

# Infrared motion detector comstar B15 BUS



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VdS-Class B (G 101514)

suitable for intruder alarm systems in accordance with DIN EN 50131-1

The comstar infrared motion detector is used for monitoring interior spaces. It detects infrared heat rays in the wavelength range emitted by the human body via its optical mirrors.

The TRAP technology (Threshold Regulated Algorithm with Power management) offers excellent protection against false alarms and outstanding detection characteristics. Alarm criteria can be distinguished very effectively from interference signals. At the same time, the energy consumption is reduced to a minimum.

The attractive housing was designed by Luigi Colani.

#### Features

- Connection using BUS-1 technology
- Microprocessor controlled signal processing
- Volume detector range 15 m / Curtain detector range 25 m (for case monitoring)
- Manual sensitivity setting
- Self-test function
- Multi-functional control LED
- Alarm memory function
- Walk test function
- Assembly height 2.5 m
- Operating temperature -10 °C to + 50 °C
- Environmental class compliant with VdS 2110 class II
- Protection type IP 30
- Dimensions (W x H x D) 66 x 140 x 55mm

The motion detector (B15 BUS) is designed for connection to intruder alarm central units with detector BUS-1.

- Detection range 15 m
- Aperture angle approx. 90° (horizontal)
- Creep zone
- RAL 9016 traffic white
- Standby power consumption approx. 0.9 mA
- Power consumption with LEDs lit approx. 3.9 mA
- Supply voltage 9 - 15 V DC



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