

# 陰極鎖安裝說明書

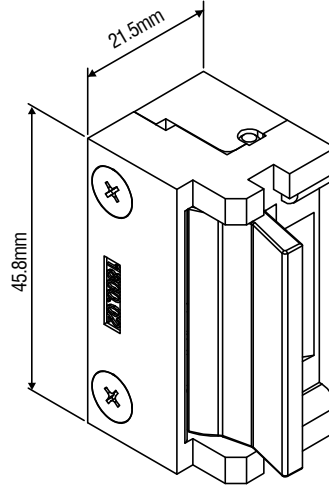
## GK1800系列

GK1800系列陰極鎖專為配合一般斜舌式的機械鎖匣(非方鎖舌)而設計的電鎖。例如: 喇叭鎖、水平手把鎖等。「斷電開門」和「送電開門」操作方式可自行更換。此系列提供多種型號選擇, 適用不同型式鎖匣。

### 規 格

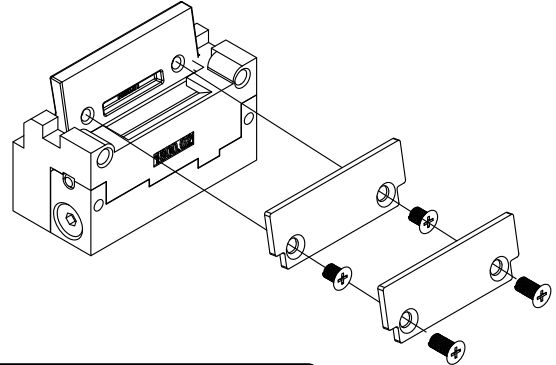
|                    |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| 型號                 | GK1810,GK1820,GK1830,GK1830M,<br>GK1840,GK1850,GK1860,GK1870,<br>GK1880,GK1885 |
| 工作電壓               | 12VDC,24VDC ,12/24VDC                                                          |
| 消耗電流               | 單電壓: 170mA/12VDC,85mA/24VDC<br>雙電壓: 180mA/12VDC,90mA/24VDC                     |
| 環境溫度               | 32°F ~120°F (0°C ~ 49°C)                                                       |
| 相對濕度               | 0% ~ 85%                                                                       |
| 鎖舌長度               | 最長16 mm (含門縫間隙3 mm)                                                            |
| 鎖體深度               | 13 mm                                                                          |
| 受口寬度               | 36 mm                                                                          |
| 鎖舌受口抗壓測試<br>(靜態強度) | 1200磅(550公斤)                                                                   |
| 鎖舌受口動態強度           | 50 英呎-磅                                                                        |
| 電磁閥壽命狀態測試          | 1,000,000 次(廠內測試)                                                              |
| 面板材質               | 不銹鋼(GK1810, GK1850,<br>GK1880, GK1885為鋅合金)                                     |
| 主座材質               | 鋅合金                                                                            |
| 適用門框               | 中空金屬門或疊木門                                                                      |
| 門位狀態訊號             | GK1830M型號有門位訊號                                                                 |

