

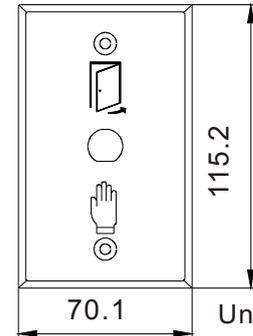
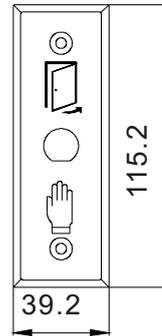
Please read the manual before use and keep for future reference

CE RoHS



NEITB25W

NEITB68W



Unit : mm

※Please make sure no object(including the protection stickers) is blocking the infrared sensing panel before use.

Features:

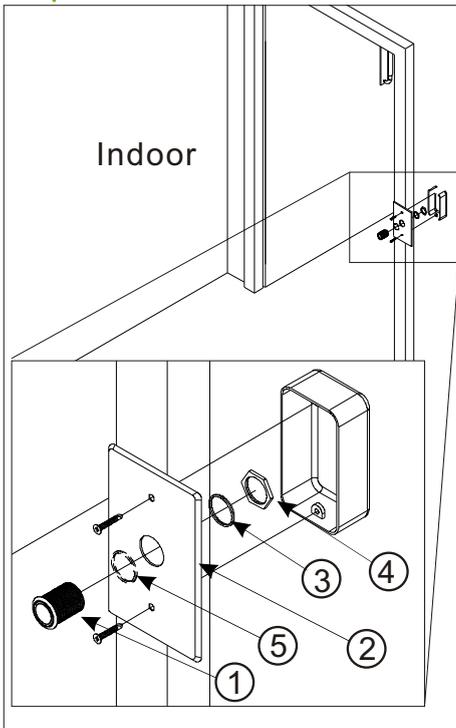
- Activated through Infrared Touchless Sensor. It is suitable for access control systems that are widely used in public areas such as hospitals or restaurants. It can also be used as an auto-control detection.
- Built-in micro-controller with power on self testing function.
- Specially designed to prevent any interference from other infra-red.
- Double colour status light, adjustable proximity range.
- Door opening time is able to set trigger state (0.5~30sec) or toggle mode output
- Operating temperature: -10°C ~ +70°C
- Sealing protection Infrared Button - IP65
- Infrared proximity has a total lifespan of 100,000 hours. Relay has a total lifespan of 1,000,000 times.

Specification:

	NEITB25W	NEITB68W	Note
Power input	DC12V~DC24V		±10%
Range	4~15CM(±25%)		Note1
Output Loading	1A@DC30V(Max.)		
Output State	Trigger state (0.5~30sec) or toggle mode output		
Life Time	Infrared sensor:100,000 hours / Relay mechanical lifespan:1,000,000		
Indicator	Standby RED ; Proximity GREEN Colour of indicator light is adjustable	Standby : RED ; Proximity : GREEN Colour of indicator light is adjustable	
Case	Stainless Steel	Stainless Steel	
Current Consumption	Maximum current 35mA	Maximum current 45mA	DC 24V
Dimensions	Ø 22mm	Ø 38mm	
Weight	24.5g	50g	

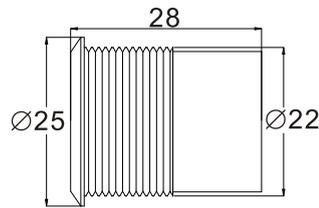
*Note1: Different materials have a different reflective rate. The value of the chart is based on the test of 18% neutral gray card.

Components :

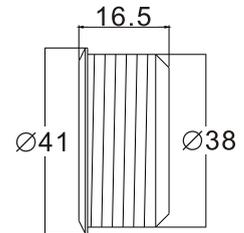


① Sensor ② Panel ③ O-ring ④ Nut

Note: Please insert the waterproof washer under the infrared receiver and then place it into the lock template to enhance its waterproof effect. For example ⑤.



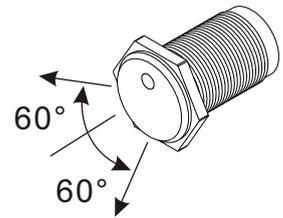
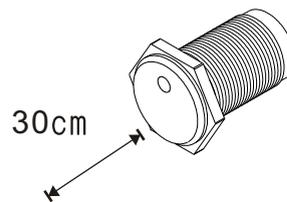
NEITB25W Button



