn coated sheet steel

Cable clamps - zinc coated sheet steel

Scope of delivery

Cable bar sold without fixing accessories (fixing accessories are listed on page 159).

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

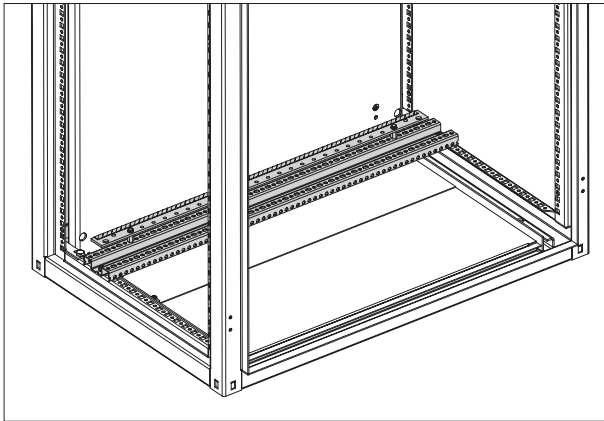
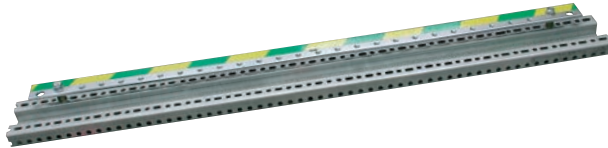
Cable bar

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

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

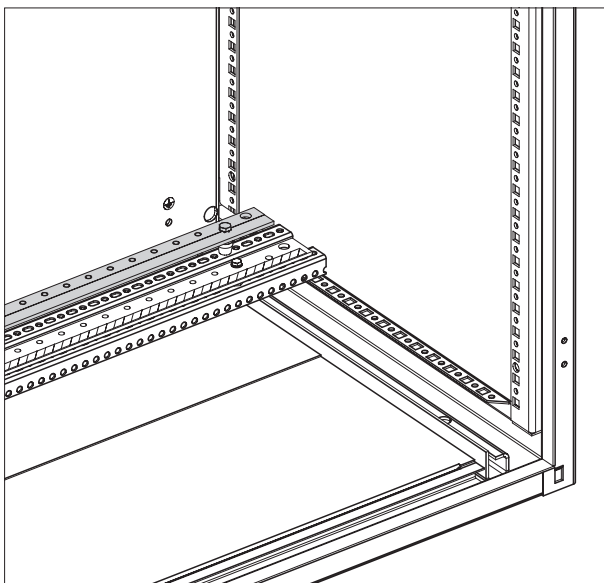
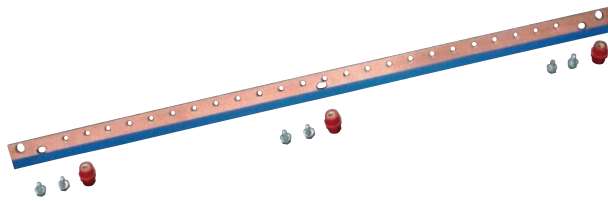
Mounting bar UNI: Al-Zn coated sheet steel

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
1200	1162.5	1113.5	WZ-1951-24-01-000
1000	962.5	913.5	WZ-1951-24-02-000
800	762.5	713.5	WZ-1951-24-03-000
600	562.5	513.5	WZ-1951-24-04-000

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*
1200	1113.5	WZ-1951-25-01-000	WZ-1951-25-01-000-BT
1000	913.5	WZ-1951-25-02-000	WZ-1951-25-02-000-BT
800	713.5	WZ-1951-25-03-000	WZ-1951-25-03-000-BT
600	513.5	WZ-1951-25-04-000	WZ-1951-25-04-000-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

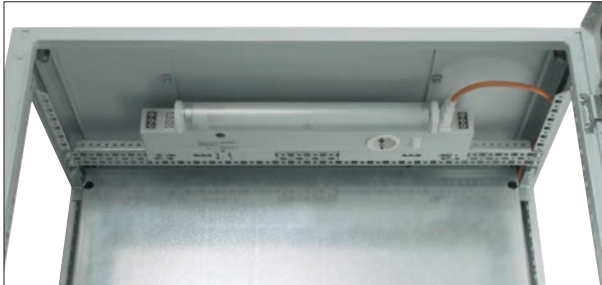
Earthing bar with brackets and fixing elements.

