



WECO

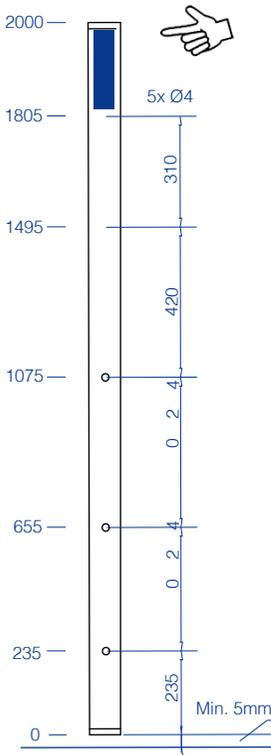
User Manual

Door detector G5 Series
with power supply



Manufactured under ISO 9001

Version UM.G5.PWS.17C



1.1) Securely fix the transmitter and receiver to the car/car doors through the fixing holes with the bolts provided, ensuring that the labels are pointing outwards.

INFO Please consult us about our range of fixing brackets and clips.

1.2) Ensure both the receiver and transmitter are at the same level.

1.3) Fix the power supply on the car top. Ensure the steel cover is grounded.

1.4) Power supply connected to INPUT terminal. Output signals connected to OUTPUT terminals.

1.5) Connect cables from receiver and transmitter to power supply.

Ensure both cables can be easily and smoothly bent.

Lock tightly both sides of the intermediate connectors.

1.6) Switch on the power.

Yellow LED in the receiver is lit.

Red LED in the receiver is lit when light beams are interrupted.

2. Notes on handling

Keep connection cables away from high voltage and high current wires.

Keep connection cables away from door motor and door drive.

Avoid direct sunlight or other infrared ingress to the receiver (RX).

Prior to power-on, clean the lenses with a soft, moist (not wet) cloth.

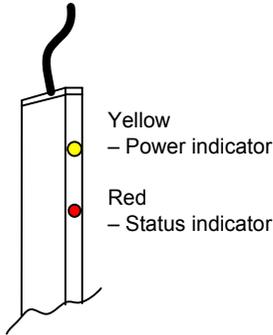
Do not bend or twist the edges and do not scratch the lenses.

Planned Maintenance Procedure

Ensure the yellow LED is lit (system functioning), then clean the lenses with a soft, moist (not wet) cloth. Check all the plug and terminal connections.

Perform a detection test by inserting an object greater than 50mm between TX and RX. The red LED status indicator will light up to confirm object detection.

3. Troubleshooting



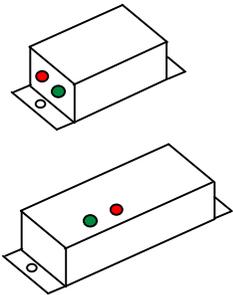
LEDs in RX

3.1) No LED in the receiver is lit.
Cable is broken or not connected.

3.2) Both yellow and red LEDs are lit without interruption between RX and TX.
*Plastic filter is too dirty.
Other infrared equipment is nearby.
Ambient light is stronger than allowed.
There is a system fault.*

3.3) LEDs are lit correctly when interrupted,
But the car door doesn't open.
*Wrong connection with NC/NO contacts.
Output relay is broken.
Check the wiring.*

3.4) Green LED in power unit is not lit.
*Power supply wires are broken
or incorrectly connected.
Terminal connection is too loose.
Power supply is broken, and needs to be replaced.*

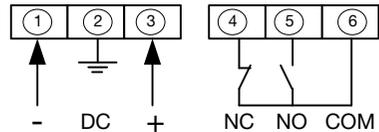


LEDs in PWS

4. Power supply unit

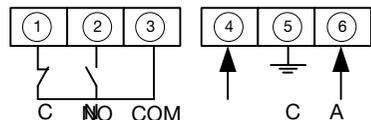
DC3

Model No.	03.G5.PWS.DC3.24
Input Voltage	15VDC - 30VDC, 3w



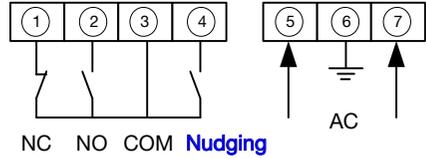
KAP

Model No.	03.G5.PWS.KAP.110
Input Voltage	110VAC±15%, 50/60Hz, 3w
Model No.	03.G5.PWS.KAP.230
Input Voltage	220VAC±15%, 50/60Hz, 3w



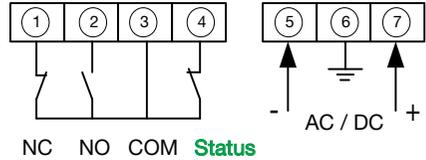
XN5 

Model No.	03.G5.PWS.XN5.230
Input Voltage	220VAC±15%, 50/60Hz, 3w



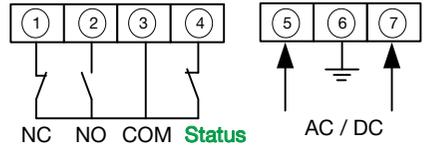
FD2

Model No.	03.G5.PWS.FD2.24
Input Voltage	24VDC±20%, 4w
Model No.	03.G5.PWS.FD2.230
Input Voltage	220VAC±15%, 50/60Hz, 3w



FED 

Model No.	03.G5.PWS.FED.24
Input Voltage	24VDC±20%, 4w
Model No.	03.G5.PWS.FED.230
Input Voltage	220VAC±15%, 50/60Hz, 4w



5. Buzzer Function for XN5 / FED 

SW1	Buzzer functions	ON	Buzzer on	OFF	Buzzer off
SW2	Buzzer delay	ON	Delay 20s	OFF	Delay 30s
SW3	Buzzer active	ON	Infinite	OFF	60s
SW4	Buzzer setting	ON	Intermittent	OFF	Constant

6. Packing List

	Items	Quantity		Items	Quantity
1	Power supply	1 piece	4	Receiver	1 piece
2	Cable	2 cables	5	Operation manual	1 copy
3	Transmitter	1 piece	6	Mounting accessories	1 set

Please check if anything is missing from the packing list.

Contents may differ slightly according to customers' specific requirements.