



# LEVEL CROSSING PROTECTION SYSTEMS

## APPLICATIONS

Full Range of Level Crossing Protection Systems



**ZELISKO**

# Zelisko has more than 50 years of experience in the field of rail signalling



Around the world, level crossings are often seen as potentially dangerous spots for road users. In addition to co-ordinating road and rail traffic, level crossing installations must be reliable and safe but also cost-effective and economical to maintain. Zelisko railway signaling technology meets all of these demands.

## Customer Benefits

- Complete product range: systems with roadside signals, half- and full-barrier systems, stand-alone systems, main signal covered systems with an interlocking monitoring interface
- Complete system supplier
- Trackside LED signals with self-diagnosis reduce life-cycle costs
- Support over entire life cycle

## Technical Features of the Microprocessor-based level crossing protection system

- Concept based on the interaction between the 2-of-3 vital processor system and the peripheral groups for train detection, roadside signals and barriers. Each control processor runs the same software in fixed cycles. System faults are detected by comparing the information between the three independent channels
- Broad range of power supply system monitoring features
- Local and remote diagnostics



Complete roadside signals with different lamp technologies, e.g. incandescent lamps with single or double filament, double halogen lamps or LED



Complete barriers with drives for 24 V DC supply voltage



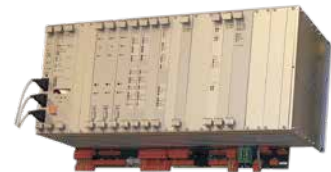
RBUEt Oe Diagnostic



LED signal EU for rail applications



Remote Maintenance System



RBUEt Oe

### Additional Features

- Easy modification in the event of alterations or extensions
- Rapid implementation of customer requirements through simple configuration
- Low life-cycle costs

### Product Range

- Complete level crossing protection systems with electronic control technology
- Type-approved LED railway signals
- Single components on demand

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