



DOOR DETECTOR YOP SERIES

03.G5.YOP.194

USER MANUAL

WECO

Version UM.G5.YOP.23T.V1



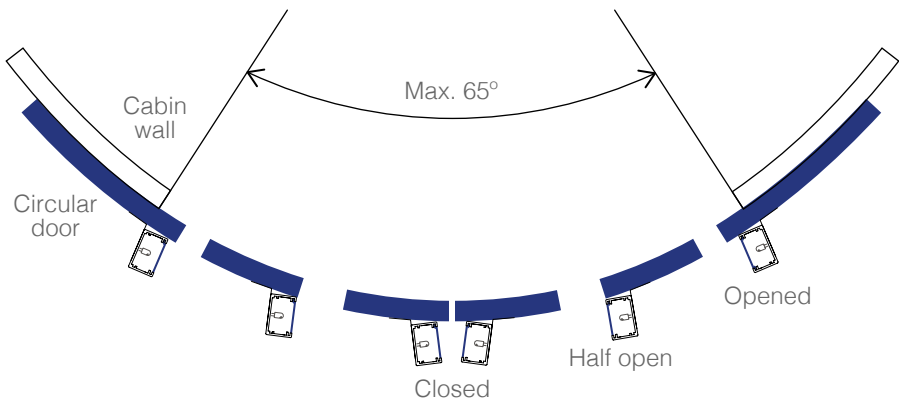
Manufactured under ISO 9001

INSTALLATION INSTRUCTIONS

YOP door detectors are designed for dynamic installation on the leading edge of circular lift doors.

1. Before installation, make sure that the circular door angle is not greater than 65°.
2. Securely fix the transmitter and receiver to the circular doors through the fixing holes with the bolts provided.
3. Ensure that both the receiver and the transmitter are at the same level.
4. Fix the power supply box on the car top. Ensure that the steel cover is grounded, where supplied.
5. Connect the power supply to the voltage input terminals of the power supply box. Connect the output signals to the output terminals of the power supply box.
6. Connect the cables from the receiver and the transmitter to the power supply box. Ensure that both cables can be easily and smoothly bent. Tightly lock both sides of the intermediate connectors.
7. Switch on the power.
The yellow LED in the receiver will light up.
The red LED in the receiver will light up when the light beams are interrupted.

DOOR AND DOOR DETECTOR POSITION



Dynamic installation only

When the car doors are half closed the door detectors will directly face each other. At the beginning and the end of the cycle the door detectors will be off centre, due to the nature of the installation.



HANDLING NOTES

- Keep connection cables away from high voltage and/or 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, damp cloth.
- Do not bend or twist the edges, and do not scratch the lenses.

PLANNED MAINTENANCE PROCEDURE

- Ensure that the yellow LED is lit (system functioning), then clean the lenses with a soft, damp cloth.
- Check all plug and terminal connections.
- Perform a detection test by inserting an object greater than 50mm between the TX and RX.
- The red LED status indicator will light to confirm object detection.



TROUBLESHOOTING

Neither LED in the receiver is lit.

→ The cable is broken or not connected.

Both the yellow and red LEDs of the door detector are lit without interruption between the RX and TX.

→ The plastic filter is too dirty.
Other infrared equipment is nearby.
The ambient light is stronger than allowed.
There is a system fault.

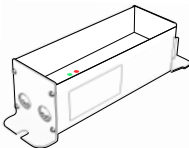
The LEDs of the door detector are lit correctly when interrupted, but the car door doesn't open.

→ Wrong connection with NC/NO contacts.
The output relay is broken.
Check the wiring.

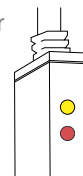
The green LED in the power supply is not lit.

→ The power supply wires are broken or incorrectly connected.
The terminal connection is too loose.
The power supply is broken and needs to be replaced.

Power Supply LEDs



Door Detector LEDs in RX

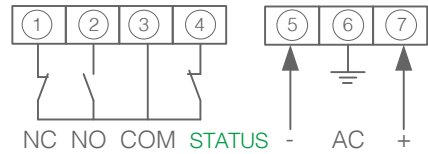


Yellow
Power indicator
Red
Status indicator

POWER SUPPLY

03.G5.PWS.FED 

MODEL	03.G5.PWS.FED.230
VOLTAGE	AC220V±15%,50/60Hz,4W



Buzzer function 

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

PACKING LIST

ITEMS	QTY
Power supply	1 piece
Cables	2 cables
Transmitter (TX)	1 piece
Receiver (RX)	1 piece
Operation manual	1 copy
Mounting accessories	1 set



Please check the contents against the packing list to ensure that nothing is missing.

Contents may vary slightly according to the customers specific requirements.