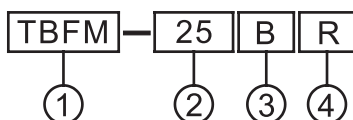


## 型號說明



### ● 特性

|      |                                     |
|------|-------------------------------------|
| 操作速度 | 0.01mm至1m/sec                       |
| 動作頻率 | 機械: 240次/分<br>電氣: 20次/分             |
| 接點電阻 | 15mΩ以下(初期)                          |
| 絕緣電阻 | 100MΩ以上(在500VDC下)                   |
| 使用壽命 | 機械: 20,000,000次以上<br>電氣: 500,000次以上 |

註: 1. 每一型式均具有焊接端子與螺絲端子, 快速端子可供選擇。

2. 逆向動作型之引動器, 因柱塞受彈簧線圈壓縮力之作用, 故經常都是保持住的。然後由於槓桿之動作就從保持住的位置被釋放而開關動作, 因為當柱塞在自由狀態 (free state) 時, 是被引動器所保持住的, 故此型開關最適於耐振動和衝擊。

## 規格

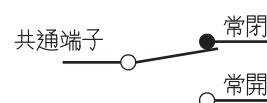
### ● 額定值

| 額定電壓   | 非電感性負載(A) |     |      | 電感性負載(A) |      |      | 突入電流(A) |    |
|--------|-----------|-----|------|----------|------|------|---------|----|
|        | 電阻性負載     |     | 燈泡負載 | 電感性負載    |      | 馬達負載 | NC      | NO |
|        | NC        | NO  | NC   | NO       | NC   | NO   |         |    |
| 125VAC | 15        | 3   | 1.5  | 15       | 5    | 2.5  | 30      | 15 |
| 250VAC | 15        | 2.5 | 1.25 | 15       | 3    | 1.5  |         |    |
| 500VAC | 3         | 1.5 | 0.75 | 2.5      | 1.5  | 0.75 |         |    |
| 8VDC   | 15        | 3   | 1.5  | 15       | 5    | 2.5  | 以下      | 以下 |
| 14VDC  | 15        | 3   | 1.5  | 10       | 5    | 2.5  |         |    |
| 30VDC  | 6(2)      | 3   | 1.5  | 5        | 5    | 2.5  |         |    |
| 125VDC | 0.4       | 0.4 | 0.4  | 0.05     | 0.05 | 0.05 |         |    |
| 250VDC | 0.2       | 0.2 | 0.2  | 0.03     | 0.03 | 0.03 |         |    |

## 15A250VAC UL微動開關

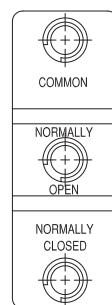
| 項次      | 代號   | 說明     |
|---------|------|--------|
| 1. 型式   | TBFM | 平頭     |
|         | TBLM | 大頭     |
|         | TBMM | 凸頭     |
| 2. 固定孔徑 | 25   | Ø25m/m |
|         | 30   | Ø30m/m |
|         |      |        |
| 3. 接線端子 | B    | 螺絲端子   |
|         | A    | 焊接端子   |
|         | C    | 快速端子   |
| 4. 按鈕顏色 | R    | 紅      |
|         | G    | 綠      |
|         | Y    | 黃      |
|         | B    | 黑      |
|         | W    | 白      |

