Sat-System
Railway Systems

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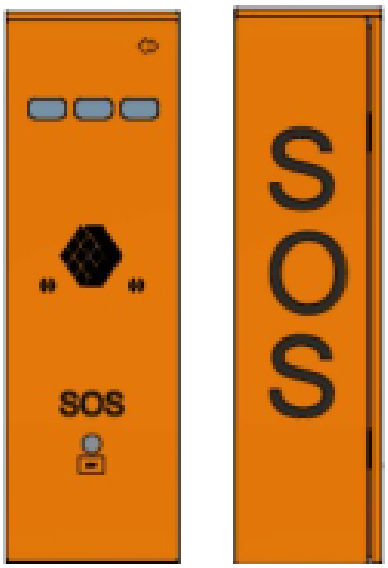
Catalog Card
Emergency communication (SOS) tower



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ISO 9001:2015
IST/TS 22163:2017
AQAP 2110:2016
Świadectwo Bezpieczeństwa Przemysłowego
Koncesja MSWiA

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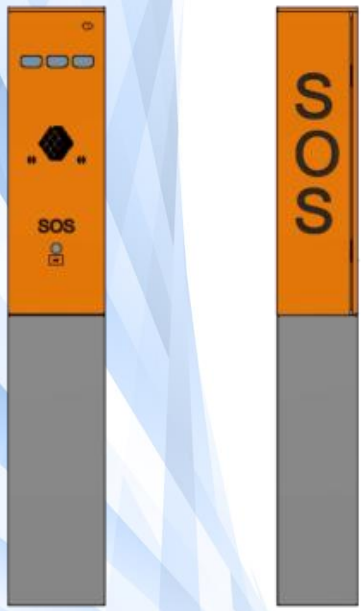
PURPOSE, DEVICE CHARACTERISTICS

• The SOS Husar bollard has been designed for both indoor and outdoor installation in public places such as: airports, railway and bus stations, railway routes, parking lots, shopping centers or city centers. The post consists of a communication module and a plinth that allows it to be permanently attached to the ground.

• The communication module of the post is equipped with an emergency button (initiating a call), a camera ensuring good visibility of the caller, a microphone and loudspeakers allowing for good voice communication. It is also equipped with an induction loop - a hearing aid system that transmits the signal directly to the hearing aid / cochlear implant.

• The construction ensures the degree of protection IP-66 and IK-10. Coloring of the SOS post in accordance with the Ipi4 guidelines of PKP PLK SA makes it easily visible to passengers and people staying in its vicinity.



The specification of the SOS Husar post is fully compliant with the current PKP PLK SA Ipi-4 guidelines and good practices of PKP SA

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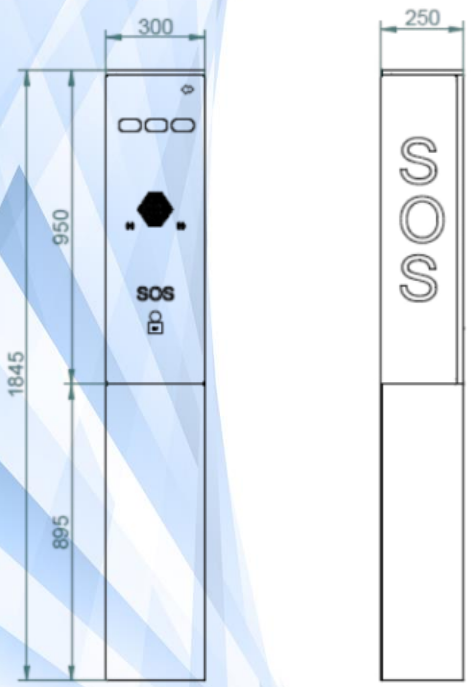
INSTALLATION

The SOS post is mounted in the ground (foundation or prefabricated base) with 4 M10 screws. In the middle of the base of the SOS post there is a cable gland for connecting the power cable, the cable connecting with the SOS server and the induction loop. The loop cable (antenna) should be mounted in front of the column (module with the emergency button and communication system) covering the area of 2mx2m in the floor.

The antenna is not part of the SOS post. The number of loops/length depends on the conditions in which the antenna is laid and should be selected individually for each assembly. When laying the antenna, measurements should be made to verify the correct antenna power.

The following wiring should be provided for the SOS post:
- Power cord 230V 3x1.5
- UTP cable connecting to the SOS server
- Cable for LGY 1.5 induction loop



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TECHNICAL DATE

Technical parameters	
Dimensions	1845x300x250
Libra	18kg
Case	Made of corrosion-resistant material, painted in RAL color
Housing tightness	IP-65 (according to PN-EN 60529:2003)
Level of security	IK-10 (according to PN-EN 5012:2001)
Operating temperature range	-30°C do +60°C
Supply voltage	100 - 230VAC (±10%) 50-60Hz ±1%
Amplifier	class D
Frequency response	200 – 7000 Hz
Microphone sensitivity	-50dB
Speaker power	8W
Camera	2Mpx, viewing angle H:120°; WDR; IR; H264; 120º viewing angle
Sound features	Echo cancellation, noise reduction, noise detection and reduction, built-in induction loop in accordance with PN-EN 60118-4:2015
Camera Features	Automatic day/night mode, automatic and manual white balance adjustment,
Protocols	TCP/IP; SNMP V1, V2 i V3; SIP
Additional functionality	flash memory card port for 48h recording

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