

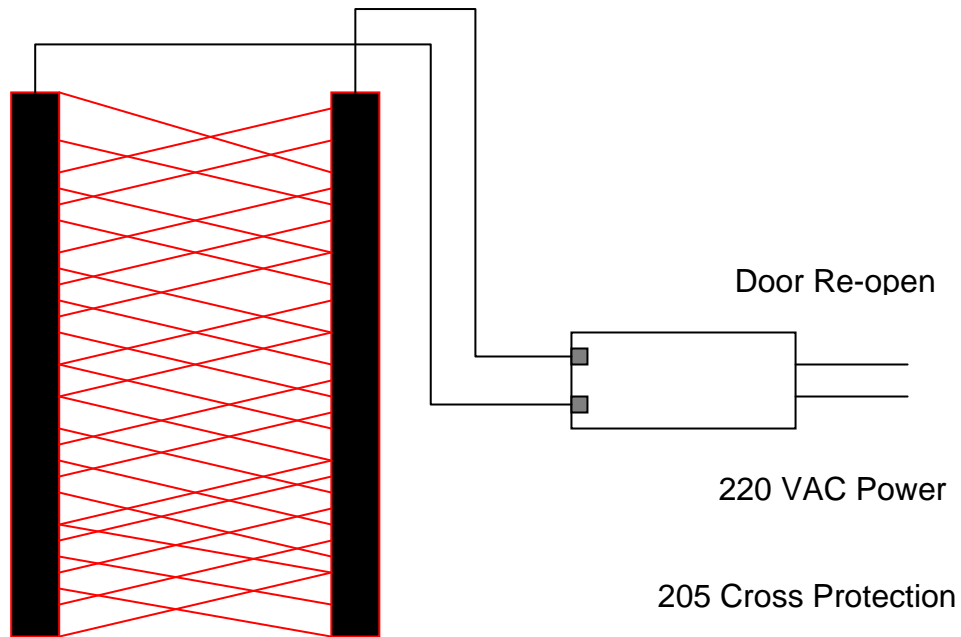
KIT DATA SHEET

ELECTRONIC SAFETY EDGE

CODE: CL1672/R

M4 x 25mm Hex Head Set Screw	16
M4 Washers	16
M4 Nuts	16
M4 Springs	16
No.6 x 1" Self Tapping Screws	40
20mm Nylon Glands	4
2 Meters of Double Sided Tape	2
Tie Wraps	40
P-Clips	20
M3 Drill Bit	1
M4 Drill Bit	1
13 AMP Spur Unit	1
Slam Fixing Plates	8

PRODUCT SPECIFICATION



Elevator Door Detector	CL1672/R
Detector Size	10.2mm x 30mm x 2000mm
Range	0mm to 4000mm
Number Of Beams	205
Number of Diodes Per Detector	32
Supply Voltage	220VAC with Red power indicator.
Output	Relay Contact (6A), N/C and N/O
Tone Signal – 1	Door Close Buzzer – Control Unit - Yes
Tone Signal – 2	Safety Edge Blocked Buzzer – Flashing Indicator on RX - Yes
Indicators	Red Static Power LED on RX and TX Beam interrupt signal on RX
Light Immunity	50,000 – 80,000 Lux
Automatic Beam Cancelling	Up to 8 beams automatically
Fail Safe System	Yes
Comply with EN81-70	Yes



