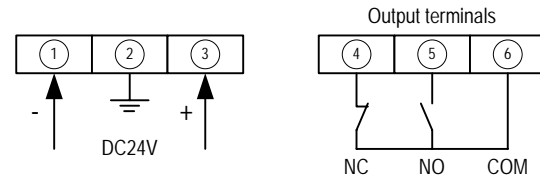


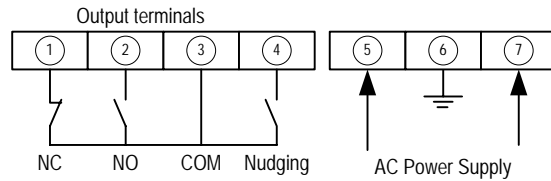
DC Power Unit

PWS-24	DC24V±20%,3W
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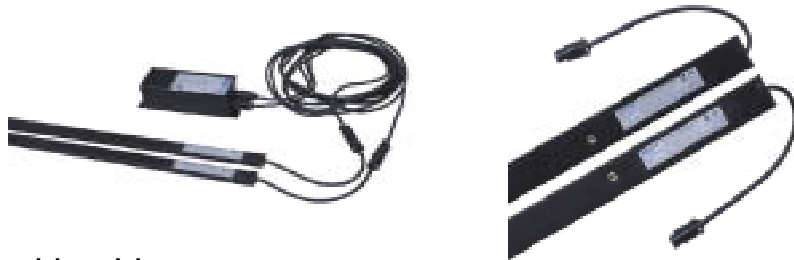
AC Power Unit

PWS-220	AC220V±15%,50Hz,3W
PWS-120	AC120V±15%,60Hz,3W



Buzzer Functions for AC power unit

SW1	Buzzer functions	ON	Buzzer ON	OFF	Buzzer OFF
SW2	Buzzer delay	ON	Delay 45s	OFF	Delay 60s
SW3	Buzzer Active	ON	Infinite	OFF	60s
SW4	Buzzer setting	ON	Intermittent	OFF	Constant



Packing List

	Items	Quantity	Mounting Accessories	
1	Power Unit	1 pieces	• Nylon ties	10 pieces
2	Cable (3.5m)	2 cables	• 25mm*25mm Cable Clips	6 pieces
3	Transmitter	1 piece	• M3 spring washers	10 pieces
4	Receiver	1 piece	• M3*25mm Screws	10 pieces
5	Operation Manual	1 copy	• M3 nut	10 pieces
6	Mounting Accessories	1 set	• M4 Plastic Washers	10 pieces

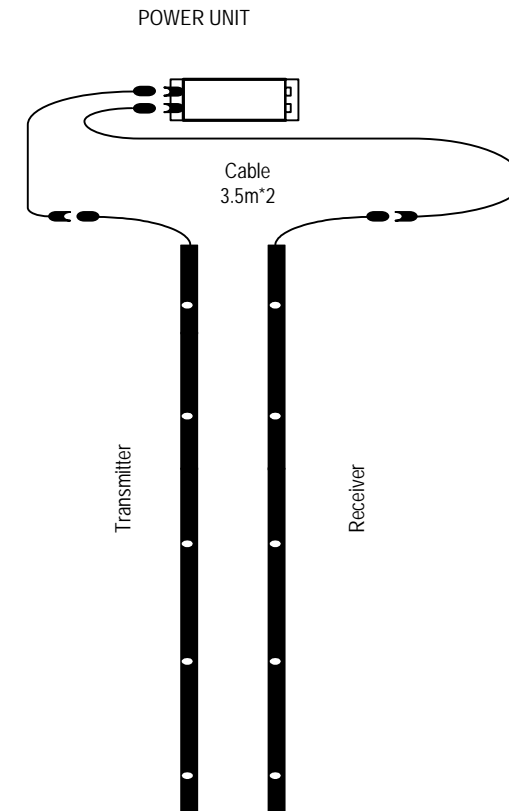
Please check if anything missed from packing list

Contents may differ according to customers' special requirements

WECO917

Infra-red door-detector

WECO®



Operation Manual

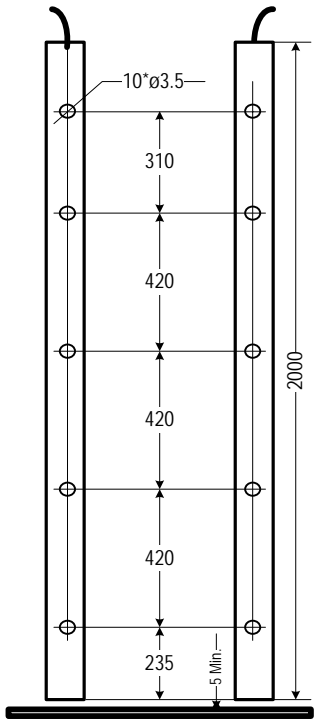


Attention

Please read this manual carefully before installation and keep it for future reference