GK1800系列鎖體



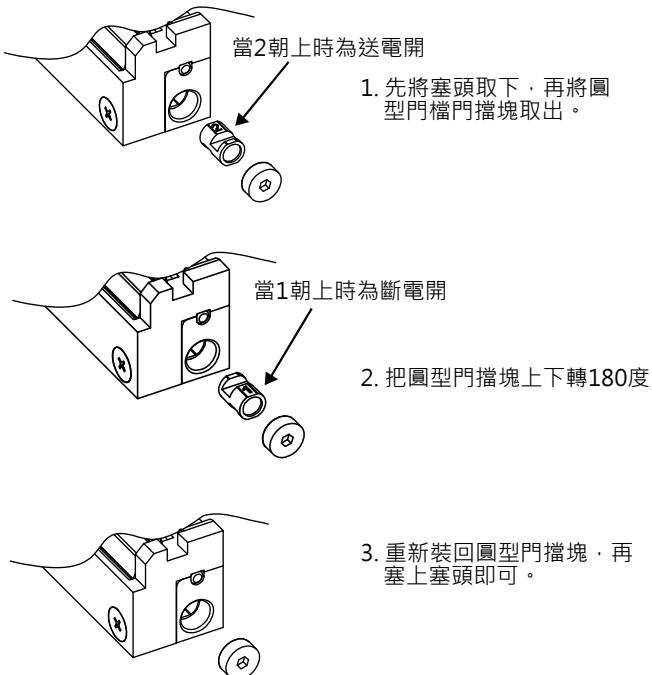
### 墊片安裝圖示

如需要做水平調整, 可增加1或2片墊片  
增加一片需使用規格3x4螺絲  
增加兩片需使用規格3x5螺絲

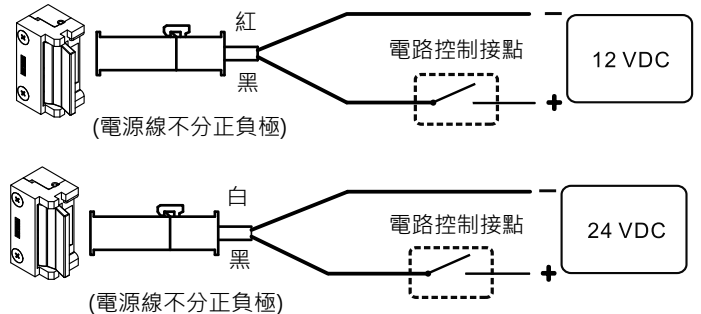


### 如何變更電鎖型式

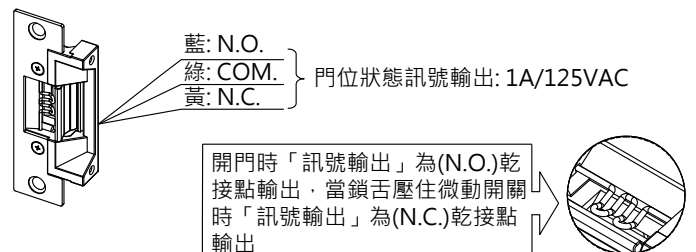
註: 出廠預設為送電開門模式。



### 雙電壓12/24VDC接線圖示

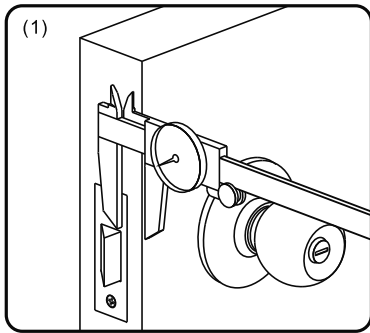


### GK1830M 訊號輸出接線圖示

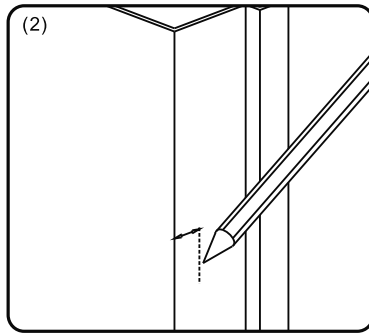


## 安裝步驟

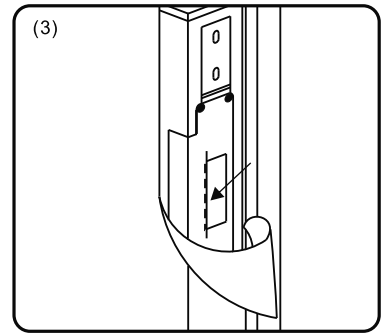
(以下示範型號為GK1830A)



