# Quick Start Guide

Touchless Exit Button TLEB101-R&TLEB102-R

Version: 1.0

1. Features & Application

1. Touchless exit button (Diffused detection).
2. Optical/Infrared technology.
3. IP55 ingress protection/SUS 304 stainless steel plate.
4. Health and safety risks mitigating.
5. Detection distance: 10 to 25 cm.
6. Application: Gate/Door/Exit/Automation.
7. High capacity of dry contact relay: 3A/AC120V, DC30V.
8. Two LED indicators representing two button states - standby or approached:
   - Button standby: Blue LED ON.
   - Visitors approaching the exit button from 10cm: Red LED ON.
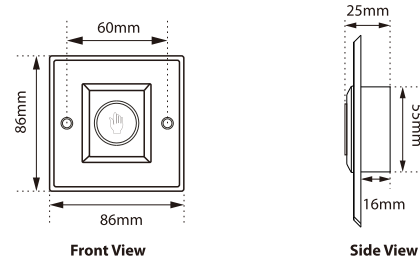
2. What's inside the box?

TLEB101-R   or   **TLEB102-R**   **Screws**
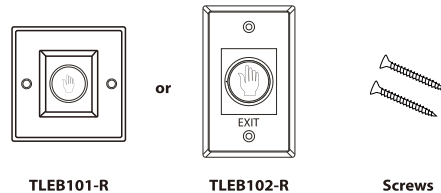
Note: TLEB101-R and TLEB102-R use the same type of screws.

3. Specifications

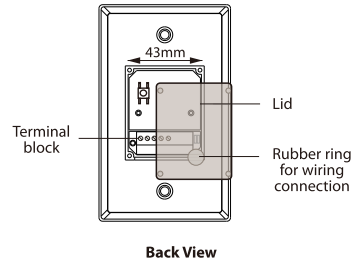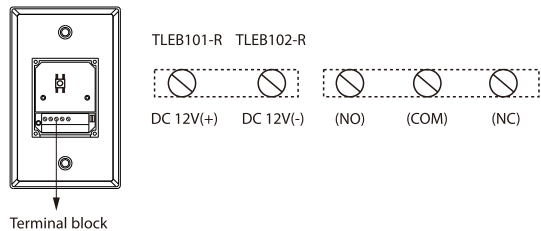|	
Contact rating	3A/AC120V, DC30V
Input volt	DC 12V
Working temperature	-10°C to 55°C
MCBF	100,000
Main material	Durable stainless steel plate
Dimensions (W*H*D)	86*86*25mm (TLEB101-R) 70*115*25mm (TLEB102-R)
Gross weight	0.15kg

4. Appearance & Dimensions
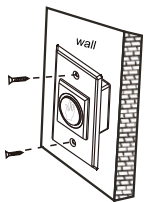
TLEB101-R:

Front View   Side View

TLEB102-R:

SUS 304 stainless material
Lens holder
Lens
Round shape LED indicators

Front View   Side View

Terminal block
Lid
Rubber ring for wiring connection
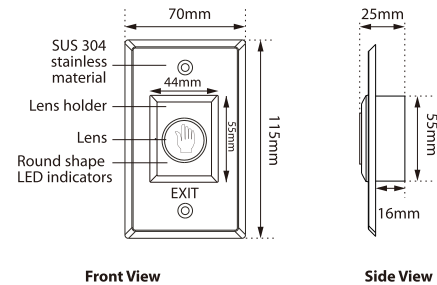
Back View

5. Wiring Connection

Terminal block

TLEB101-R   TLEB102-R

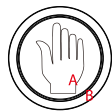DC 12V(+)   DC 12V(-)   (NO)   (COM)   (NC)
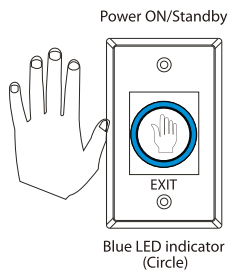
6. Installation

wall

7. Sensing Range

10cm
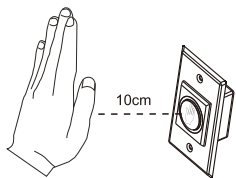
8. LED Indicators

A: Black plastic Lens
B: Round shape LED indicator

Power OFF

EXIT

White
(Circle)

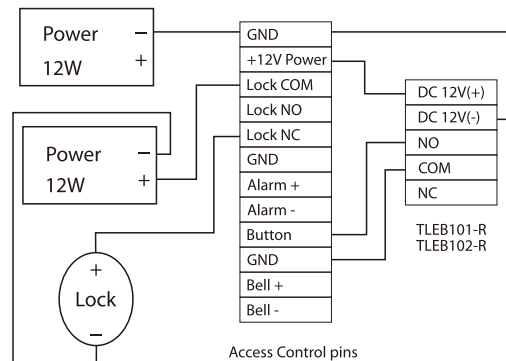Power ON/Standby

EXIT

Blue LED indicator
(Circle)

Power ON/Sensation

EXIT

Red LED indicator
(Circle)
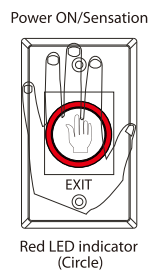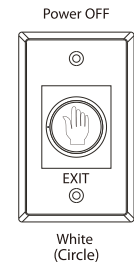
9. Wiring Diagram

The following wiring diagram shows how to connect the touchless exit button to an access control device.

Power 12W

Power 12W

Lock

| GND |
| +12V Power |
| Lock COM |
| Lock NO |
| Lock NC |
| GND |
| Alarm + |
| Alarm - |
| Button |
| GND |
| Bell + |
| Bell - |

| DC 12V(+) |
| DC 12V(-) |
| NO |
| COM |
| NC |

TLEB101-R
TLEB102-R

Access Control pins