

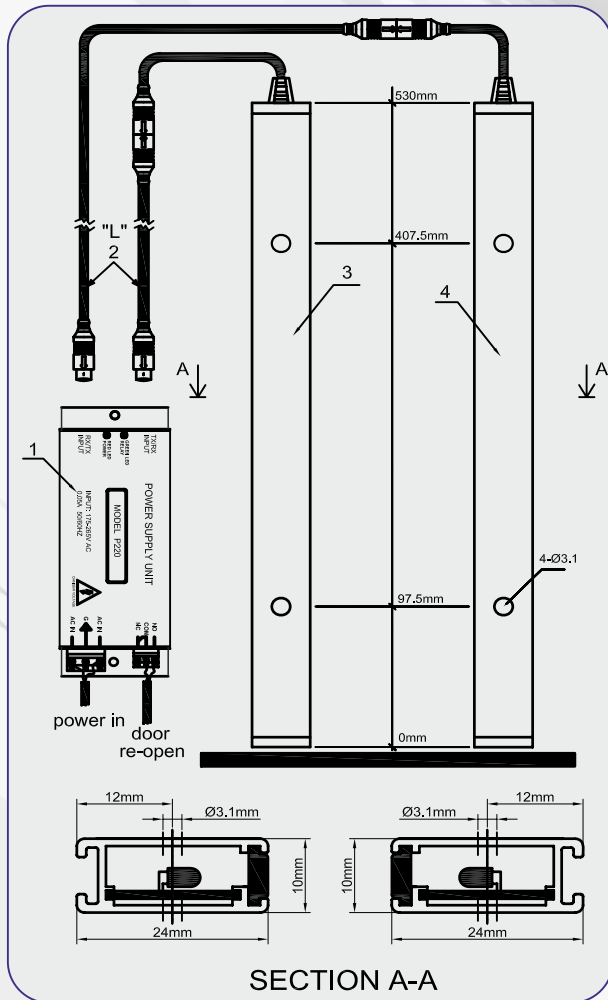


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DOOR DETECTOR (Safety Light Curtain)

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 ² /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

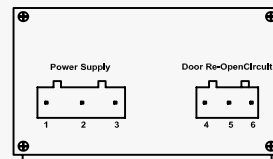


Fig 1: Power Supply unit side view
1: L 4: NC
2: E 5: COM
3: N 6: NO

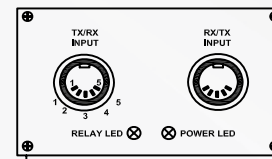
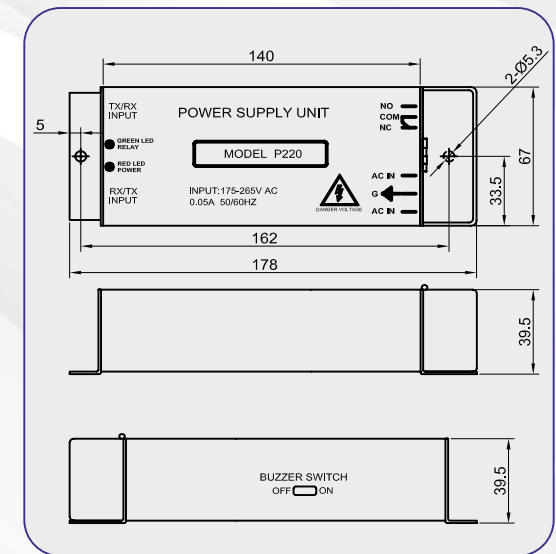


Fig 2: Power Supply unit side view
1: Blue-0V 4: Yellow - Trig
2: Green-Link 5: Shielding wire
3: Red - +12 VDC

Specification of power supply unit

Model	P220
Size	178mm (L) X 67mm(W) X 39.5mm(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





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DOOR DETECTOR (Safety Light Curtain)

Model : E-1000

Technical Specification

Dimension	9mm X24mmX1000mm
Numbers of infra-red beams	46 Non-Parallel
Nos of Diodes	16
Scan Mode	3 Ways
Response Time	40ms
Diodes Spacing	59mm
Operating Range	0-3000mm
Vertical MountingTolerance	± 15mm
Horizontal MountingTolerance	± 5mm
Power Consumption	3 Watt
Light immunity	>50000LUX
Bottom beamsdistance to grounds	<25mm
Connection Flexible Cables	3500mm X 2 (Super Strong Flexible cables)
System Indicators	Normal /Interrupted/Faulty.
LED Indicators	Green LED-Power Indicator & Red LED Status Indicators
OperatingTemperature Range	-20°C,to +60°C,
StorageTemperature Range	- 20°C,to +85°C
IP Rate	IP51
Isolation	> 1500 V

Power Supply Unit

Dimension	60W mm X 45H mm X 180mmL L
Operating Voltage	230VAC,±15%, 50Hz
Output Relay Capacity	1 NO + 1NC (AC220V, 1A, or DC 24V, 1A)
Power Consumption	3VA
Enclosure	Steel Car Top Box.
Power Indication	GREEN LED
Status Indicators	RED LED

MATERIAL COMES WITH FOLLOWING ACCESSORIES

Sr. No.	ITEM	QTY
01.	Power Supply Control Unit	01Pcs.
02.	Transmitter	01Pcs.
03.	Receiver	01Pcs.
04.	User Manual	01Copy.
05.	Mounting Accessories	01Set.

