



TRI-TRONICS®



- Vandal Resistant, Secure Mounting
- Robust and Rugged
- Labor Saving Design
- Fast Installation and Changeout



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SPECIFICATIONS

PART NUMBERS:

EDGE-4VS, EDGE-4NVS, Side Parting
EDGE-4VC, EDGE-4NVC, Center Parting
EBF-NYCH, Flat Mounting Bracket
EBA-NYCH, Angled Mounting Bracket

LIGHT BEAM AND RECEIVER ARRAYS	POWER SUPPLIES
Size: 1.57"W x 81.125"L x .75"D (39.7mmW x 2061mmL x 19mmD) Cable Length: 18 feet (5486mm), connectorized at both ends Distance between bottom of receiver housing and lowest detector: 2 inches (50.8mm) Distance between bottom of receiver housing and highest detector: 64 inches (1625mm) Range: Up to 12 feet (3658mm) Number of light beams: 64 (2 per detector operating in a redundant mode) Rated at 100,000 lux Operating Voltage Range of Arrays: 12-30 VDC Maximum allowable installed misalignment: ± 20 degrees @ 3 feet Response Time: 50 milliseconds nominal, 75 milliseconds max. Maximum Current Draw: 130mA total of both arrays Ratings: NEMA 1 for Standard Leading Edge; NEMA 4, IP67 for Waterproof Arrays Diagnostic Indicators: Receiver Array Indicators: TOP RED LED: DSA™ Indicator (Dynamic Sensitivity Adjustment) LOWER RED LED: Output Status Indicator Light Beam Array: RED LED: Flash Rate Indicator. Flash Rate denotes Operational Status. Exceeds ADA American Disability Requirements  	Size: Non-Metallic, 3.25"H x 9.2"W x 6"D (82.5mmH x 233.1mmW x 152mmD) Non-Metallic Waterproof, NEMA 4, 3"H x 9.375"W x 5"D Voltage Requirements: 120 or 240 VAC Power Supply Power Consumption: 5 VA maximum Plug-In Output Relay: MASTER CONTROL RELAY... SPDT action with contacts rated up to 10 A @ 250 VAC or 30 VDC. Relay de-energizes when obstruction is detected. Models Equipped with Nudge-1 PC Assembly: Accessory Relay Switch Selectable Options: Option 1: Functions as a Nudging Relay that energizes after Adjustable Delay. Option 2: Functions as a Redundant Relay...i.e., Master Control Relay and Accessory Relay operate simultaneously. Buzzer Options: ON-OFF Switch Selectable... energizes after Adjustable Delay. Diagnostic Indicators: Main output relay status indicator Nudge relay status indicator on Nudge Board DC power ON indicator Nudge Time Out: Adjustable from 5 to 45 seconds Power Supply Enclosures: NEMA 1 for Non-Metallic NEMA 4, IP67 Non-Metallic for "W" Series Operating Temperature Range: -40F to +158F (-40C to 70C) Operating Humidity Range: Up to 95% relative humidity at 104F (40C)

DANGER

WARNING

DANGER

TRI-TRONICS® elevator door control products are designed for elevator door protection only. Our edges are not designed to be used in applications such as top of elevator cab protection, or in residential elevators in conjunction with scissor gates. Additionally, they are not designed to be used as machine safety light curtains commonly found in industrial robotic areas, or around machines that could pinch, grab, or cut person or persons in close proximity.