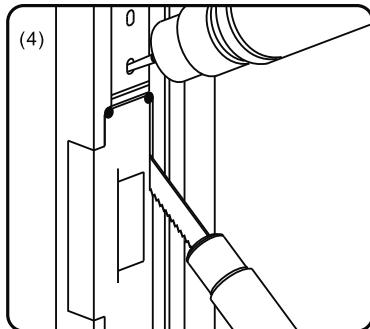
測量機械鎖舌的深度位置



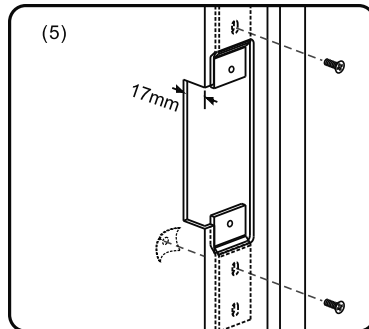
依照機械鎖舌的深度位置在門框處標示



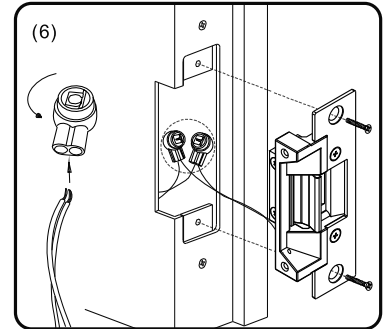
把安裝貼紙鎖槽的位置貼在機械鎖舌的標示位置貼好。(注意: 鎖槽與鎖舌之間需留一隙, 防止鎖槽被鎖舌卡緊而無法開門)



依照貼紙標線範圍切孔、鑽孔注意: 半埋式與全埋式安裝的切孔範圍不同。)



鎖上固定墊片



接上電源線, 固定陰極鎖, 進行測試

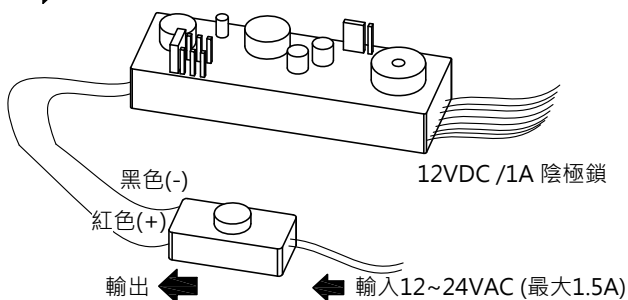
### 注意:

陰極鎖的開門與關門全由電磁閥控制, 電磁鎖作用力極小, 所以鎖槽與鎖舌之間須留一隙, 防止鎖槽鎖舌頂住, 造成鎖槽卡住電磁閥, 電磁閥無法動作而無法開門。

## 選配件 - 電源整流器 SM1224-TBZ

SM1224-TBZ 為帶有開門時間延遲功能及蜂鳴器的電源整流板, 可與門禁系統整合, 並具備計時器與解鎖提示聲, 可自行調整上鎖延遲時間。

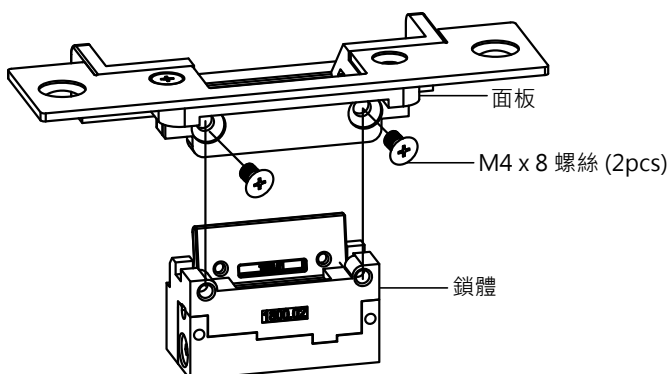
➡ 輸入 12~24VDC



- 輸入電壓: 12 ~ 24VAC/VDC
- 輸出功率: 12VDC / 1A
- 觸發解鎖提示聲, 可自行調整蜂鳴器ON/OFF
- 可自行調整上鎖延遲時間為 5、15、30、60秒
- 輸出指示燈(紅色 LED 燈)
- 輸出過載與短路保護
- 關門後截斷開門延遲多餘時間之安全設計, 防止他人非法尾隨人員進入

