

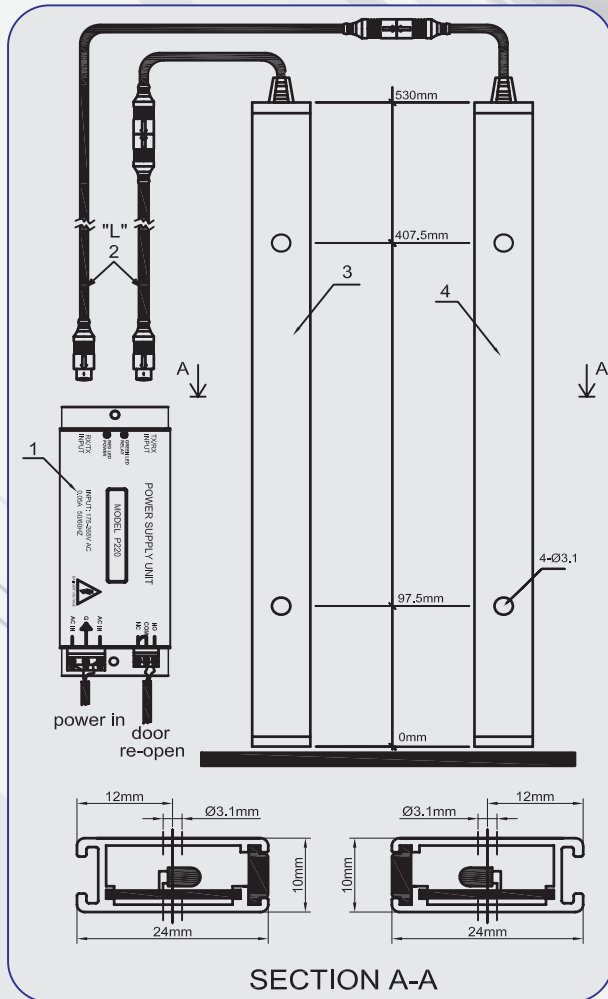


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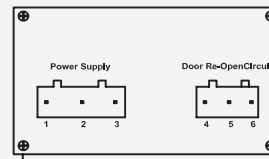
## DOOR DETECTOR (Safety Light Curtain)

**Model : E-530**

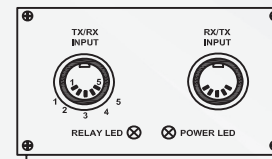


### Technical Specification

Model	E-530
Number of diodes	8
Maximum beams	22 beams
Distance between diodes	59mm
Size	10mm X 24mm X 530mm
Highest beam	≥457mm
Lowest beam	≤44mm
Detecting distance	0-4mtr
Response Time(Relay)	40ms
Time out Function	No
Operating temperature range	-20 Deg.C +65Deg.C
IP Rating	IP 54
Light immunity	≥100,000LUX
EMC compliance	Emission to En12015 / Immunity to EN12016
Model P220	AC220V±10%50Hz
Power Rating	≤4W
Vibration Test	Random vibration 20 to 500 Hz 0.002g <sup>2</sup> /Hz 4hrs per axis. Sinusoidal vibration 30Hz 3.6g rms 30mins per axis.
Indicator Light function	Indicator lights in TX, RX, and Power supply unit can indicate working status



**Fig 1: Power Supply unit side view**  
1: L                    4: NC  
2: E                    5: COM  
3: N                    6: NO



**Fig 2: Power Supply unit side view**  
1: Blue-0V            4: Yellow - Trig  
2: Green-Link       5: Shielding wire  
3: Red - +12 VDC

### Specification of power supply unit

Model	P220
Size	178mm (L) X67mm(W) X39.5mm(H)
Voltage Input	220VAC±10%50Hz
Power Consumption	4VA
Case Material	Steel and Aluminium
Relay Contact type	COM,1NO,1NC
Relay Contact Rating	250VAC 7A or 30VDC 7A
LED Indication	Red LED indicates power status Green LED indicates output status of light curtain.
Buzzer Switch	Put ON/OFF buzzer by the switch on side of case.
EMC Compliance	Comply with EN12015,EN12016

