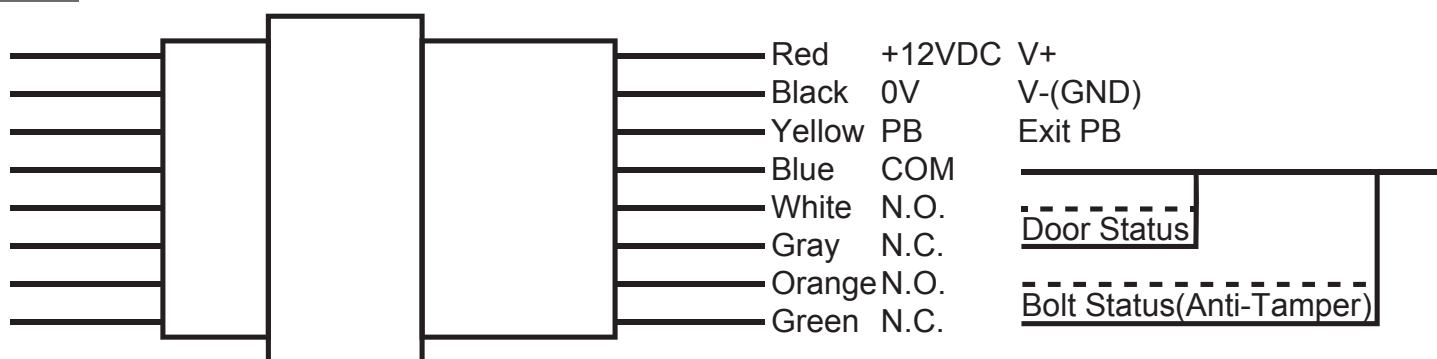# Electric Bolt Lock LK1201B Fail Safe

CE

Feature

The electric bolt lock LK-1201B featured with aluminum alloy housing is able to dissipate the heat effectively. It supports door status sensor and bolt position sensor functions. When the bolt is pried, it will send out alarm signal. One LED indicator will show the bolt position (Red: Unlocked / Green: Locked / Yellow Flashing: Bolt was damaged or pried)

Installation

1. Please note the distance between the lock body and striker plate should NOT over 8mm; otherwise, the bolt might not drop properly.
2. Installation Diagram (Please refer to the next page)
3. Operation delay time: 0 / 3 / 6 / 9 sec. (Default: 3 sec.)

1 2	1 2	1 2	1 2
0 Sec	3 Sec	6 Sec	9 Sec

Wires

Wire	Function	
Red	+12VDC	V+
Black	0V	V-(GND)
Yellow	PB	Exit PB
Blue	COM	
White	N.O.	Door Status
Gray	N.C.	
Orange	N.O.	Bolt Status(Anti-Tamper)
Green	N.C.	

Specification

• Voltage : 12VDC
• Current Draw: Switch on: 900mA / Normal on: 280mA
• Operating Temp : 0~50℃
• Exit PB : Black Wire and Yellow Wire
• Face Plate : LK-1201B : 205L x 32W x 43H (mm) / 1201A-3: 200L x 32W x 43H (mm)
• Bolt : 16mm (Diameter) x 16mm (Throw)
• Striker Plate : 104L x 25.5W x 5H (mm)
• LED Indication

Bolt Status	LED Indicator	Door Status	Alarm Signal
Stand-by	LED lights up Red	off	off
Delay Time Action	LED flashes Red once every 0.5 sec	on	off
Locked Well	LED lights up Green	on	off
Fail to Lock	LED flashes Red once every 0.5 sec	on	off
Keep Locking	LED flashes Red once every 0.5 sec	on	on
Forced Entry (Alarm)	LED flashes Yellow once every 0.5 sec	on	on
Remote Release (Exit PB)	LED lights up Red	off	off

■ Troubleshooting

1. After "Fail to lock", the bolt will enter into "Keep locking" mode and re-lock twice every 5 seconds. Users can push the door in the right position, and the bolt will automatically extend and locked.
2. Please check V(+) and V(-) wiring when LED doesn't light up.
3. If the bolt projects but chatters, please check whether the power supply is less than 1000mA (Voltage too low.)

Mounting Hole (mm)

安裝開孔尺寸圖

180

1201B: 37
1201B-3: 30

Ø 4.5

Ø 21

22

LED

Ø 4.50

32

12   28

1201B: 49
1201B-3: 40

1201B: 205
1201B-3: 200

104

25

Ø 7.9

25.5

19

10

1201B: 31.5
1201B-3: 24.5

1201B: 46.5
1201B-3: 53.5

1201B: 44.5
1201B-3: 37.5

32.5

1201B: 14
1201B-3: 21

1201B: 32
1201B-3: 30

141

1201B: 32
1201B-3: 30

40

LED

1201B: 205
1201B-3: 200