MODULE OVERVIEW
RTK7 – Visual and acoustic warning systems for 24 V applications

KL-ER
- Classic halogen rotary mirror, powerful basic features

KL-LR 2
- Extremely intensive, powerful signal for preceding and following traffic thanks to compact SMD LED placement on high-gloss metallised reflector in trough form, signal front/rear can be switched separately as an option

KL-LM 2
- With 2-level function for day and night mode, high-power LEDs with additional bundled lens arranged in a semi-circle provide optimised visibility, even from the side

KL-LM 4
- As module KL-LM 2, with extended functionality for rotating signal radiation analogue to the classic rotary mirror signal

Domes
- Available in transparent, light blue, dark blue, red and orange.

Alley lights
- With 4 LEDs for intensive close-range illumination along the side of the vehicle

Worklights
- H9 halogen, up to two headlamps at front and rear

Long-range flash module BSF-LED
- Bundled, extremely wide-range warning signal
- Effective warning during high-speed missions (e.g. on the motorway)

Flashing amber hazard warning lights
- Allows switch over from blue light to amber hazard warning light at the site of the emergency
- Automatic synchronisation of indicator light with the hazard warning light frequency of the vehicle
**LED signal bar LSB**
- Integrated amber chaser signal for warning and securing at the rear of the vehicle
- Traffic control possible thanks to different signal directions
- 3 versions available, with 5, 6 or 8 modules depending on the housing width
- Automatic day/night mode using photometric sensor; can be switched manually using the control unit (operation of LSB without handheld HA 112 or HA 115: option with LSB control unit)

**FireCAN**
- Central user operation via display units possible
- Quality improvement with tested automotive interface
- Made future-proof by standardisation
- Much more accurate diagnosis of all components connected to FireCAN
- Allows remote diagnosis of all firefighting equipment components

**FireCAN compatible with action**

**Licence plate loudspeaker N-LSP**
- Innovative acoustic module in the form of a licence plate bracket
- Mounting possible on any vehicle (for vehicle fronts up to 6°)
- Free signal projection to the front for increased safety and reduced noise on the interior
- The sound aperture is located beneath the licence plate, therefore guaranteeing free signal radiation and increased safety

**Internal acoustic module LSP-I**
- Integrated loudspeaker facing the front (Fig. A)
- Optionally facing the rear (Fig. B)

**External acoustic module LSP-E**
- External loudspeaker for separate installation
  - (very low power consumption 2 x 22 W and minimal dimensions of approx. 118 mm x 105 mm)

**Backlighting module**
- LED technology
- For housing widths of 900 - 1,600 mm
- Front and/or rear

**RTK software update stick**
- Enables fleet operators (from software version 01/11) the licenced update of different software versions of
  - the central control unit (ZSE),
  - a stop signal encoder (ASG) and the gateway within a vehicle fleet so as to have a standardised operation.

**Licence plate loudspeaker N-LSP**

**Internal acoustic module LSP-I**

**External acoustic module LSP-E**

**Backlighting module**

**RTK software update stick**

**eAZD and AZD control unit**
- For the electronic control of the optical and acoustic functions of special signaling systems
- eAZD control unit (Fig. A)
- AZD switch (police or fire department, Fig. B)

**PC tool**
- Software configuration of RTK², RTK²-VE and matrix stop signal generators via the gateway
- Software updates to a standardised software level based on the software update stick, see below
- Change and set PIN codes

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