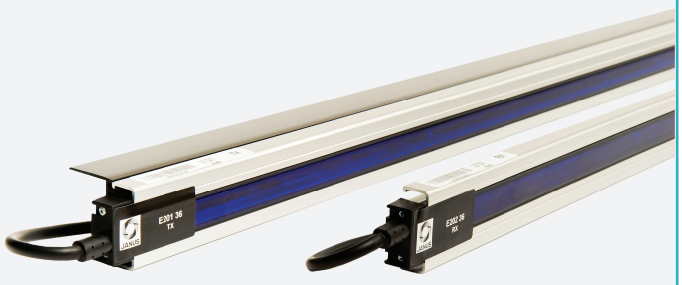
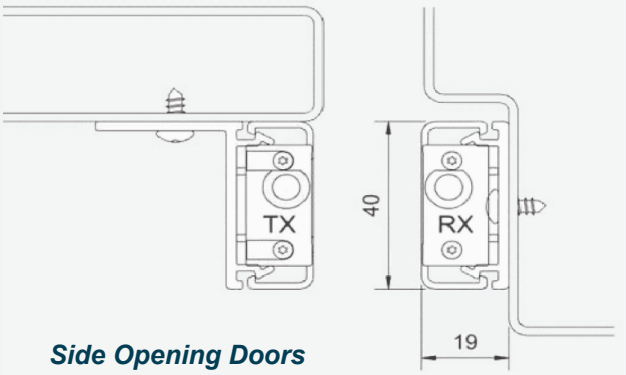
E200 Safety Edge

E200

RATH JANUS by AVIRE





Side Opening Doors

KEY FEATURES

- Ideal replacement of existing installations
- CSA and EN81-20 compliant
- Suitable for side and center opening doors
- Robust housing with IP65 rating
- Diagnostic LEDs
- Includes power supply
- Supports direct wire up to door operators

DESCRIPTION

The E200 safety edge is the ideal replacement for the obsolete D200. The E200 comes with a plug and play power supply, (2) 15 foot extension cables, and mounting brackets for both center and side opening installations. These brackets can be drilled to match any existing mounting holes. The 1.5 inch profile is IP65 rated. The E200 contains 36 diodes support 174 criss cross beams, and is made in compliance with the European EN81-20 standard. It can detect a 1.9 inch object at any point in the detection zone, offering a robust and safe solution. The RX also contains a diagnostic LED for fault finding, decreasing installation time and maintenance.

Technical Specifications:	
External Dimensions	1.5 x .07 x 78.7 inches
No. of Diodes	36
Total No. of Beams at a separation of	174 Beams > 19.6 in 36 Beams < 19.6 in
Top Diode position from sill*	64.3 inches
Bottom Diode position from sill* *Detectors are mounted 5mm from sill	0.9 inches
IP Rating	IP65
Maximum Range	118 inches
Maximum Response Time	100 ms
Light Immunity	> 100,000 lux
Input Voltage	Without 280 power supply +11vdc - +42vdc Continuous 44vdc [Max] Peak with 280 power supply 110 vac as standard
Trigger Input	Maximum Switching Voltage=45vdc/30vac Maximum Switching Current=350 mA Maximum on State Resistance=2 Ohms NPN,PNP, NC, NO user configurable
Diagnostic Output	Maximum Switching Voltage=45vdc/30vac Maximum Switching Current=350 mA Maximum on State Resistance=2 Ohms NPN,PNP user configurable: NC only
Current Average	<100mA
Peak Current	<100mA
Operating Temp. Range	-50°F - 140°F as per BS2011 Part 2.1AB & Part 2.2BB
Storage Temperature	-77°F to 140°F
EMC Emissions	EN12015:2014 Immunity 12016:2013
Random Vibration	20-500Hz 0.002g2/Hz, 4 hours per axis
Sinusoidal Vibration	30Hz 3.6g RMS 30mins per axis