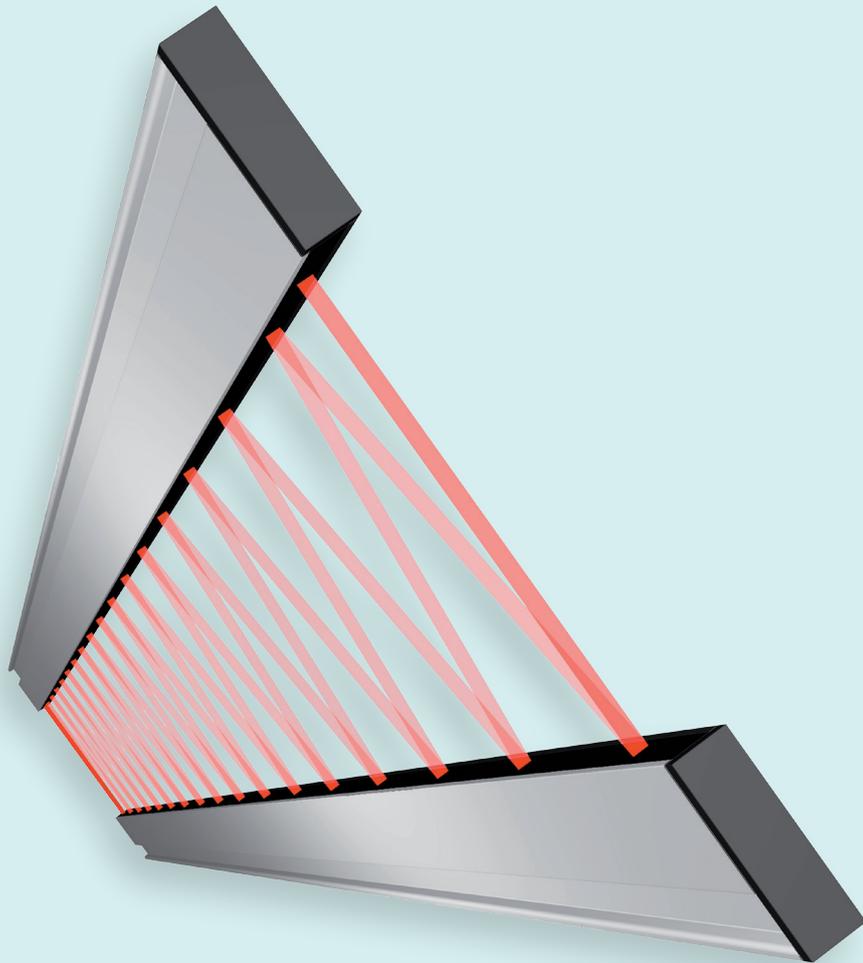


WSE EVO

LIGHT SENSOR SYSTEMS FOR ELEVATOR DOORS



- WSE EVO: revision A04 compliant with EN 81-20/50
- Door edge protection for side and central opening lift doors
- Light sensor system with up to 174 independent infrared beams
- Standard operating distance 4000 mm
- Monitoring up to height 1833 mm
- Intensity of light beams individually controlled by microprocessor, no adjustments required
- Function retained also in case of vandalism (single beams interrupted permanently)
- Vandalism protection
- High immunity against all sources of ambient light
- SYNC cable not needed

WSE EVO

Light sensor systems for elevator doors

PRODUCT FEATURES

Model	WSE EVO
Dimension	10 x 33,5 x 2005 mm
Connection cable	4 m on transmitter TX and receiver RX
Distance between bottom beam and bottom of housing	20 mm
Distance between top beam and bottom of housing	1629 mm
Monitoring range	3,5 m
Number of beams	174 on detector distance more as 500 mm, 94 on less than 200 mm
Supply voltage	11 – 42 V DC continuous, max. 100mA, max peak 44V
Diagnostic LED	1 red LED in receiver detector RX (visible through lens)
Light immunity	> 100.000 Lux
Operation temperature	-10 °C to 60 °C as per BS2011, part 2.1 Ab and part 2.2 Bb
Storage temperature	-25 °C to +60 °C; 24 hours maximum on each temperature
High temperature / high humidity	93% BS2011, part 2.1 Db: 1981, Variant 2 at +55 °C
EMC conformity	Emissions to EN 12015, immunity to EN 12016
IP rating	IP65 in accordance with BS EN 60529:1992
Vibrations	Random vibration: 20 to 500 Hz 0,002 g ² /Hz 4 hours per axis Sinusoidal vibration: 30 Hz 3,6 g 30 min per axis

- Flexible, fully isolated solid-state output relay, equivalent to all conventional PNP/NPN transistor outputs
- No external control unit needed
- Supply voltage 11-42 VDC, WLS power supply with wide-range input 90-275 VAC as option
- Compact design (33,5 x 10,0 mm cross-section)
- Easy installation either on door panels or fixed between sill and door mechanism