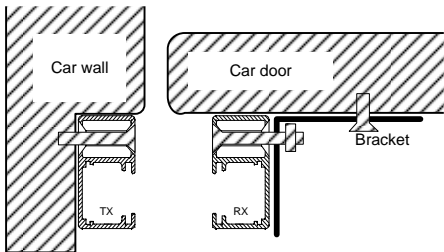
Manufactured under ISO 9001

Installation

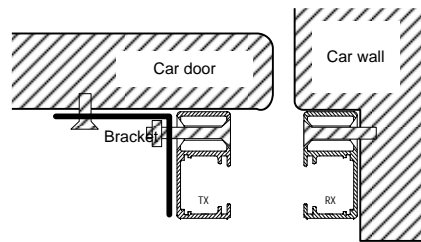


- 1) Securely fix the transmitter and receiver to the car/car doors through the fixing holes with the bolts provided
Both TX & RX should be about 5mm above the door sill
- 2) Ensure both the receiver and transmitter at the same level
- 3) Fix the power unit on the car top
Ensure the steel cover is grounded
- 4) Connect power supply and output signals as shown on page 4
- 5) Connect cables from receiver and transmitter to power unit
Ensure both cables are correctly held without tight bends, not stressed or stretched as the doors move
Lock both sides of the intermediate connectors
- 6) Switch on the power
Green LED in the receiver is lit
Red LED in the receiver is lit when light beams are interrupted

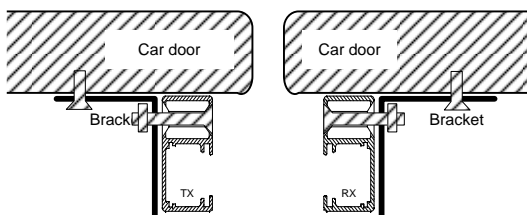
WECO917P Right Side Opening



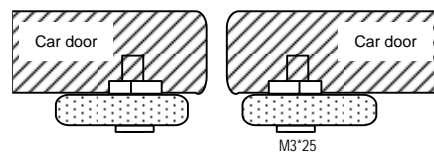
WECO917P Left Side Opening



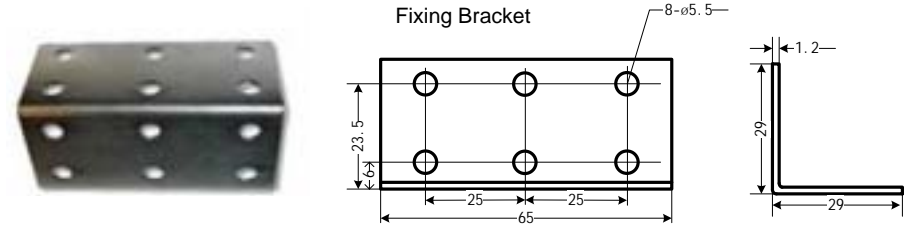
WECO917P Central Opening



WECO917B / Q Central Opening



Brackets for WECO917P



Trouble Shooting

Fault	Possible Causes
No LED in the receiver is lit	Cable is not connected or broken
Door detector works , Red LED is FAST FLASHING	Min.1 diode is broken. System is redundancy mode, need to repair.
Both Green & Red LED are lit without interruption between RX & TX	1)Plastic filter is too dirty 2)Other infrared equipment nearby 3)Light is stronger than allowed Ambient 4)System fault
LEDs are lit correctly when interrupted, but car door doesn't open	1)Wrong connection with NC/NO contacts 2)Output relay is broken 3)Check the wires
Green LED in power unit is not lit	1)Power supply wires broken or not connected 2)Wrong connection (check connection to terminals 4 and 6) 3)Terminal connection is too loose 4)Power unit is broken, need to change

Note

Keep connection cables away from high voltage and/or high current wires
Keep connection cables away from door motor and door drive

Avoid sunlight go directly into the receiver RX.

Avoid other Infrared light sources go into the receiver RX

Clean the front surface with a soft towel. It could be dry or slightly moist, but not wet.

Do not scratch the front surface to damage the infrared light lens

Do not bend the TX & RX edges