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.

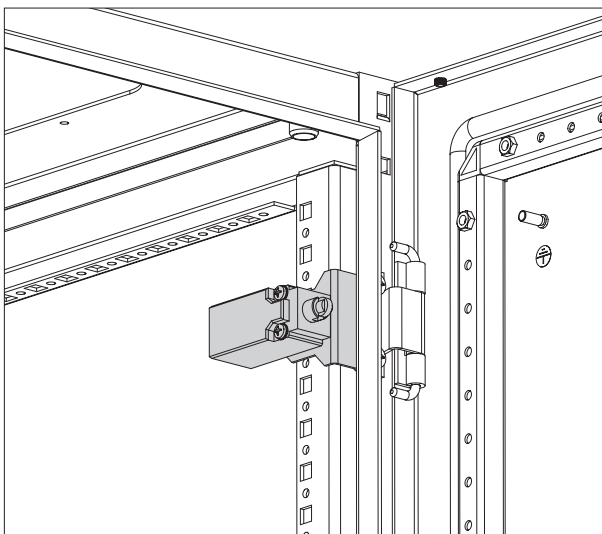
Material

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, a mounting bar with adjusted length to the cabinet's width, fixing accessories.

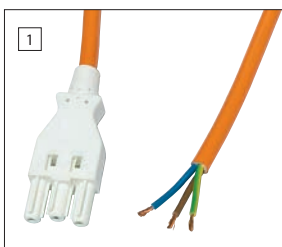
Connecting cable, power supply cable and door switch set are to be ordered separately.



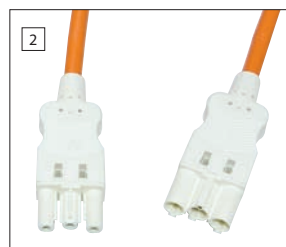
Door switch mounted in the cabinet

Product name	For cabinet width [mm]	Catalogue number
System lighting set	1200	WZ-1951-80-01-011
	1000	WZ-1951-80-02-011
	800	WZ-1951-80-03-011
	600	WZ-1951-80-04-011
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

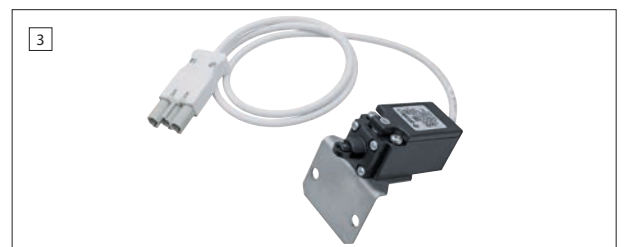
Package: 1 set



Power supply cable



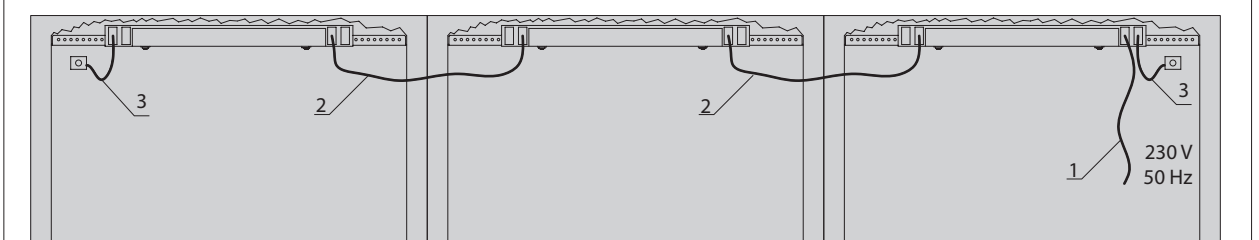
Connecting cable



Door switch set

CONNECTION DIAGRAM

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



ACCESSORIES FOR SIZE2 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	1200	WN-0208-05-05-011-01
	1000	WN-0208-05-04-011-01
	800	WN-0208-05-03-011-01
	600	WN-0208-05-02-011-01
Power supply cable 1.6 + 1.0 m with a door switch		WN-0208-04-06-000