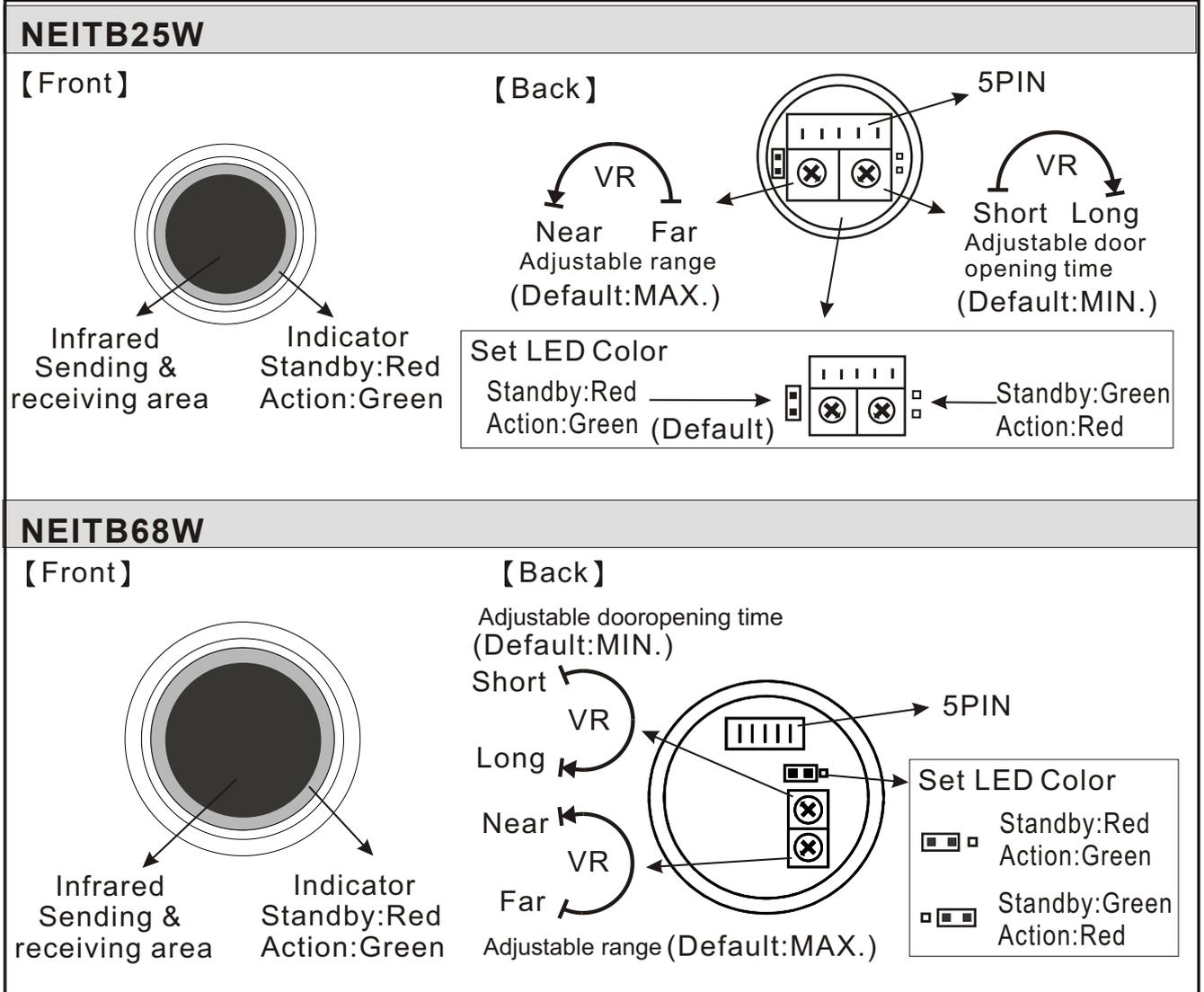
NEITB68W Button

Please note!!

In order to ensure the operation of the infrared switch, please make sure no objects or any obstacles are within 30cm or 60° on the left and right of the front panel of the switch to avoid any interference.



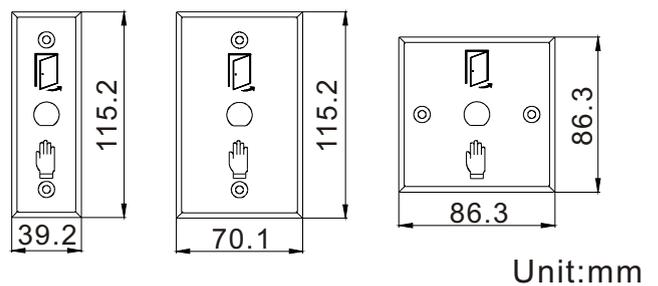
Panel and Connections:



