

# Detector with wire sensors for truck tipper

## DETECT LINE - LDS

DETECT LINE LDS is a prevention system. It warns of the presence of overhead power lines around the vehicle to be protected.

DETECT LINE LDS is composed of a sensor placed on the roof of the vehicle which communicates permanently with the central unit (CU).

The central unit is placed in the visual field of the driver in the vehicle cabin. It allows the visualization and the acknowledgment of the alarms.

## APPLICATION

- ♦ Lorries tipper
- ♦ Truck tipper
- ♦ Aerial bucket
- ♦ Excavator
- ♦ Crane

## OPERATION

DETECT LINE LDS senses the electric field around a high voltage power line.

DETECT LINE LDS alerts the user with an audible signal and a warning light when the vehicle enters a danger area (up to 50 meters configurable distance from a high voltage power line).

After the system has detected an electric line, it can be acknowledged on the central unit, and set in "vigilance" mode.

A sound alert will then be emitted at regular intervals to indicate the danger. This mode will maintain the operator's vigilance as long as the vehicle stays in the danger area.

## TECHNICAL CHARACTERISTICS

- ♦ Self-test system at each power-on and continue verification between the sensor and the central unit
- ♦ Power supply : 24 V DC or 12 V DC
- ♦ Compact design : 150 x 90 x 35 mm (CU) and 110 x 40 mm (sensor) waterproof standard : IP 54 (CU) and IP 68 (sensor)
- ♦ Temperature range : -20 °C to +50 °C
- ♦ Sensitivity limits of the system do not allow the detection of 230 V - 380 V line
- ♦ The system does not detect the presence of DC voltage



Sensor



Central unit



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