Package: 1 set

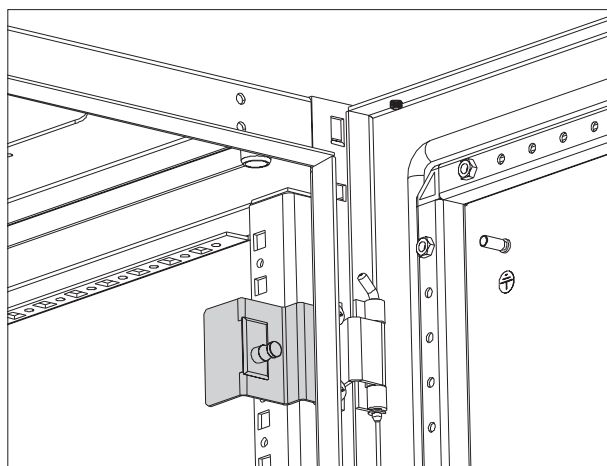
Door switch set

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

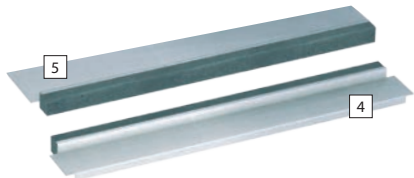
Door switch, mounting bracket, 2 screws

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

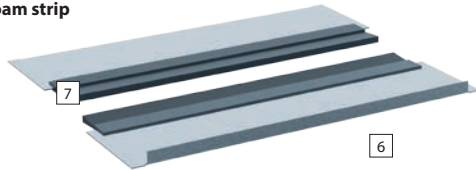


ACCESSORIES FOR SZE2 CABINETS

CABLE GLAND PLATES AND BLANKING PLATES



Spare kit of sliding gland plates with foam strip



Spare kit of sliding gland plates with brush strip

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 136.

Material

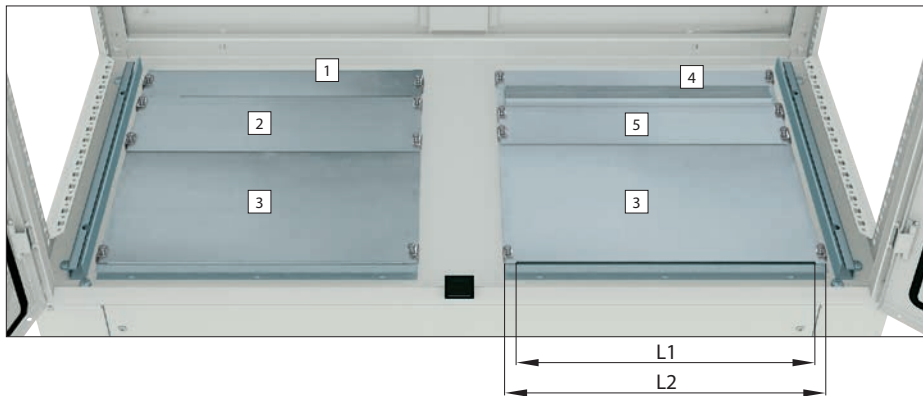
Al-Zn coated sheet steel, polyurethane foam, plastic brush.

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	576	616	WZ-1951-81-01-000	WZ-8186-50-01-000
1200 or 600	376	416	WZ-1951-81-02-000	WZ-8186-50-02-000
1000	326	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 SZE2 cabinet

