

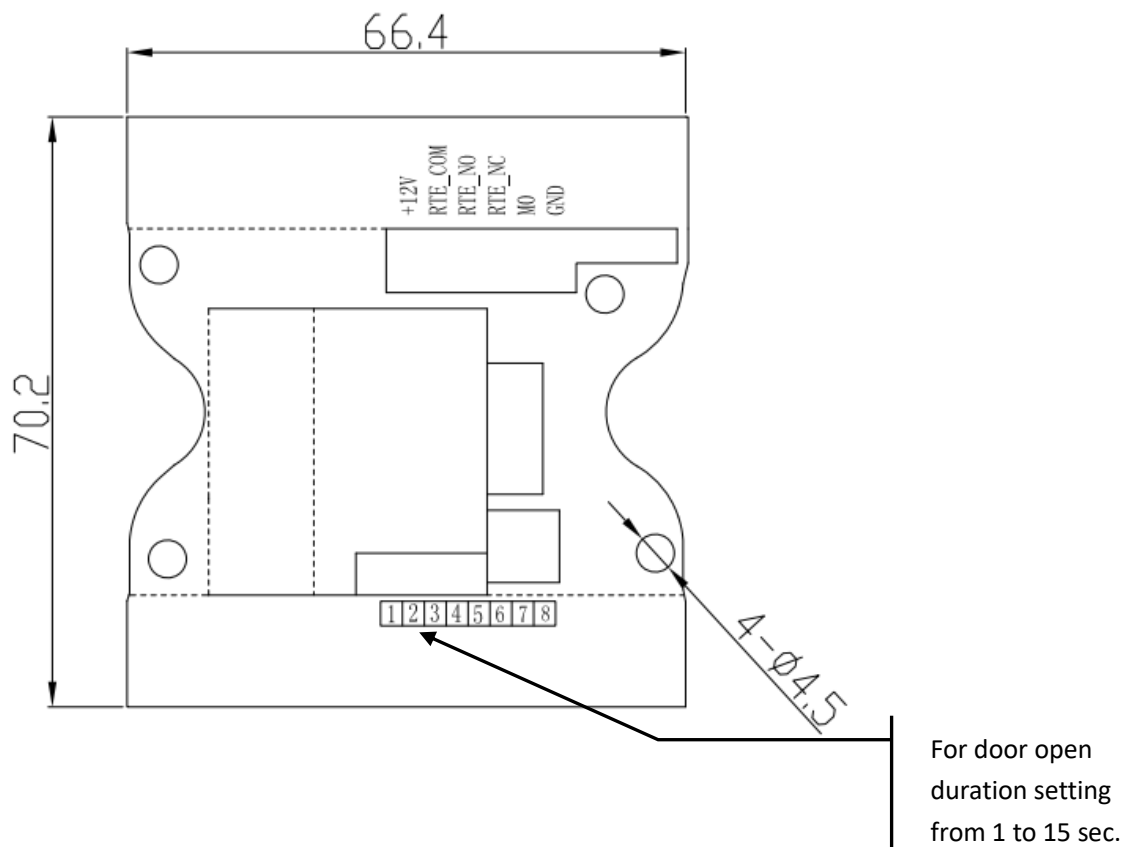
EBC-1 Installation and Operation Manual

EBC-1 is a contactless proximity exit button based on capacitive technology. It is also equipped with a mechanical override function, so in case of a power failure or a fault in the electronic sensor, the user can still activate the button as a normal Exit Button.

Functions:

- Hold your hand near the face of the device to trigger the button. When activated, the relay and buzzer will beep and the light in the face of the device will change to green.
- To adjust the door open duration, please power off the exit button. Change the DIP Switch setting to alter the door open duration from 1 to 15 seconds, and then power it up again.
- Press the face of the device to activate the mechanical override.
- An external device/switch can be connected to trigger the unit remotely.

PCB settings description:



Wiring:

Label	Description
+VDD	Power Input (+12V~+24VDC)
RTE_COM	Exit Button Output (Dry Contact)
RTE_NO	
RTE_NC	
MO	External device to trigger the unit, Active Low
GND	Ground (0 VDC)

DIP Switch Settings:

1	ON	1	No.1,2,3,4 are used for adjusting door open duration. ON = valid OFF = invalid Door open duration = Add all the ON position switch numbers. Example: If #1 and #4 are set to "ON", the door open during will be: 1+0+0+8=9, the total number is 9, the door will open for 9 seconds. *Setting all DIP Switch to OFF position means door open duration = 1 second.
	OFF	0	
2	ON	2	
	OFF	0	
3	ON	4	
	OFF	0	
4	ON	8	
	OFF	0	
5	ON	Buzzer Off	Turn off the buzzer
	OFF	Buzzer On	Turn on the buzzer (default)
6	ON	NA	NA
	OFF	NA	
7	ON	NA	NA
	OFF	NA	
8	ON	Trigger distance (near)	2~3cm
	OFF	Trigger distance (far)	5cm (default)
Note			Power off the unit before changing the DIP switches.

Installation:

- 1) Confirm if the size of installation box fits for the EBC-1 as shown in Fig.1
- 2) Confirm all wirings are in the correct position, then set the jumpers to the right position
- 3) Put the whole module into the installation box and fixed by screw as Fig.2.
- 4) There are 2 M-type buckles at the bottom of the cover as shown in Fig.3. Buckle them into the slot at the bottom of the module and then push the upper part of the cover up as Fig.4

Fig.1

