



Optical Outdoor Cabinet

SZS-SZ series with tippable insert

Optical outdoor cabinet dedicated for building an FTTH network as a distribution point. It ensures the termination of optical fibers with loose tube and tight buffered cable construction. Provide patching of connections between optical fiber tracks without interference.



visualization of the optical outdoor cabinet SZS-SZ series



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features:

- possibility of connection up to 144 subscriber lines,
- commutation field adapted for installation of connector standards: SC duplex, LC quad,
- removable insert of the optical outdoor cabinet allows carrying out the work away from a place e.g. in the installer's car,
- insert with dedicated space for fiber splice cassettes and PLC splitters in BlackBox housing,
- the possibility of installing mini metalbox splitters on fiber splice cassettes,
- well organized spare area guarantees safe bending radius, thanks to integrated handles and perforations for cable ties,
- hermetic closure three-point locking system, designed for the installation of a type 1333 patent lock integrated into a hinged handle, providing at least 500 cycles of opening and closing without damage,
- maximum opening angle of the front door up to 120°,
- cables mounting holder located in the bottom chamber of the cabinet,
- assembly position enables work in an open areas,
- Magnelis® sheet is the only metallic coating certified for use in a C5 environment, which provides durability and protection against corrosion.

elements of equipment:

- cabinet insert,
- cable ties,
- velcro tapes,
- heatshrink splice protectors,
- cables mounting holder,
- brush grommet (acc. to configuration),
- fiber splice cassettes (acc. to configuration).

standards and certificates:

- flammability class V0 acc. UL 94,
- PN-EN 60529 - ingress protection degree IP 54,
- PN-EN 62262 - impact protection degree IK 10,
- REACH Regulation No 1907/2006/EC,
- RoHS 2011/65/UE.

The manufacturer reserves the right to make modifications and improvements to the product. Therefore, the products shown in the illustrations and photographs may differ slightly from the actual state.



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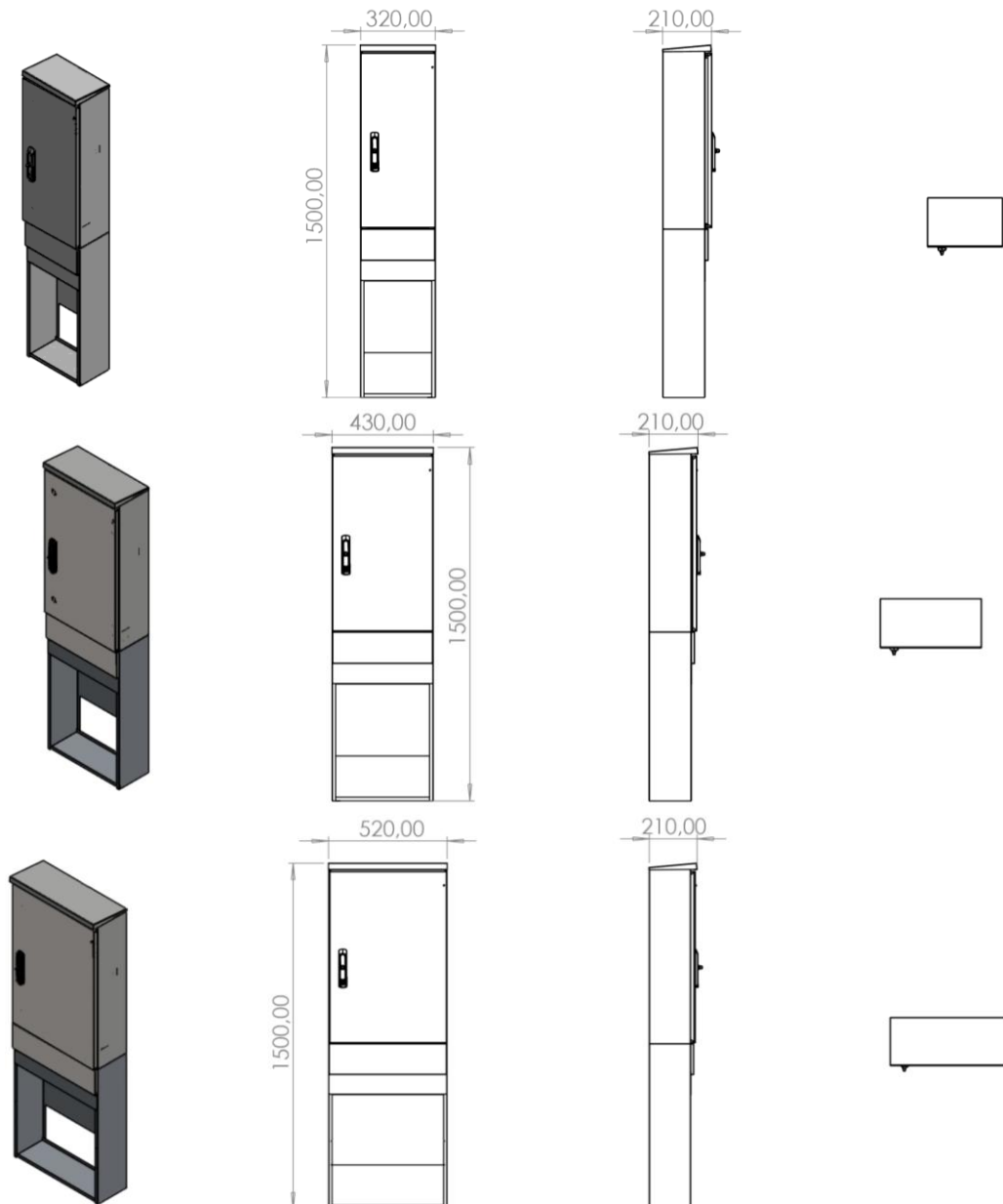
technical specifications:

