



Passenger Intercom

Fast help in full-duplex mode

The emergency intercom unit (NRSS) and the assistance intercom unit (HRSS) were developed to be VoIP-compatible for SIP applications in public transport. Their full-duplex mode enables rapid assistance for passengers thanks to high-quality communication. They are designed for emergency calls on rail vehicles.

The IP interface allows the intercom unit to be integrated into SIP-compatible telephone systems, thereby ensuring high audio quality. PoE connections minimise the amount of cabling required and thus reduce installation costs. The intercom unit stands out thanks to its robust construction combined with an attractive design. It is also protected against vandalism.

The intercom complies with all the European directives (TSI PRM) required for use on public transport, as well as other European standards and Swiss guidelines (accessibility for people with disabilities).

Benefits

- Fully implemented in accordance with RTE 40100
- PoE (802.3.AF)
- Complies with all relevant railway standards (EN 50155)
- Certified to TSI PRM
- Available in several installation variants as an emergency and assistance intercom unit
- Simple assembly, installation and commissioning
- Minimal cabling required
- Vandal-proof

Other important points:

- Secure operation in emergency situations
- Robust construction
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Technical Data

■ Nominal Voltage	48 V PoE (802.3af)
■ Power Interruption	Class S2, C1 (EN 50155)
■ Power Consumption	Max. 7 W
■ Operating Temperature	-25 °C to +55 °C; temperature class T1 in accordance with EN 50155
■ Storage Temperature	-40 bis +85 °C
■ Humidity	Max. 90% relativ Humidity, Non-Condensing
■ Ethernet	10/100Base-TX [FD] acc. to IEEE 802.3
■ Protection Class	IP20
■ Weight	1,1 kg
■ Dimensions	Front panel height 330, width 115, depth 59 mm (overall, including push-button); installation depth 45 mm
■ Construction	Metal housing combining aluminium and steel



Subject to Availability, Technical Changes, Prises, Missprints, Omissions and Errors.

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