

Optional Accessory

IR-SSS-5S1

Monitored Infrared Safety Sensor

Features

- Recommended when installing door operators
- Six spot, 800 – 1000 mm, infrared safety curtain with 1 PCB unit
- Easy installation and adjustment
- Safety beams can be focused very close to the ground for maximum safety
- Available in 360 mm length and enclosed in robust housing
- Complies with EN16005 European standard



Operator with IR-SSS-5S1

Infrared safety sensors are used to detect all static and moving objects within their detection range. The **IR-SSS-5S1** safety sensor is designed to provide safety protection for automatic swing doors. It combines the active infrared technology and Position Sensitive Detection (PSD) technology to ensure precise detection. It can be mounted on either the pull or push side of the door and serves as an externally and internally monitored safety system.

Technical Data

Installation Height	2.6m (8.53ft) Max
Detection Method	Infrared Presence Detection with P.S.D. distance measurement
Pattern Adjustment	Beam Angle Adjustment: 5° / 10° / 15° / 20° / 25° Detection Distance Adjustment: Dead Zone, 50-500mm
Detection Range	0 ~ 2.5m (0 ~ 8.2ft) Max
Presence Timer	Infinity
Power Supply	AC/DC 12 ~ 24V ±10%
Power Consumption	AC12V : 1.7VA, AC24V : 2.3VA (per each PCB unit) DC12V : 95mA, DC24V : 55mA
Output Relay	Relay contact: DC50V 0.1A Non Voltage 1C
Dimensions	360mm (W) x 45mm (H) x 45mm (D)
IP Rating	54
Weight	Approx. 350g (0.77 lbs)