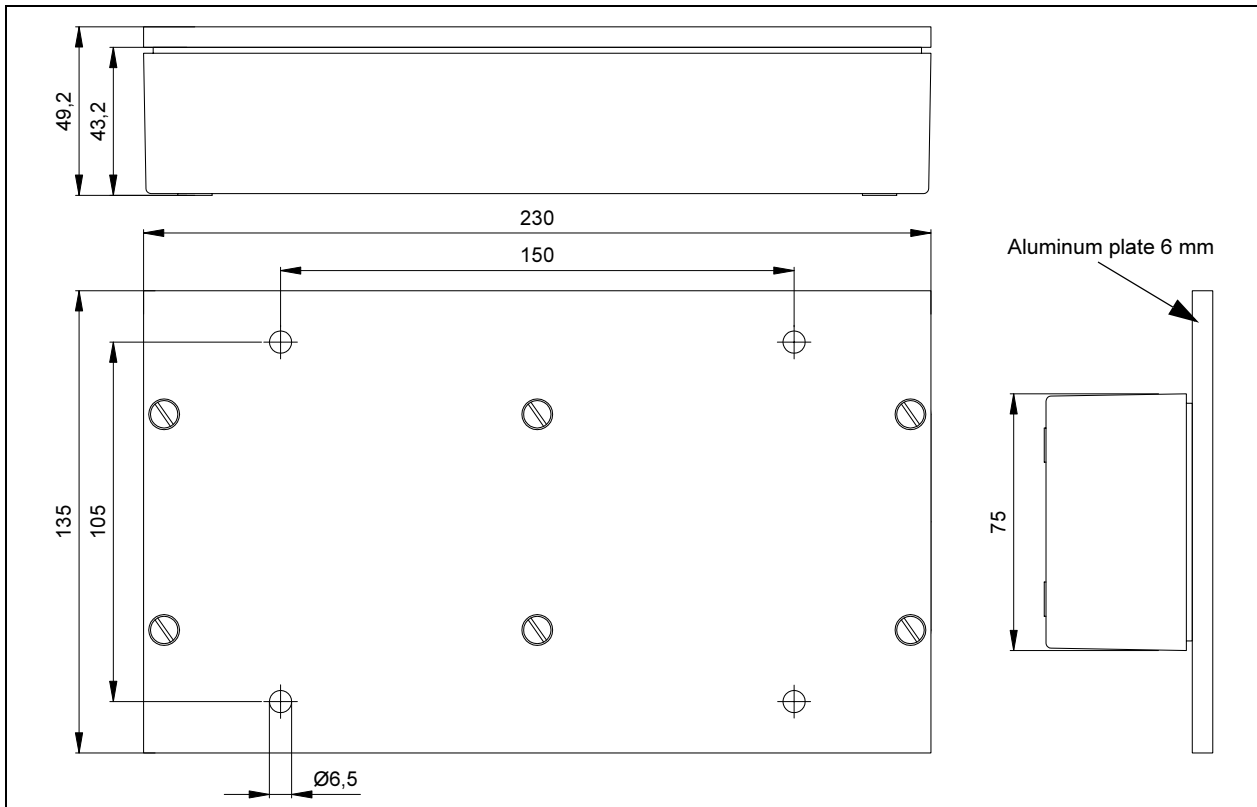


Operation

- passive RFID Tag (Transponder) railway applications (Balise)
- integrated antenna
- power supply: inductive via Transponder Reader HG 70640YC
- operating frequency 131 kHz
- data transmission via back scatter procedure, no transmitter
- coding: 24 bit Manchester coded, 4096 valid codes with hamming distance 8



Technical Data

- | | |
|-----------------------------------|--|
| - Data rate | 16,4 kbit/s |
| - Telegram timing | 3,9 ms |
| - Power-Up-Time | max. 1 ms |
| - Reading distance | 100 to 800 mm (without influence of the magn. field) |
| - Nominal reading distance | 400 mm |
| - Dimensions incl. mounting plate | 230 x 50 x 135 mm (L x H x W) |
| - Weight | less 2 kg |
| - Protection class | IP 67 |
| - Temperature range | operation -25 to +70° C
short term operation (< 15 min.) -35 to +85° C
storage -35 to +70° C |
| - Humidity | 95% rel. humidity |