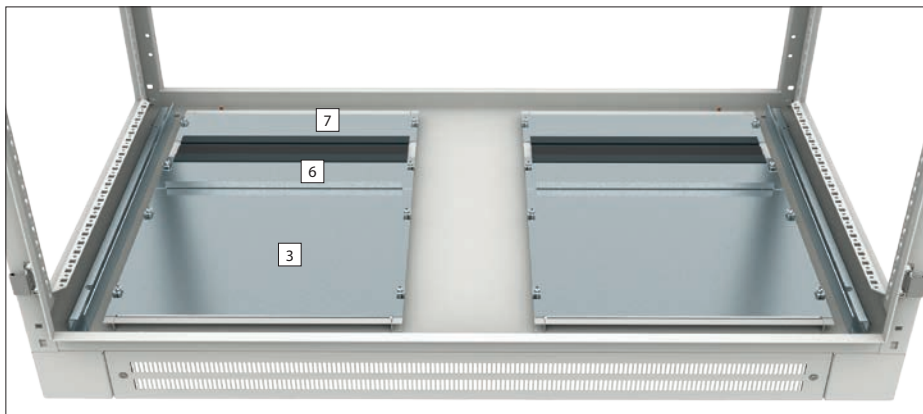
Supply of all cabinets includes:

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 SZE2 CABINETS

CABLE GLAND PLATES AND BLANKING PLATES

Blanking and cable entry plates for cabinet's top plate

Available in 5 types.

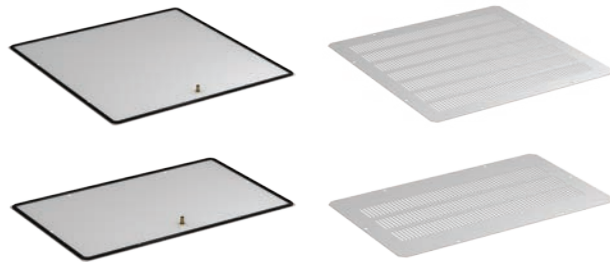
For dimensions and spacing of openings in the top plate of the SZE2 cabinet, see page 137.

Material

Sheet steel powder painted in RAL 7035.

Scope of delivery

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



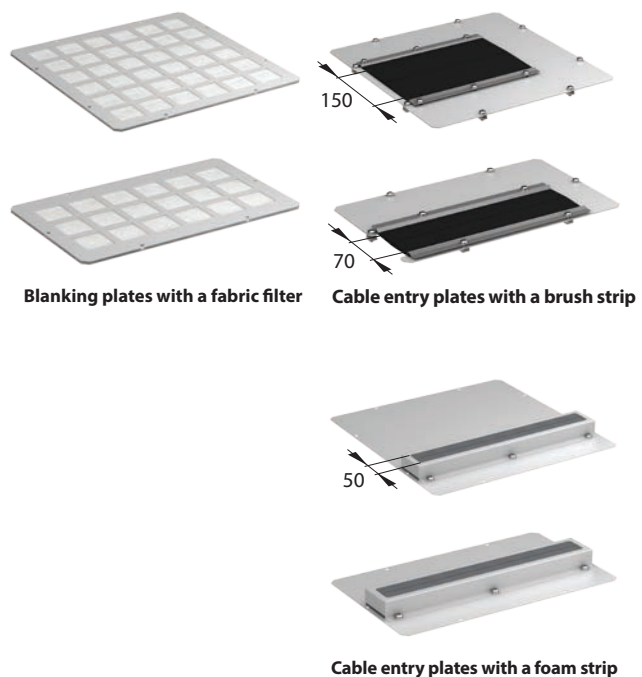
Solid blanking plates with a sealing gasket

Perforated blanking plates



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	IP 54	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

Package: 1 set



Blanking plates with a fabric filter

Cable entry plates with a brush strip

Cable entry plates with a foam 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).

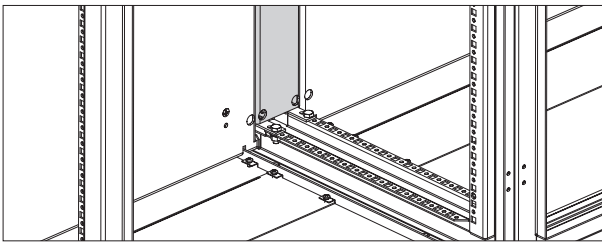
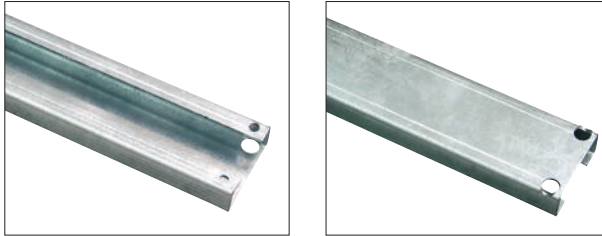