SZS-SZ	48	96	144
dimensions [width x height x depth][mm]	320 x 1500 x 210	430 x 1500 x 210	520 x 1500 x 210
number of linear SC simplex type commutation field	6	12	12
number of subscriber SC duplex type commutation field	48	96	144
connector standards	SC simplex, E2000 simplex, LC duplex		
type of fiber splice cassette	KS-03-24		
splice cassette capacity [F]	24		
max. number of fiber splice cassettes	4	6	8
max. splice capacity [F]	96	144	192
max. number of PLC splitters in BlackBox housing (18x80x120)	4	6	8
recommended length of pigtails [m]	2 – 2.5		
type of cable entry	brush grommet		
dimensions of cable entry [mm]	60 x 250	60 x 350	60 x 440
number of cable entries	1		
mounting type	outdoor, free-standing		
temperature resistance [°C]	from -40 to +70		
ingress protection degree IP	IP 54		
impact protection degree IK	IK 10		
flammability class	V0 acc. UL 94		
recommended burial depth [cm]	60		
weight [kg]	~15.0	~18.0	~21.0
material	powder painted Magnelis® sheet		
available colors	RAL7035		



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technical drawings:



order information:

CODE	DESCRIPTION
SZS-SZ-320/1500/210-48-SCS-0K3-S-R7035	Optical outdoor cabinet with tippable insert and cable spare section, SZS-SZ-320/1500/210-48-SCS, IP54, IK10, 48 ports SC simplex, without splice cassettes, 320x1500x210mm (WxHxD), Magnelis®, structural, RAL7035
SZS-SZ-430/1500/210-96-SCS-0K3-S-R7035	Optical outdoor cabinet with tippable insert and cable spare section, SZS-SZ-430/1500/210-96-SCS, IP54, IK10, 96 ports SC simplex, without splice cassettes, 430x1500x210mm (WxHxD), Magnelis®, structural, RAL7035
SZS-SZ-520/1500/210-144-SCS-0K3-S-R7035	Optical outdoor cabinet with tippable insert and cable spare section, SZS-SZ-520/1500/210-144-SCS, IP54, IK10, 144 ports SC simplex, without splice cassettes, 520x1500x210mm (WxHxD), Magnelis®, structural, RAL7035