

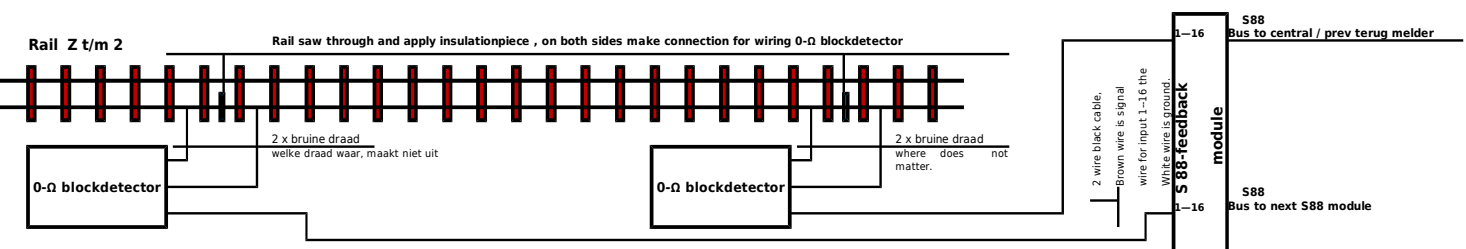
RAPTOR

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0-Ω blockdetector van RAPTOR-EBS-

- **0-Ω blockdetector**, especially developed for digital modeltrain-detection, *without power/voltage loss on detection rail of the digital supply signal through the detector (in contrary with other brands which do results in a power reduction on the detection rail.)*
- **Very suitable for GARDEN layouts** (think i.e. that LGB wiring with the entire detector may be put into the ground and rail bed) because the garden version is **UV, acid & water resistant (IP66)**.
- The measuring principle is **electronic and typical suitable for 5 Amp. continuously with temporary peak current up to max. 10 Amp.**
- **No external power supply necessary**, for the electronics.
- **Stationary locomotives are also detected**, on the low-power consumption of the loc decoder alone.
- Detection possible from the moment of the touch of the first current flowing wheel on the detection section. (Separate ring power cable required to supply the block detectors.)
- The switching output is **galvanically separated** from the digital power signal and may be connected **with any typical S88 feedback module** or compatible. Also for switching a external (transistor)circuit for direct (non-computer) controlled actions.
- Blockdetectors **may at random and intermixed be connected on the “J”- or “K”-rail site!** (Very conveniently polarity independent.)
- Optical **signalling** through a **LED** on top of the casing, **lights up at activating** of the 0-Ω blockdetector occupation feedback.
- Broadly applicable for rail sizes from **track Z until II** (LGB).
- Wiring length of the blockdetector to rail is ±20 cm and S88 wire ±1m (longer length possible at special order).
- Extremely **robust** construction to ensure a **very long life span**.
- Dimensions of casing of a single 0-Ω blockdetector L 35 x D 16mm round.
- Standard in stock, special orders may have a delivery date.



Always draw a proper schematic before making the full installation. Check connections first before applying the power signal.

It is advised to install one extensive power signal ring cable in the garden with ample copper diameter in order to supply the garden track at the rails on regular intervals. The blockdetectors need than to be “used” as electrical “connection bridges” across the rail-insulators of the detection(stop)sections only!

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