For cabinet width [mm]	Width of the opening for the sliding gland plate L1 [mm]	Width of the sliding gland plate L2 [mm]	Catalogue number
800	576	616	WZ-5716-13-05-000
1200 or 600	376	416	WZ-5716-13-07-000
1000	326	386	WZ-5716-13-03-000

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
2200	2067 x 86 x 30	WZ-4950-30-00-000
2000	1867 x 86 x 30	WZ-1951-47-01-000

Package: 1 pc.

**Partition**

For the cabinets bayed in rows. It is assembled in the same way as flushed side panels (see page 147).

Material

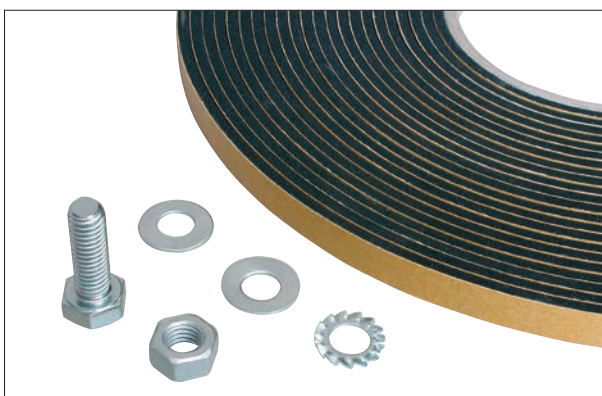
Al-Zn coated sheet steel

Scope of delivery

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

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

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

Package: 1 set

ACCESSORIES FOR SZE2 CABINETS

VENTILATING, COOLING AND HEATING

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

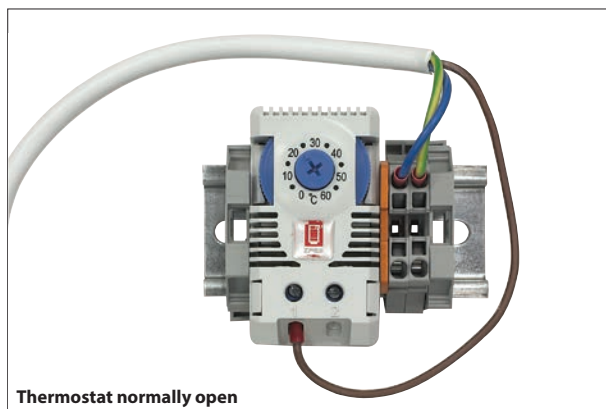
Thermostatic regulator indicated for controlling fans, heaters, heat exchanger or for attaching signal generator at exceeding preset temperature limits.

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.

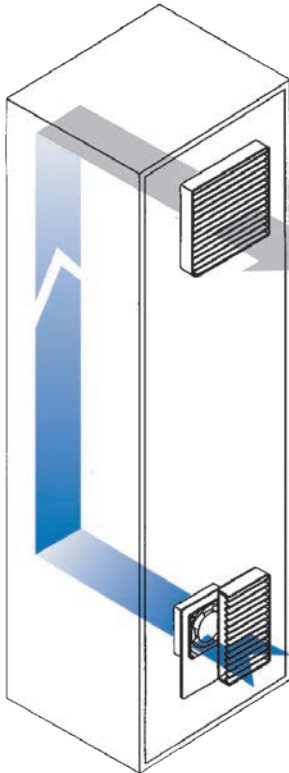


Thermostat normally open

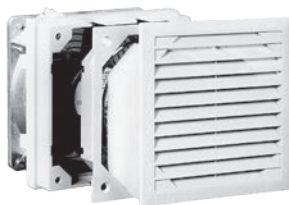
Type of thermostat	Colour of handwheel	Package	Catalogue number
Normally closed Switches off devices (e.g. heaters) at selected temperature limit.	●	1 pc.	WN-0201-01-00-000/A
Normally open Switches on ventilation system (e.g. fans) at selected temperature limit.	●	1 pc.	WN-0201-02-00-000/A

