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PINLUXON 450 (SP200 LED) Level Crossing Road Signal

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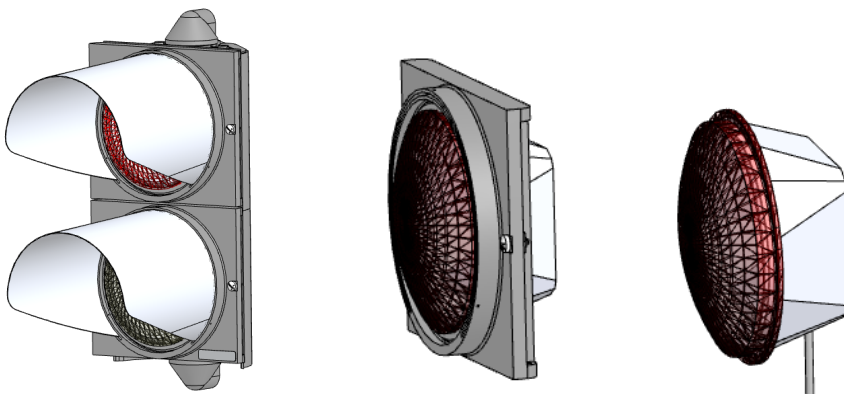
PINLUXON 450 (SP200 LED)

Field of operation:

The level crossing road signal SP200 LED is a component installed at level crossing safety systems (BÜSA) to signal to the road users whether the level crossing is secured. SP200 LED consists of a red and a yellow signal light module / light spot (two-chamber system) with the red light spot positioned above the yellow one.

Function:

The red or yellow light spots consist of a signal transmitter module that is mounted to the housing door. The optical system of a light spot comprises a diffuser, a Fresnel lens and a housing with an integrated heat sink. Two LED strands serve as light source, ensuring the redundancy of the light spot comparable to a two-filament signal lamp. Alternating operation of the two strands is also possible.



Version:

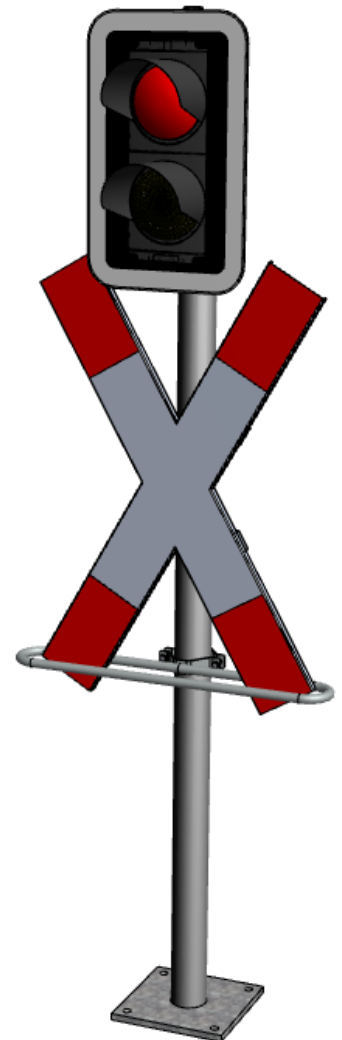
SP200 LED is available as a standard two-chamber system, with red and yellow signal transmitter modules. A single-chamber system with a red light spot is also available. Other variants, e.g. in green and/or with stencils such as arrows or other symbols, are available on request.

Technical data:

- Dimensions: H 486 mm X W 274 mm X D 424 mm
- Weight: ~ 4.7 kg
- Ambient temperature: -25°C - +40°C
- Protection class: IP 54
- Light colour and luminous intensities: according to DB LH / DIN EN 12368
Luminous intensity I_{Type} RD 600 cd / YE 500 cd
- Nominal voltage: Open-circuit voltage 15V and 23V or constant current of 360 mA ± 3%. Safe control and monitoring is ensured by the BÜSA module.

Application:

e.g. on standard tubular mast



Features:

- DIN EN 12368
- Very good visibility
- High availability due to LED technology
- Very low power consumption approx. 6W
- Maintaining the interface between BÜSA and Lz
- Quick and easy retrofitting
- EBA-GluV / DB approval