### ● 接點型式

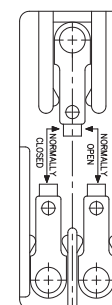


### ● 接線端子型式

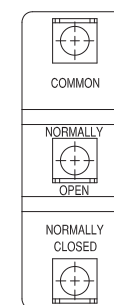
#### ● 螺絲端子



#### ● 焊接端子

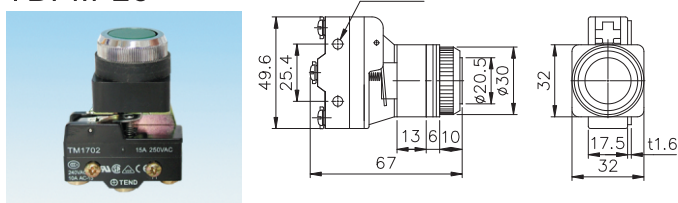


#### ● 快速端子

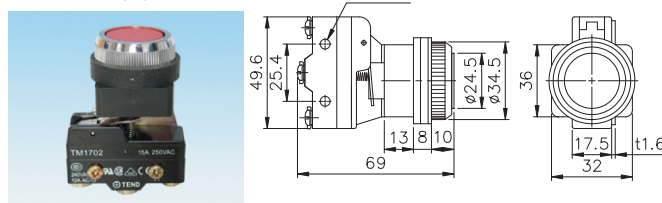


## 外觀和尺寸

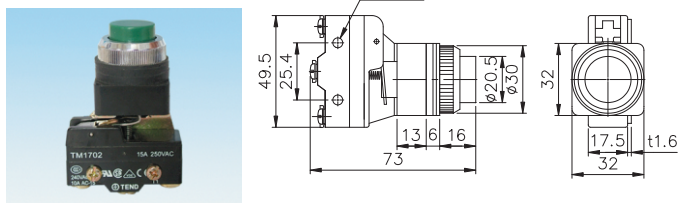
### TBFM-25



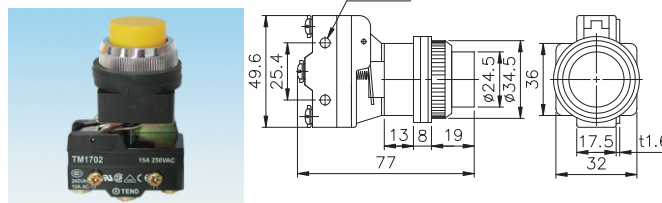
### TBFM-30



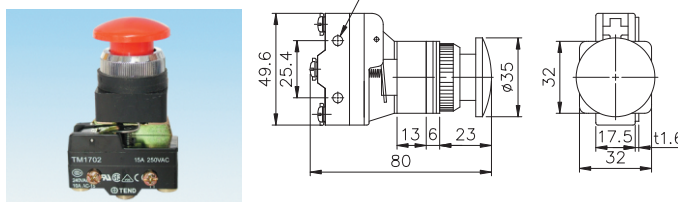
### TBLM-25



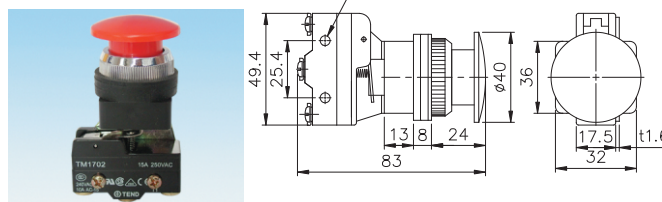
### TBLM-30



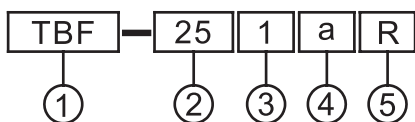
### TBMM-25



### TBMM-30



## 型號說明



注意: TBD, TBDR, TBDR只有30"/m

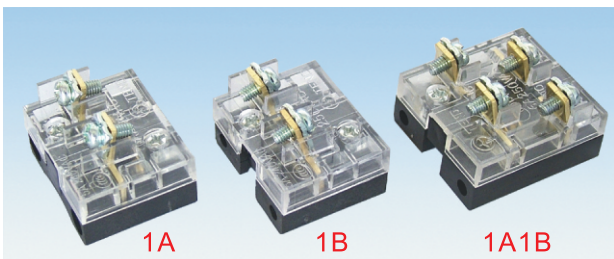
## 特性

### ● 額定值

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| 交流 | AC125V | AC250V | AC500V | AC600V |
|    | 10A    | 6A     | 3A     | 2A     |
| 直流 | DC125V | DC250V |        |        |
|    | 2A     | 1A     |        |        |

|      |                                           |                 |  |
|------|-------------------------------------------|-----------------|--|
| 使用溫度 | -20°C ~ +60°C                             |                 |  |
| 接觸電阻 | 使用額定電壓以下之DC測試電壓, 1A電流下其電阻值在15MΩ以下         |                 |  |
| 絕緣電阻 | 使用高阻計, 施加DC500V電壓, 測定值在100MΩ以上            |                 |  |
| 耐電壓  | 能接受AC2500V之測試電壓1分鐘, 無短路, 燒損, 破壞, 絕緣等異常現象。 |                 |  |
| 壽命   | 機械                                        | 1,000次/小時之開閉頻度, |  |
|      | 電氣                                        | 可達500,000次以上    |  |

### ● 接點座種類

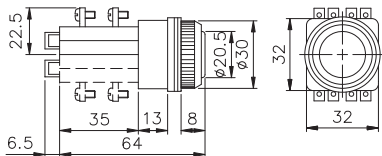
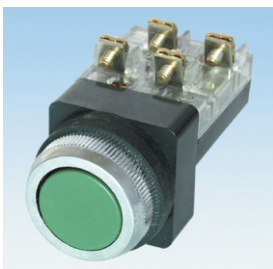