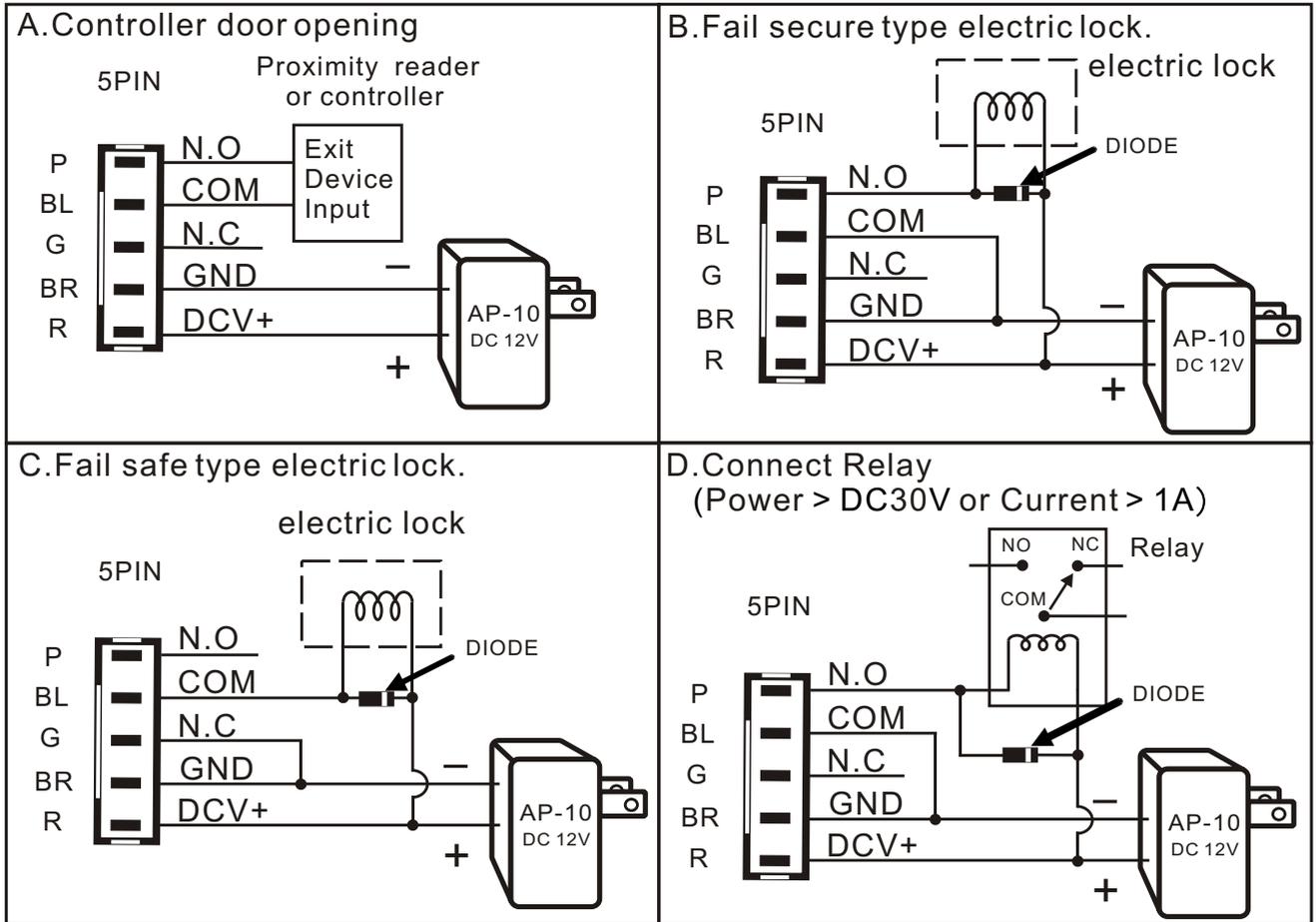
5-PIN :

P		Door control relay. (N.O.)
BL		Door control relay. (COM)
G		Door control relay. (N.C.)
BR		GND
R		DC+12V~24V

Panel size:



Example of Connections:



**Please connect to diode when the control terminal is loading in order to absorb surge to prevent damage to the sensor.*

Troubleshooting

Q: Always on action mode (indicator light does not change).

- A: 1. Please wipe the surface clean such as oil stain, liquid drops or marks and remove any objects in front of the sensor that may interfere with its proximity range.
2. Please adjust the proximity distance. A shorter the distance may avoid interference.
3. Please check the voltage. Lower voltage may shorten the proximity distance or cause the switch to be unable to function.
4. Please check the delay setting time. If it is being set as too long or Toggle mode, it might affect its operation.

Q: Proximity failed even the infrared switch's power light is on.

- A: 1. Please adjust the proximity distance to check if it is too short.
2. Please check the current (12V~24V). The switch is unable to function if the voltage is incorrect.

Precautions:

- Before applying power, please check the voltage and polarity of the power supply in order to avoid the wrong connection, causing damage to the reader.
- Please make sure no object (including the protection stickers) is blocking the infrared sensing panel before use.
- Installation or modification to the system must be carried out by a qualified person.
- Self testing function: Green light on for one second and no action from Relay.
Red light on to complete power on self testing.

Warranty

Neptune Security Products warrants that this product to be free from defects in materials and workmanship for a period of one (1) year from date of purchase. In the event of failure, Neptune Security Products will replace or repair the product at its sole discretion, and will not be responsible for any loss or damages in association with uses of its products. This warranty does not apply in the event of accidental damage and improper use, abuse, misuse, non approved purpose or act of God.