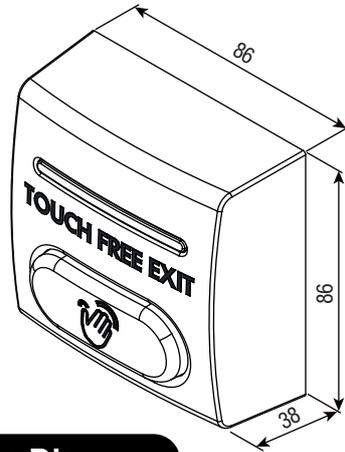


# RTS Series Wave Sense Infrared Exit Devices

## RTS-900

### Installation Instructions

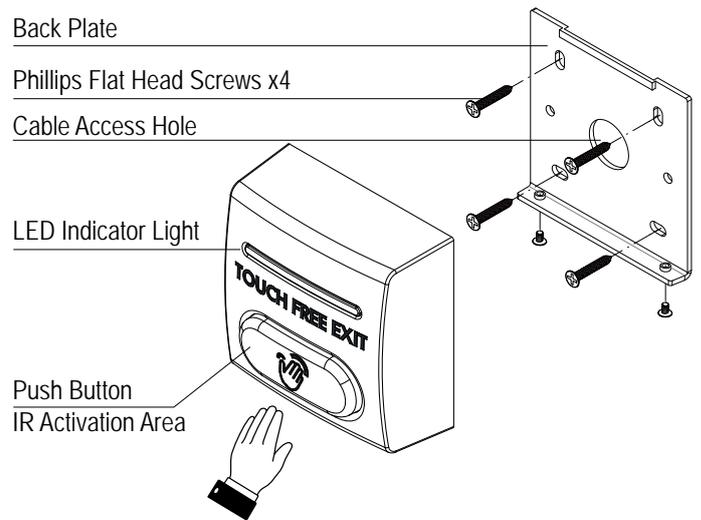


Unit: mm

#### Specifications

- Operating Voltage: 12-24VDC
- Current Draw: Pull in 40mA/12VDC; Holding 30mA/12VDC  
Pull in 60mA/24VDC; Holding 40mA/24VDC
- Contact Rating: 1A/30VDC max.
- Operating Temperature: -10~+70°C
- Ambient Humidity: 5-95%
- Dual LED, illuminated sensor indicates status: Standby (Red), Active (Green)
- Sensor Range: 5-7 cm (Fixed)
- Adjustable Output Time : 1 ~ 60 seconds(±10%)
- Faceplate Finish: Plastic ABS

#### Installation Diagram



#### Wiring Diagram

##### Note:

1. Make sure that the power input and relay rating output (1A/30VDC) are correct.
2. Make sure that the "+" and "-" wires are connected correctly.
3. The door strike or relay must have a varistor or a diode across the door strike terminals to suppress the back EMF of the strike. Failure to do so will damage the relay contacts and electronic components, or even burn the controller.

It includes one pair of NO and NC output contacts, which can directly connect to a locking device or connect in parallel or series with access control systems. Please refer to the diagram below.