| 項次      | 代號     | 說明          |
|---------|--------|-------------|
| 1.型式    | TBF    | 平頭          |
|         | TBL    | 凸頭          |
|         | TBM    | 大頭          |
|         | TBR    | 凸頭附圈        |
|         | TBW    | 防水          |
|         | TBK    | 連鎖式         |
|         | TBKl   | 特大頭連鎖式      |
|         | TBD    | 特大頭         |
|         | TBMR   | 大頭護圈        |
| TBDR    | 特大頭護圈  |             |
| 2.固定孔徑  | 25     | Ø25m/m      |
|         | 30     | Ø30m/m      |
| 3.接點座數目 | 1~4    | 1~4         |
| 4.接點形式  | (None) | 1a1b(NO-NC) |
|         | a      | 1a(NO)      |
|         | b      | 1b(NC)      |
| 5.按鈕顏色  | R      | 紅           |
|         | G      | 綠           |
|         | Y      | 黃           |
|         | B      | 黑           |
|         | W      | 白           |

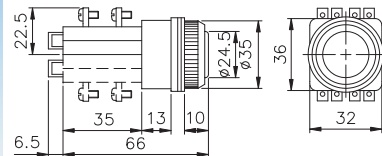
| TYPE     | H  | L  | W    |
|----------|----|----|------|
| 1A1B     | 25 | 35 | 32.5 |
| 1A or 1B | 25 | 26 | 32.5 |