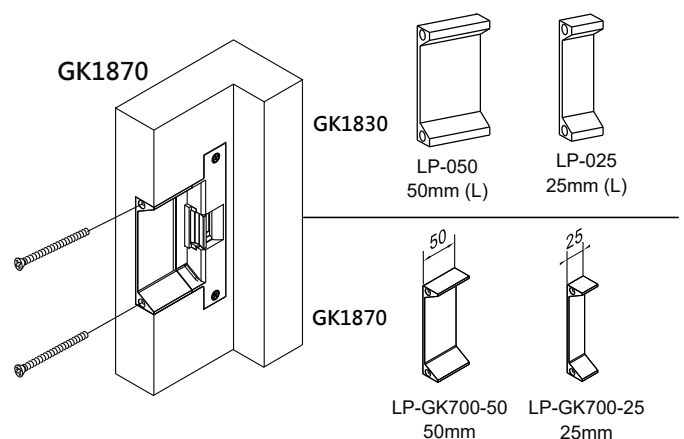
## 組裝陰極鎖

將面板用 M4 x 8 螺絲鎖在鎖體上 以下以GK1830的A面板為範例。



## 選配件 - 延長墊片 (GK1830/GK1870 適用)

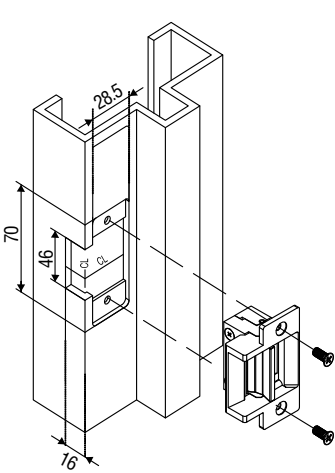
如果中空金屬門的門框太寬, 建議加裝延長墊片



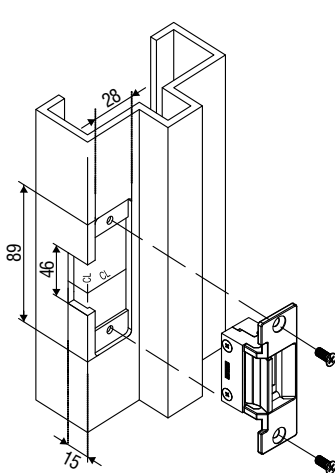
門框安裝示意圖

GK1800系列陰極鎖為埋入式安裝，GK1840為外露式安裝。

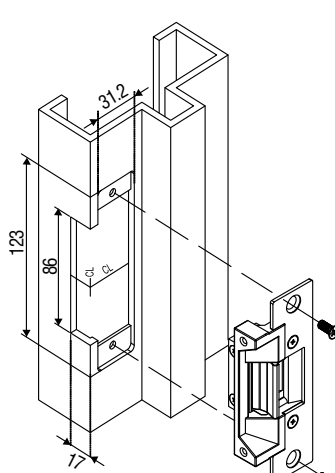
單位:mm



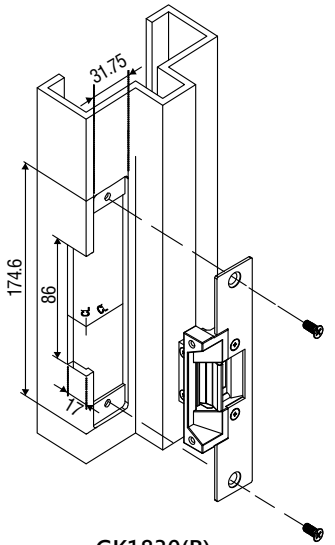
GK1810



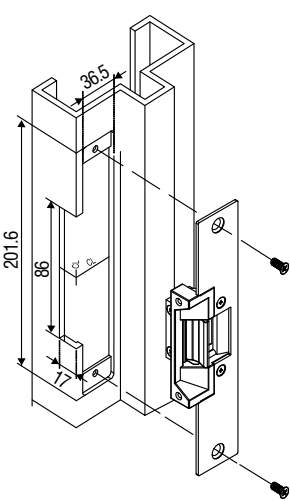
GK1820



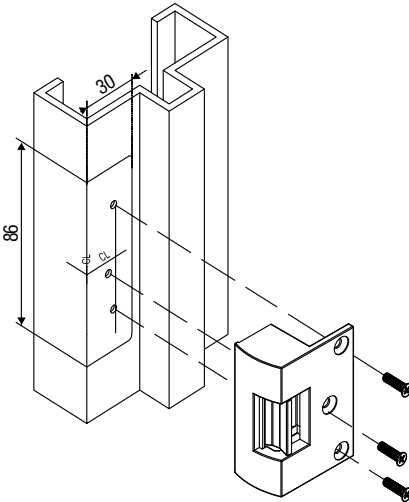
GK1830(A)  
GK1830M(A)