ACCESSORIES FOR SZE2 CABINETS

VENTILATING, COOLING AND HEATING



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

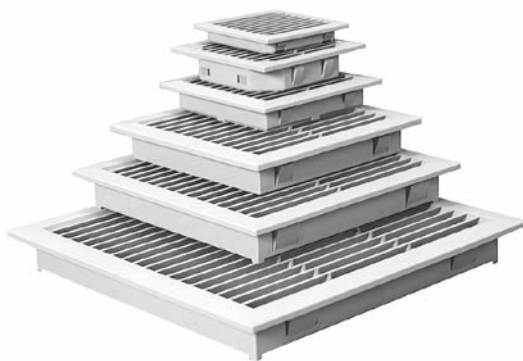
IP 54 in accordance with EN 60529

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

FILTER FANS

Type	Air flow through filter fan [m ³ /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

VENTILATING, COOLING AND HEATING

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

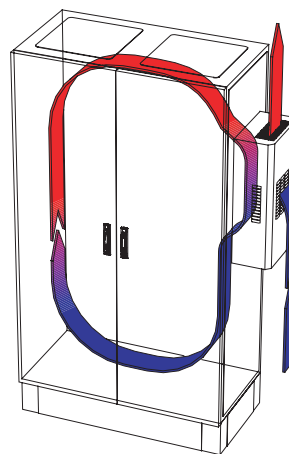
- mounted on cabinet roof
- 330-5200 W cooling power
- most models equipped with triple condensate protection system

Modular

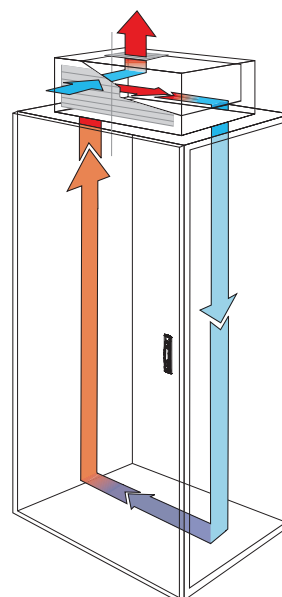
MODULE

- 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 173)
2. Mounting bar UNI (see pages 173, 158)
3. Fixing accessories set (see page 173)
4. DIN rail (see page 174)
5. Assembly angles (see page 174)
6. Module panels 150 (see page 174)
7. Module blanking plates 150, 100, 50 (see page 175)
8. Horizontal and vertical module panels (see page 175)

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.

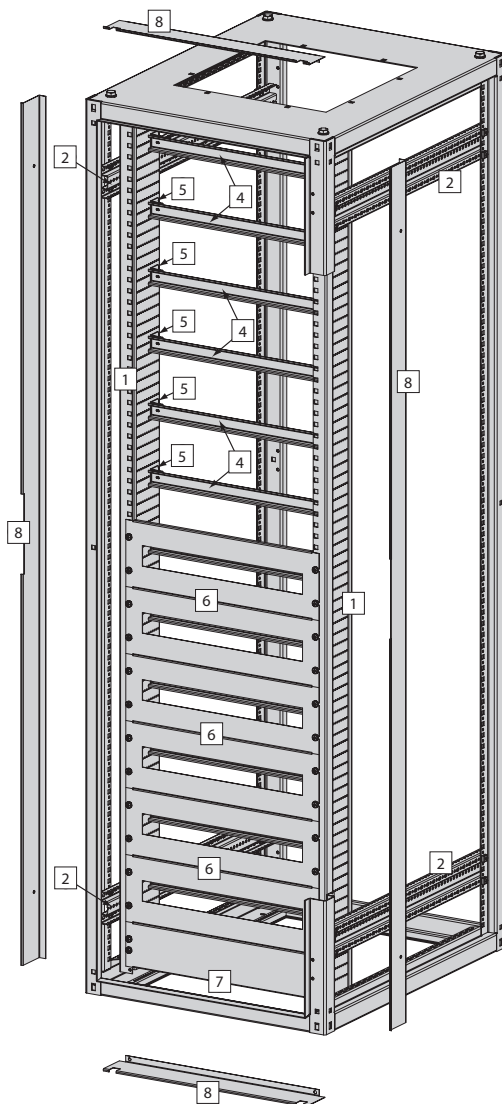
Each switchgear based on SZE2 cabinets is subdivided into bay height modules (BHM). Each module is 150 mm high.

