

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. 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.



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.