



RailSwing OB-01

Balise cover

- Protection of balise against damage
- Vibration elimination
- Optimization of air turbulence
- Easy installation and maintenance
- Designed preferably for RailSwing ABA-12 balise
- Compatible with other ETCS balises



GENERAL DESCRIPTION



Protecting cover of balise RailSwing OB-01 (further OB-01) is designed to prevent the loose objects of trainset hooking the edge of the cover and vibrations of complete mounting set when the trainset passes causing the air turbulence.

The construction of OB-01 is designed to allow easy maintenance. After dismantling, the clamps on the sleepers can be retained without interfering with the track reconditioning.

BASIC TECHNICAL DESCRIPTION

OB-01 is made of polyester resin with a temperature range from -50°C to $+88^{\circ}\text{C}$.

OB-01 is installed at the railway superstructure with protection for various types of sleepers:

B91S sleeper has central part 170 mm high. The central flat surface has dimensions of approx. $160\text{ mm} \times 600\text{ mm}$ which is suitable for placing the balise with sufficient clearance. The distance between mounting surface of the balise and the top of the rail is 224 mm or 208 mm close to the point.

The balise holder consists of spacer (20 mm), protective cover (40 mm) and ventilation gap (15 mm).

SB8 sleeper has central part 155 mm high. The central flat surface has a dimension of approx. $200\text{ mm} \times 641\text{ mm}$ which is suitable for placing the balise with sufficient clearance. The distance between mounting surface of the balise and the top of the rail is 238 mm or 222 mm close to the point. The balise holder consists of spacer (20 mm), protective cover (40 mm) and ventilation gap (15 mm).

SB3,4 sleeper has central part 130 mm high. The central flat





surface has a dimension of approx. 200 mm × 600 mm which is suitable for placing the balise with sufficient clearance. The distance

between mounting surface of the balise and the top of the rail is 238 mm or 222 mm close to the point. The balise holder consists of spacer

(20 mm), protective cover (40 mm) and ventilation gap (15 mm).



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