

TORMAX 7502

Combined sensor, redundant



- › Activation and safety sensor with dual technology for automatic sliding doors
- › High personal safety in and around the door closing area by means of door learning technology
- › Optimum presence detection with monitored active infrared curtain in three rows
- › Safety at mounting heights of up to 3.5 metres
- › One sensor for all sliding door types (standard and emergency exit)

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Area of application

- Activation and safety sensor for normal sliding doors and emergency exit doors without breakout panel
- For all types of sliding doors

Features

- Installation height: max. 3.5 m, compliant with EN16005/DIN 18650
- Detection field at installation height of 2.2 m: max. 4.0 m wide and 2.5 m deep
- IP protection class: IP54
- Operating temperature: -20°C to +60°C
- Operating humidity: below 80 %
- Safety category: Cat. 2/PL d (according to EN ISO 13849-1:2015)
- Weight: 0.26 kg
- Colour: black
- Accessories (supplied): Cable, 2 mounting screws, drilling template, operating instructions, range cover

Electrical specifications

- Supply voltage: AC/DC 12 V to 24 V \pm 10 % 50/60 Hz
- Power consumption: DC 12 V – max. 150 mA, AC 12 V – max. 2.5 VA, DC 24 V – max. 80 mA, AC 24 V – max. 2.5 VA
- Test input: max. 6 mA at 24 VDC
- Output infrared and radar: opto-relay (NP), max. 48 VDC, max. 300 mA (resistive load)

Specifications IR sensor

- Detection method: Active infrared reflection
- Output holding time: approx. 0.5 s
- Response time: 0.1 s – 0.2 s
- Presence timer: 2 s, 30 s, 60 s or permanently active

Specifications radar sensor

- Detection method: Doppler method (detection of moving bodies)
- Transmission frequency: 24.15 GHz
- Output holding time: approx. 1.5 s
- Reaction time: 0.1 s – 0.2 s

Optional accessories

- Recessed ceiling kit
- Rain cover
- Ceiling mounting kit



Approvals

- EC type-examination certificate (tested according to: EN 16005, DIN 18650, EN ISO 13849, EN 12978, AutSchR)