



Optical Outdoor Cabinet SZS-BSZ 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-BSZ 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, 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,
- velcro tapes,
- 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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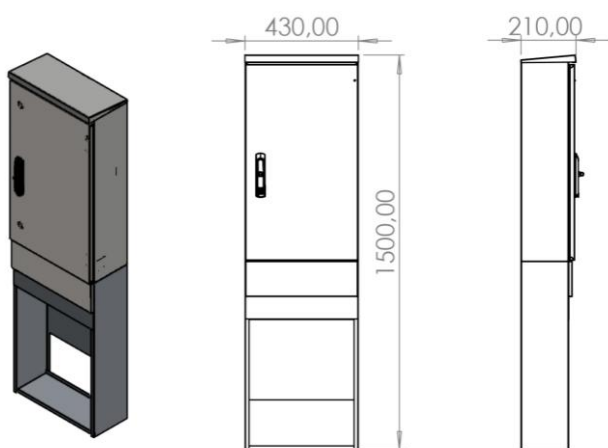
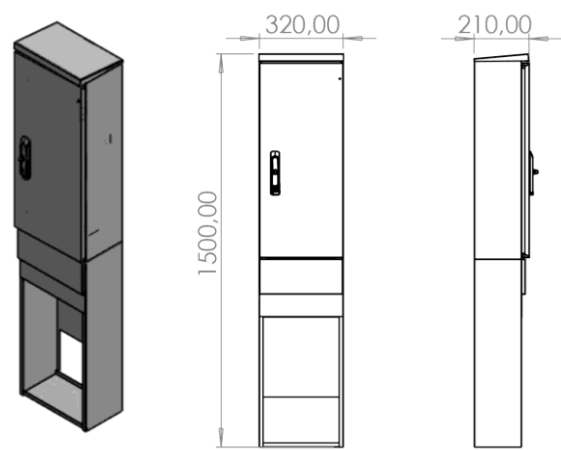
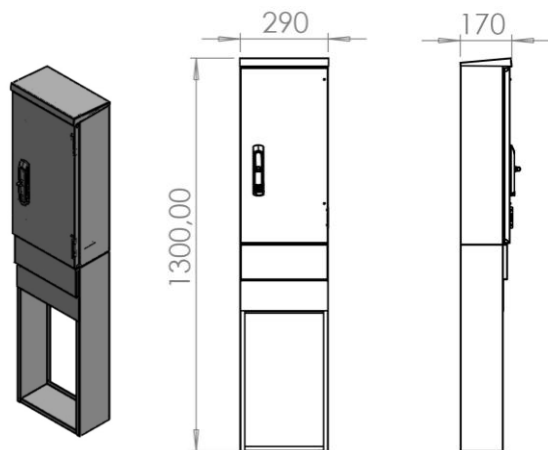
technical specifications:

| SZS-BSZ | 24 | 48 | 96 | 144 |
|--|--------------------------------------|------------------|------------------|------------------|
| dimensions [width x height x depth][mm] | 290 x 1300 x 170 | 320 x 1500 x 210 | 430 x 1500 x 210 | 520 x 1500 x 210 |
| number of linear SC simplex type commutation field | 6 | 6 | 12 | 12 |
| number of subscriber SC duplex type commutation field | 24 | 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 | 3 | 4 | 6 | 8 |
| max. splice capacity [F] | 72 | 96 | 144 | 192 |
| max. number of PLC splitters in BlackBox housing (18x80x120) | 4 | 4 | 6 | 8 |
| recommended length of pigtails [m] | 2 – 2.5 | | | |
| type of cable entry | brush grommet | | | |
| dimensions of cable entry [mm] | 60 x 220 | 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] | ~12.0 | ~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-BSZ-290/1300/170-24-SCS-0K3-S-R7035 | Optical outdoor cabinet with tippable insert, SZS-BSZ-290/1300/170-24-SCS, IP54, IK10, 24 ports SC simplex, without splice cassettes, 290x1300x170mm (WxHxD), Magnelis®, structural, RAL7035 |
| SZS-BSZ-320/1500/210-48-SCS-0K3-S-R7035 | Optical outdoor cabinet with tippable insert, SZS-BSZ-320/1500/210-48-SCS, IP54, IK10, 48 ports SC simplex, without splice cassettes, 320x1500x210mm (WxHxD), Magnelis®, structural, RAL7035 |
| SZS-BSZ-430/1500/210-96-SCS-0K3-S-R7035 | Optical outdoor cabinet with tippable insert, SZS-BSZ-430/1500/210-96-SCS, IP54, IK10, 96 ports SC simplex, without splice cassettes, 430x1500x210mm (WxHxD), Magnelis®, structural, RAL7035 |
| SZS-BSZ-520/1500/210-144-SCS-0K3-S-R7035 | Optical outdoor cabinet with tippable insert, SZS-BSZ-520/1500/210-144-SCS, IP54, IK10, 144 ports SC simplex, without splice cassettes, 520x1500x210mm (WxHxD), Magnelis®, structural, RAL7035 |