

ZEN

RADAR SENSOR FOR AUTOMATIC SLIDING DOOR

Commercial sheet



OPENING SENSOR

DESCRIPTION

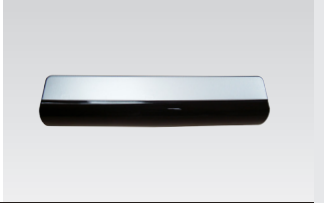
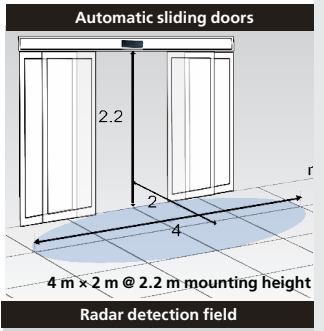
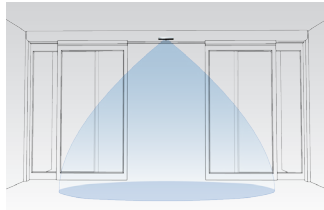
ZEN is an economical bidirectional radar sensor for automatic sliding doors.



ZEN ■

FEATURES

- Bidirectional detection offering a reliable and comfortable opening.
- Adjustable radar angle (vertical).
- Adjustable detection field via potentiometer.
- Easy to open.
- Plug and Play.
- Mounting Height = max 4m



ZENSAFE combined sensor (Radar+IRA)

APPLICATIONS

- Opening sensor for automatic sliding doors.

EASE OF INSTALLATION

- Front cover easy to open by hand.
- Possibility to adjust the opening detection area via potentiometer.
- Possibility to adjust the radar antenna (vertical) .
- Possibility to adjust the radar immunity via DIP switch.

TECHNICAL SPECIFICATIONS

Technology	Microwave and microprocessor
Transmitter frequency	24.125 GHz
Transmitter radiated power	< 20 dBm EIRP
Transmitter power density	< 5 mW / cm ²
Detection mode	Motion
Min. detection speed	5 cm/s (measured in the sensor axis)
Supply voltage	12 V - 24 V AC +/-10% ; 12 V - 30 V DC
Mains frequency	50 to 60 Hz
Max. power consumption	< 2W (VA)
Output	relay (free of potential change-over contact)
Max. contact voltage	42V AC -60V DC
Max. contact current	1A (resistive)
Max. switching power	30 W (DC) / 60 VA (AC)
Maximum mounting height	4 m
Protection degree	IP54
Temperature range	from -20°C to +55°C

Specifications are subject to change without prior notice.

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