Elevator Equipment Limited

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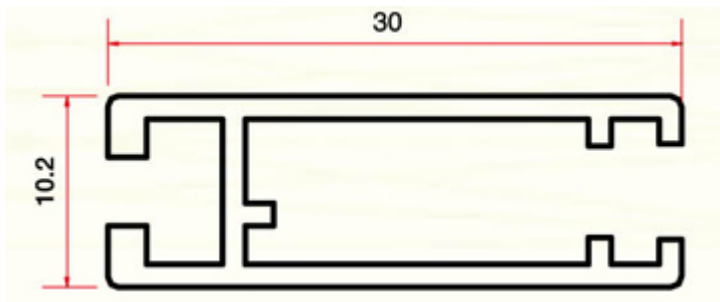
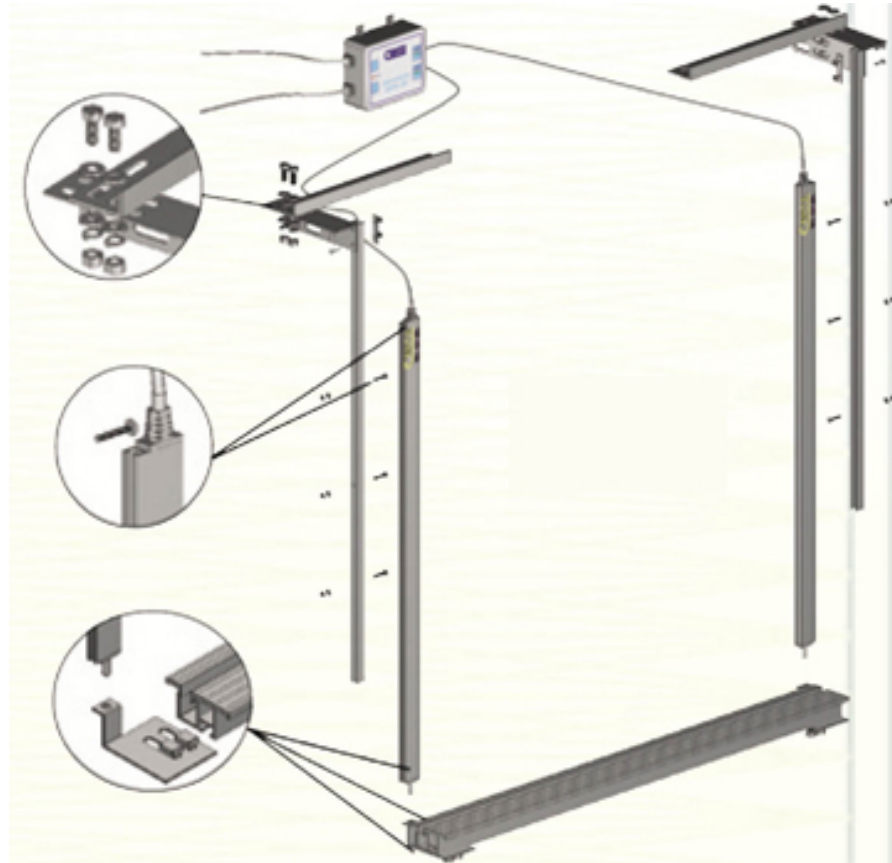
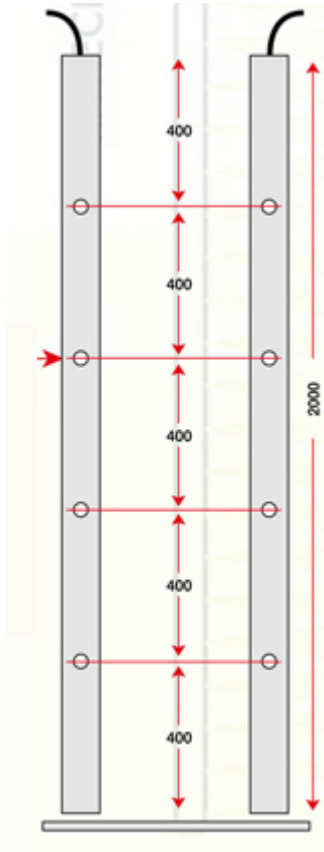
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SAFETY EDGE DRAWINGS



CONTROLLER DETAILS

Introduction:

The safety edge detectors are designed to be fitted on the leading edge or rear mounted. The detectors should be mounted approximately 5mm above the car sill.

Normal Operation:

Red LED power light on in control box.

Red static LED power lights on both TX and RX.

SW1 switch, Position number 2, Buzzer on or off.

SW1 switch, Position number 1, set to Normally Closed – Fail Safe Activated.

SW2 switch, Position Number 2, none activated switch.

SW2 switch, Position 1, set to Normally Closed – Fail Safe Activated

When the lift doors are closing and the safety edge have been triggered a flashing Red LED will indicator on RX.

Should the lift doors be obstructed a warning tone will indicate after 15 seconds with a flashing LED on RX.

CONTROLLER DETAILS

Fault Finding

No Power LED Light in Control Box – Check power supply and correct connection.

No Power LED on TX – Check plug connection and controller wiring.

No Power LED on RX – Check plug connection and controller wiring.

Flashing LED on RX – Safety Edges beam triggered.

Flashing LED on RX with Safety Edge intermittent tone on – Remove fixed obstruction. Check safety edge wiring.

Please note – Remove all old photo cells and reflectors before installation.

