

OA-203C

Active Infrared activation and safety

The Optex OA-203C is the optimal choice for both safety and activation on all types of automatic doors. It combines easily adjustable settings with a slim design, providing maximum safety in a wide array of applications.



EASY INSTALLATION

The Optex OA-203C is simple to install. All the settings are mechanically adjustable with dipswitch and levers.

SAFETY

Safety is assured by the two rows of presence detection closest to the door. The sensor detects a person or object and holds the door open as long as they are in the threshold area, even if they stop or pause.

DESIGN

A very compact and slim design, available in three colors: black, silver and white.

ALL CONDITIONS

Snow mode and variable sensitivity adjustments make this sensor suitable for every application and even extreme weather conditions.

QUALITY

Optex automatic door sensors guarantee premium performance and include a 3-year full replacement warranty.

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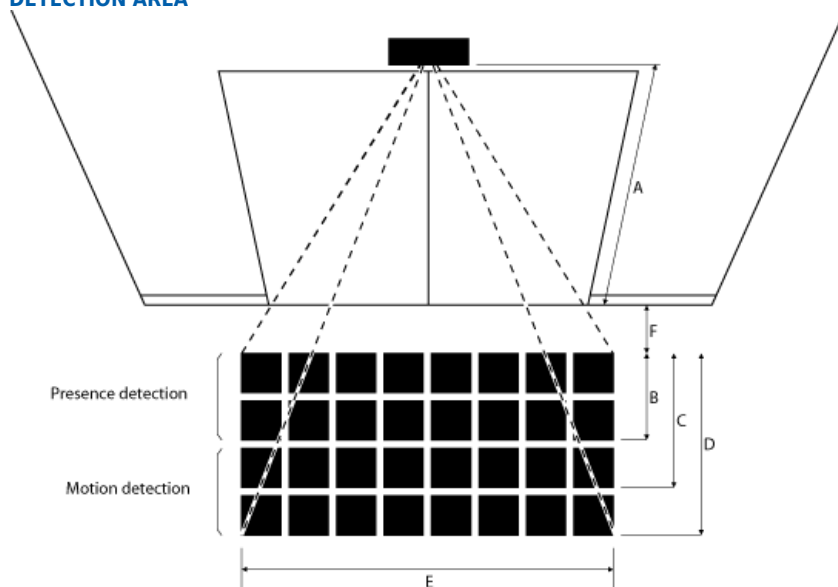
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OA-203C

SPECIFICATIONS

| | |
|----------------------------|--|
| Model | OA-203C |
| Mounting height | max. 3.0 m (9'10") |
| Detection area adjustments | Eliminate rows B, C, or D (dipswitch setting) Depth 4° in or out, 1° per setting Width 7° left or right, 3,5° per setting Shutters eliminate left and right sides |
| Detection technique | Active infrared reflection |
| Power supply | 12-30V AC/DC |
| Power consumption | 160mA max. (at 12V AC) |
| Power/Operating indicator | Green: Stand-by Red: Presence detection Oranje: Motion detection |
| Output contact | "Form C"-relay 50V, 0.3A max. (resistance load) |
| Relay hold time | Approx. 0.5s |
| Response time | < 0.3s |
| Operating temperature | -20°C – +55°C |
| Outer dimensions | 221 x 63 x 29.9 mm (w x h x d) |
| Weight | 200g |
| Accessories | <ul style="list-style-type: none"> • 3 m connection cable with plug • 2 mounting screws • 1 mounting template • area adjustment tool |
| Available colours | Black (OA-203CBL), silver (OA-203CS) and white (OA-203CW) |

DETECTION AREA



| | | | | |
|-----------------------------------|------|------|------|------|
| Mounting Height A | 2.20 | 2.50 | 2.70 | 3.00 |
| Area Depth B (Presence Detection) | 0.31 | 0.35 | 0.38 | 0.41 |
| Area Depth C (Presence Detection) | 0.75 | 0.85 | 0.92 | 1.02 |
| Area Depth D (Motion Detection) | 1.30 | 1.48 | 1.59 | 1.77 |
| Area Width E | 2.30 | 2.60 | 2.80 | 3.10 |
| Distance to mounting surface F | 0.18 | 0.20 | 0.22 | 0.25 |

The actual detection area may differ according to the size/material entry speed of the object and the installation environment.