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

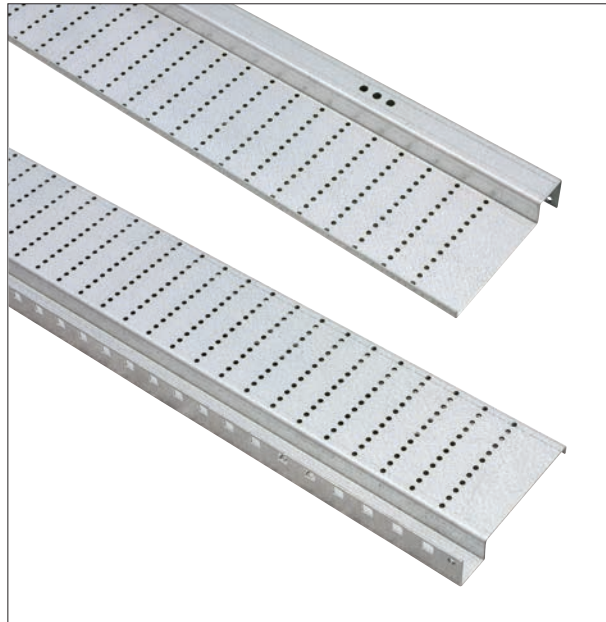
Scope of delivery

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

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

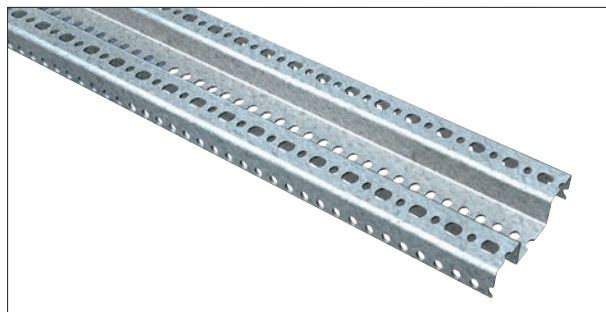
Package: 2 pc.

* 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 158.

**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-5B00-37-04-000



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

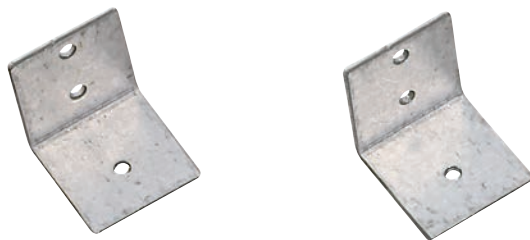
Galvanized steel sheet

Scope of delivery

DIN rail without fixing accessories.

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

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
1200	48	WZ-4881-68-04-011
1000	48	WZ-4881-68-03-011
800	36	WZ-4881-68-02-011
600	24	WZ-4881-68-01-011

Package: 1 pc.

ACCESSORIES FOR SIZE2 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
1200	WZ-4881-68-08-011	WZ-4881-71-04-011	WZ-4881-72-04-011
1000	WZ-4881-68-07-011	WZ-4881-71-03-011	WZ-4881-72-03-011
800	WZ-4881-68-06-011	WZ-4881-71-02-011	WZ-4881-72-02-011
600	WZ-4881-68-05-011	WZ-4881-71-01-011	WZ-4881-72-01-011

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	2200 mm	WZ-4881-69-04-011
	2000 mm	WZ-4881-69-02-011
Horizontal module blanking plate for the cabinets width	1200 mm	WZ-4881-70-04-011
	1000 mm	WZ-4881-70-03-011
	800 mm	WZ-4881-70-02-011
	600 mm	WZ-4881-70-01-011

Package: 1 pc.