



SUPERSCAN-T

DOOR MOUNTED, ACTIVE INFRARED SAFETY SENSOR



DESCRIPTION

BEA's **SUPERSCAN-T** is a door mounted, active infrared safety sensor designed for use on automatic swinging, revolving, folding and low energy doors.

The **SUPERSCAN-T** uses triangulation to detect the presence of a pedestrian, while the door is opening and closing.

The **SUPERSCAN-T** can be used as an individual module or daisy chained with additional secondary modules. This flexibility allows the **SUPERSCAN-T** to be used on both narrow and wide doors. Each module detection zone can be adjusted independently.

TECHNICAL SPECIFICATIONS

Technology	Active Infrared with background suppression
Detection Mode	Presence
Measurement of Distance	Triangulation
Power Supply	12 – 24 VAC / VDC ±10%
Output Interface; Relay	Relay – max. contact rating: 1A @ 30 V (resistive)
Detection Range	0 – 8'
Distance Adjustment	2 – 8' (rotating cam with linear adjustment)
Max. Mounting Height	8'
Detection Signal Duration	Infinite Presence Detection
Detection Time	< 50 ms
Output Hold Time	Potentiometer range: 0.1 – 4.5 s
Operating Temperature Range	-30 – 140 °F
PCB Dimensions	
Primary	10.91" (W) × 1.5" (H)
Secondary	8.75" (W) × 1.5" (H)
Connector to Door Controller	8-position screw terminal on Primary PCB
Primary-to-Secondary Connection	Flat-ribbon cable with connectors and key lock
Max. Number of Secondaries	8
Functions Selection	Detection mode: NO or NC Normal mode or Background Analysis mode

APPLICATIONS



Single Swing



Double Swing



Revolving



Uneven Pair

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