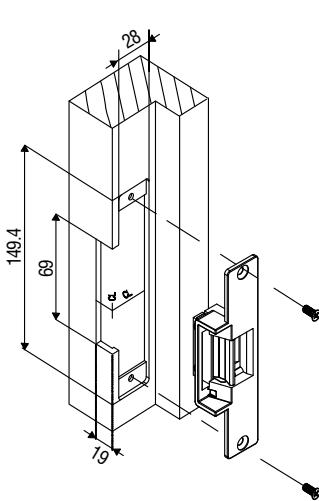
GK1830(B)  
GK1830M(B)



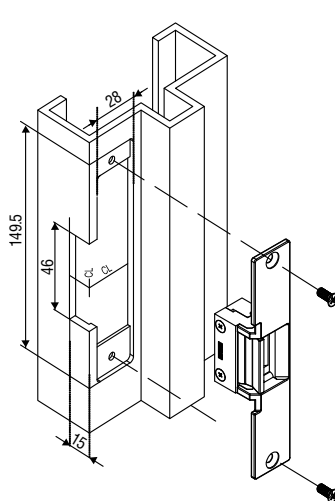
GK1830(C)  
GK1830M(C)



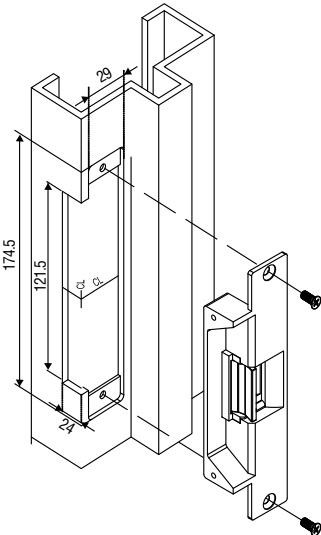
GK1840



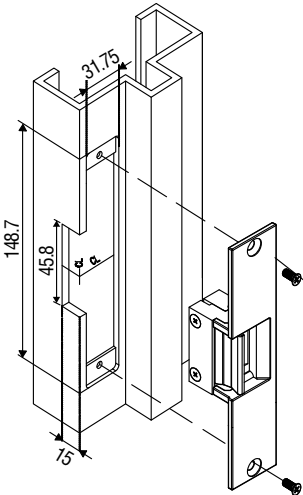
GK1850



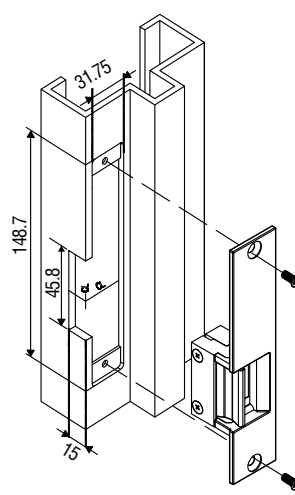
GK1860



GK1870

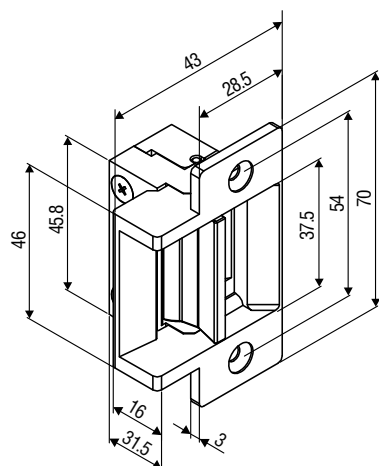


GK1880

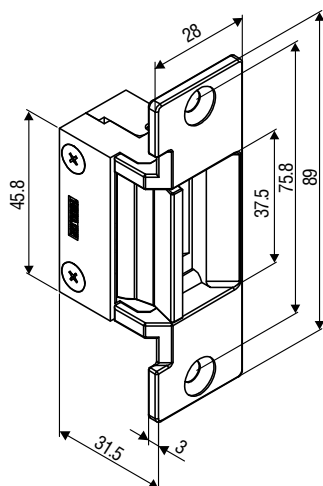


GK1885

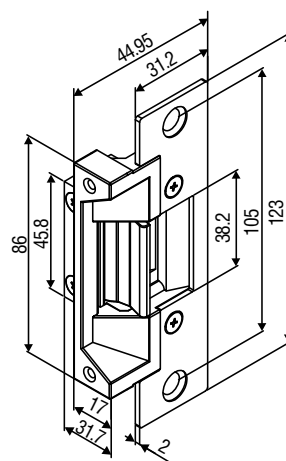
單位:mm