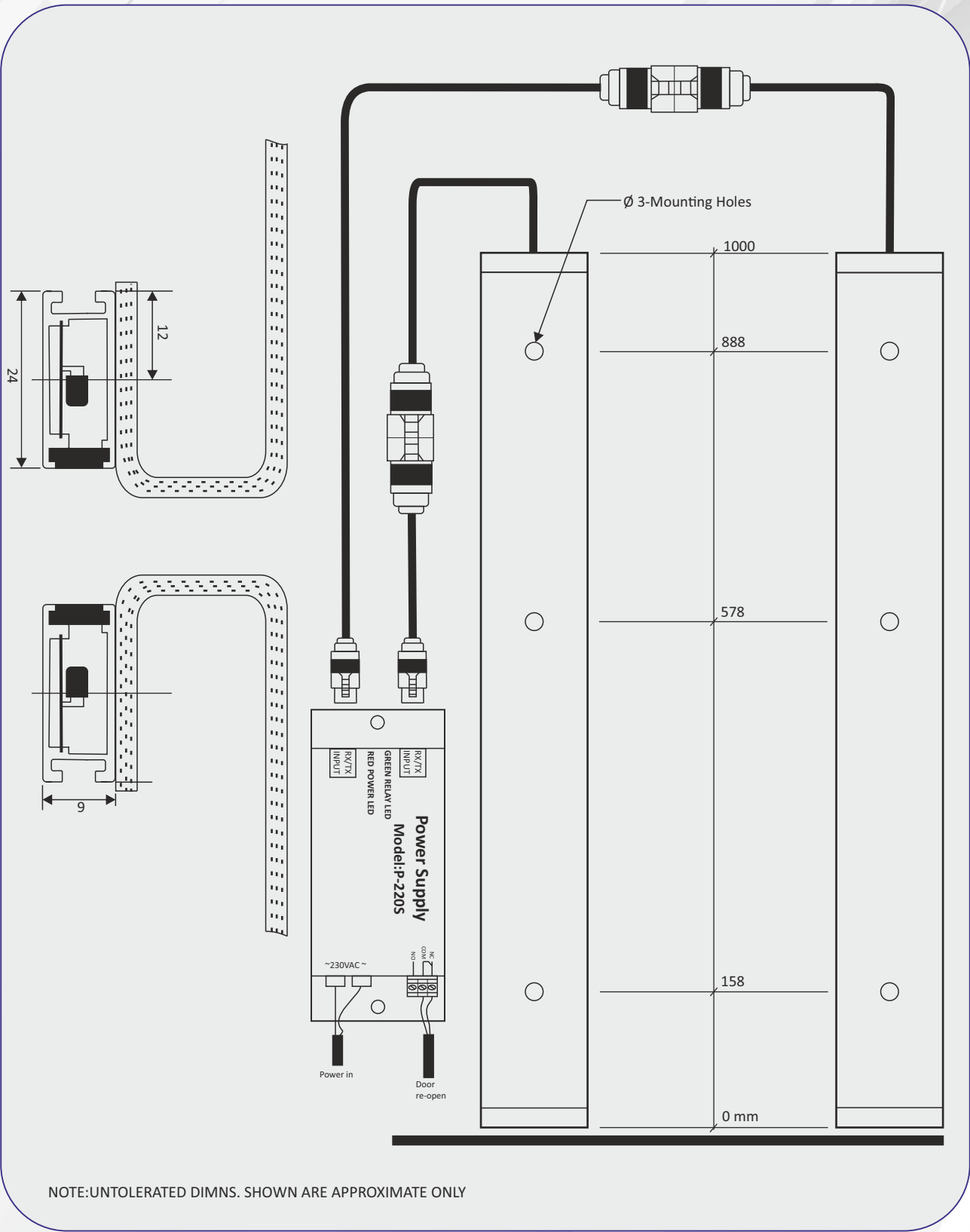


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DOOR DETECTOR (Safety Light Curtain)

Model : E-1000

DIMENSIONAL DRAWINGS



NOTE: UNTOLERATED DIMNS. SHOWN ARE APPROXIMATE ONLY