BEA Architectural Specification Sheet
Automatic and Industrial Door Solutions: Superscan

Product Specifications

Presence Sensor for Swinging, Folding and Revolving Doors: Provide a door-mounted automatic entrance door sensor capable of providing presence detection via distance measuring triangulation.

1. Mounting range capabilities:
   a. Mounting Height: Up to 9ft. (108 in.) (274.32 cm) above finished floor
2. Thermal range requirements: -30º F to 140º F (-1 º C to 60 ºC)
3. Each module within the sensor housing shall detect a 28” (50.8 cm) minimum high person. The sensor shall be mounted at the top rail of the door(s) – mid-rail mounted (or equivalent) devices shall not be acceptable. The sensor, upon detection, shall provide a relay output to serve as a switch to stop, slow, or reverse the door action. The sensor shall utilize a master and slave module configuration – up to 9 slave modules may be added to accommodate wide doors.
4. The door-mounted sensor provides protection during door travel. The sensor utilizes a “distance measurement” method of detection, and thus is not susceptible to false detections due to ever-changing background environments.
5. Sensor Dimensions: Available in widths from 13” to 102” W x 1.89” H x 1.95” D (33.02 cm to 259.08 cm W x 4.80 cm H x 5.0 cm D) (width to suit door size).
6. Finish: Black anodized aluminum extrusion with black ABS end-caps.

   Note: The Superscan may be used as an additional safety and/or secondary activation sensor when applied to low-energy door applications utilizing “Knowing Act” devices, such as wall switches. The sensor, upon detection, shall provide a relay output to serve as a switch to stop, slow, or reverse the door action.

BEA Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Phone: 1.800.523.2462
Fax: 1.888.523.2462

Member American Association of Automatic Door Manufacturers

A HALMA COMPANY

Product image and Application Photo

	

BEA Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Phone: 1.800.523.2462
Fax: 1.888.523.2462

Member American Association of Automatic Door Manufacturers

A HALMA COMPANY

Technical Specs:

Technology	Focused Active Infrared
Detection Mode	Presence
Measurement of Distance	Triangulation
Temperature Range	-30º F to 140º F (-35º C to 60º F)
Adjustable Detection Range	2 ft to 9 ft
Supply Voltage	12 to 24 VAC / VDC; ±10%
Relay Hold Time **Potentiometer Range**	0.1 s to 4.5 s

Output **Maximum Contact Rating** **Hold Time**	Single Relay 1 A @ 30 V (resistive) 0.1 to 4.5 seconds
Response Time	< 50 ms
Material	Aluminum, ABS plastic / acrylic
Housing Color	Dark Bronze Anodized
Maximum Number of Modules	1 – 10; 1 Master + up to 9 Slaves
Degree of Protection	IP53
Detection Signal Duration	Infinite Presence Detection

Dimensions:

LENGTHS:

10SSI13 - 330mm (13 in)
10SSI - 876mm (34.5 in)
10SSII - 876mm (34.5 in)
10SSIII - 876mm (34.5 in)
10SSII40 - 1013mm (40 in)
10SSII42 - 1067mm (42 in)

BEA Inc.
RIDC Park West
100 Enterprise Drive
Pittsburgh, PA 15275-1213

Phone: 1.800.523.2462
Fax: 1.888.523.2462

Member American Association of Automatic Door Manufacturers

A HALMA COMPANY