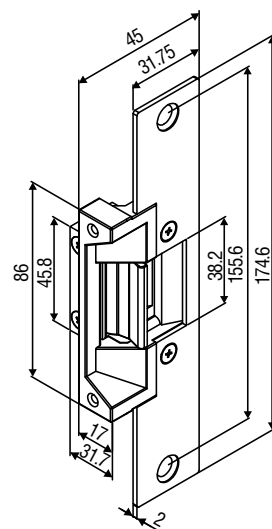
GK1810



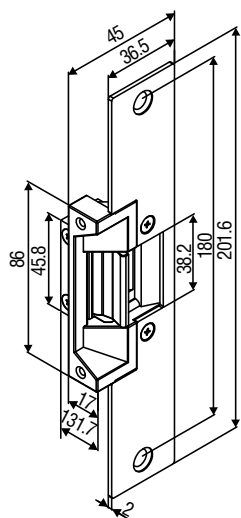
GK1820



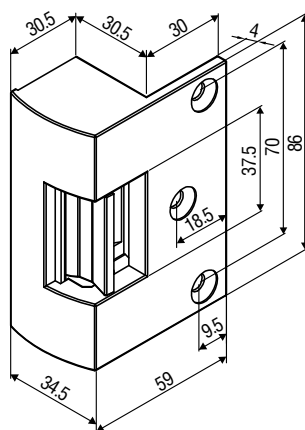
GK1830(A)  
GK1830M(A)



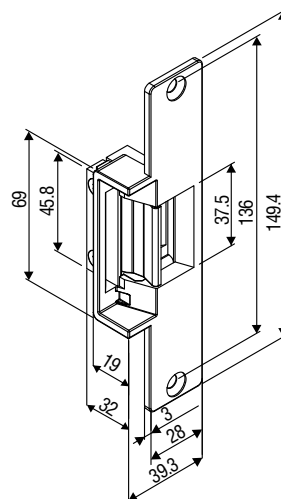
GK1830(B)  
GK1830M(B)



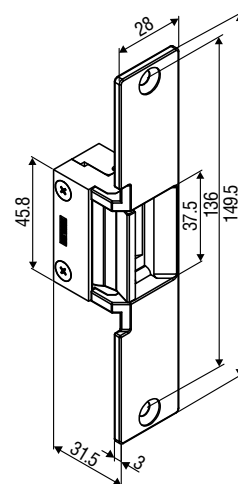
GK1830(C)  
GK1830M(C)



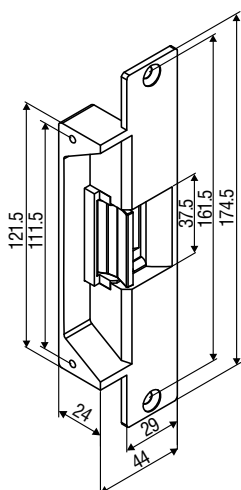
GK1840



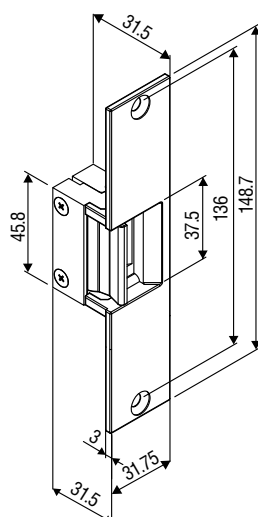
GK1850



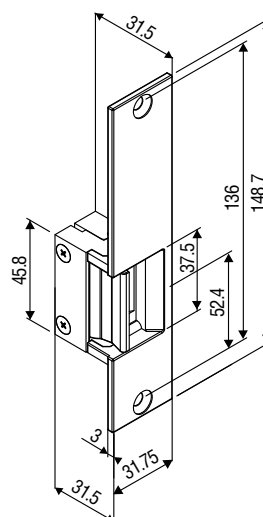
GK1860



GK1870



GK1880



GK1885