Passenger Intercom

Rapid help in full duplex mode

The new help call intercom (HRSS) was developed VoIP-capable for SIP applications in public transport. Its full duplex mode enables rapid assistance for the passenger thanks to high communication quality. It is designed for calls for help from the wheelchair bay.

Due to the IP interface, the intercom can be integrated into SIP-compatible telephone systems and so guarantee the highest audio quality. PoE connections minimise cabling and thus installation costs. The intercom is impressive with its robust construction paired with an attractive design. It is also protected against vandalism.

The help call intercom complies with all European guidelines (TSI PRM) required for operation in public transport as well as other European standards and Swiss guidelines (suitable for the disabled).

Call for help

- Fully implemented according to RTE 40100
- PoE (802.3.AF)
- Meets all relevant railway standards (EN50155)
- Certification according to TSI PRM
- Designed as a help call intercom available in several mounting variants
- Easy assembly, installation and commissioning
- Less cabling effort
- Vandalism protection
- Safe operation in emergency situations
- Robust construction

Passenger intercom call for help

The passenger intercom call for help – designed as a hands-free device – allows voice calls to and from the control centre, as well as calls to the train driver. Communication takes place via LAN using VoIP (SIP call). The operating status of the intercom is displayed via a row of LEDs and the illuminated call for help button.

Technical specifications

Nominal voltage	48 V PoE (802.3af)
Power consumption	Max. 7 W
SOS button	Flat, metallised push button, LED ring illumination (yellow), triangular plastic mounting frame, with tactile symbol.
Operating temperature	-25 to +55°C environment (Class T1 - EN 50155)
LED	5x multicolour LED
Storage temperature	-40 to +85°C
Humidity	Max. 90% relative humidity, non-condensing
Ethernet	10/100Base-TX [FD] according to IEEE 802.3
Weight	1.1 kg
Dimensions	Front plate Width 115, Height 330, Depth 59 together with button, Installation depth 45 mm
Construction	All-metal body (aluminium/steel combination)

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