## 外觀和尺寸

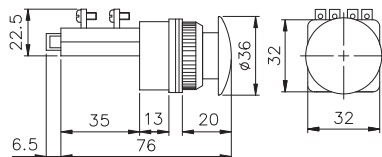
### TBF-251



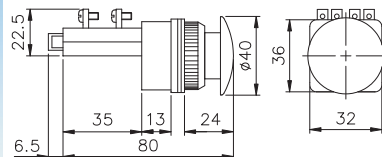
### TBF-301



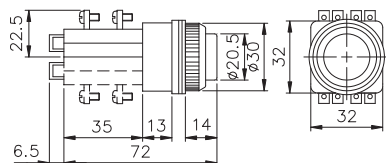
### TBM-251



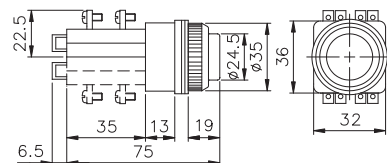
### TBM-301



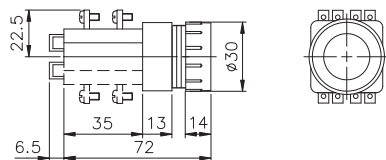
TBL-251



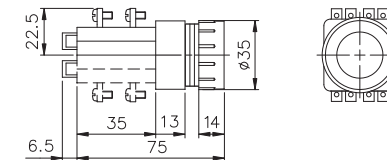
TBL-301



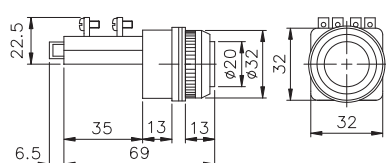
TBR-251



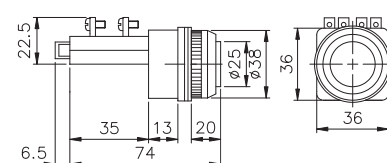
TBR-301



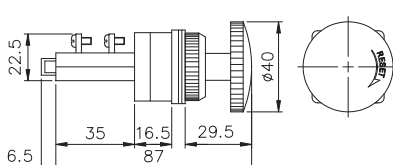
TBW-251



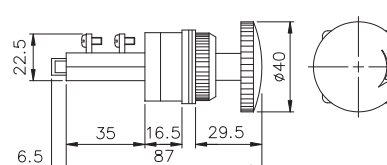
TBW-301



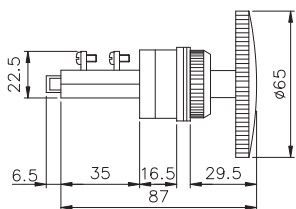
TBK-251



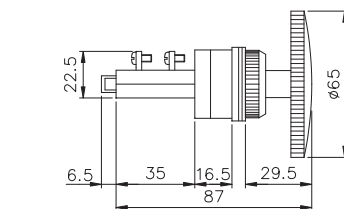
TBK-301



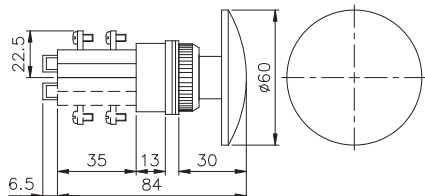
TBKL-251



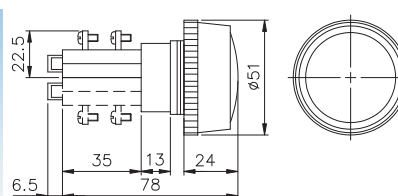
TBKL-301



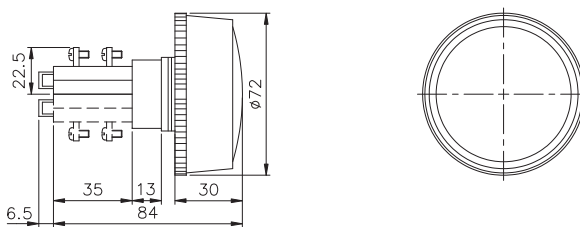
TBD-301



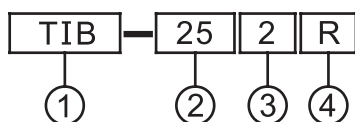
TBMR-301



TBDR-301



## 型號說明



## 特性

### ● 額定值

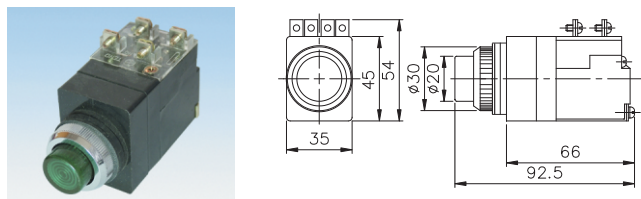
|    |        |        |        |        |
|----|--------|--------|--------|--------|
| 交流 | AC125V | AC250V | AC500V | AC600V |
|    | 10A    | 6A     | 3A     | 2A     |
| 直流 | DC125V | DC250V |        |        |
|    | 2A     | 1A     |        |        |

|      |                                       |                 |  |  |
|------|---------------------------------------|-----------------|--|--|
| 使用溫度 | -20°C ~ +60°C                         |                 |  |  |
| 接觸電阻 | 使用額定電壓以下之DC測試電壓，1A電流下其電阻值在15MΩ以下      |                 |  |  |
| 絕緣電阻 | 使用高阻計，施加DC500V電壓，測定值在100MΩ以上          |                 |  |  |
| 耐電壓  | 能接受AC2500V之測試電壓1分鐘，無短路，燒損，破壞，絕緣等異常現象。 |                 |  |  |
| 壽命   | 機械                                    | 1,000次/小時之開閉頻度， |  |  |
|      | 電氣                                    | 可達500,000次以上    |  |  |

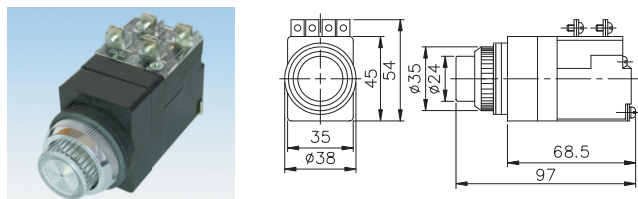
| 項次     | 代號    | 說明         |  |
|--------|-------|------------|--|
| 1.型式   | TIB   | 標準型        |  |
|        | TIBN  | 直接式        |  |
|        | TIBR  | 標準型護圈      |  |
|        | TIBNR | 直接式護圈      |  |
| 2.固定孔徑 | 25    | Ø25m/m     |  |
|        | 30    | Ø30m/m     |  |
| 3.額定電壓 | 1     | 110VAC     |  |
|        | 2     | 220VAC     |  |
|        | 3     | 380VAC     |  |
|        | 4     | 440VAC     |  |
|        | 5     | 6.3VAC(DC) |  |
|        | 6     | 18VAC(DC)  |  |
|        | 7     | 24VAC(DC)  |  |
|        | 8     | 30VAC(DC)  |  |
| 4.燈殼顏色 | R     | 紅          |  |
|        | G     | 綠          |  |
|        | O     | 橙          |  |
|        | W     | 白          |  |

## 外觀和尺寸

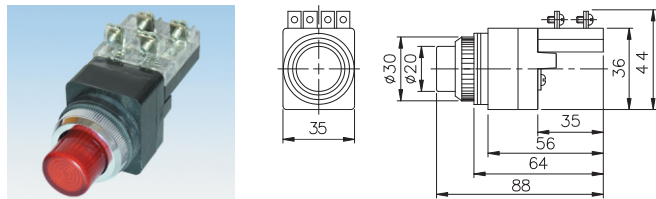
### TIB-252



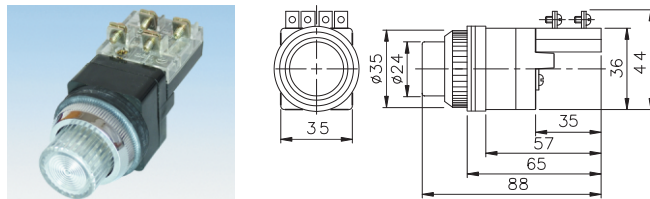
### TIB-302



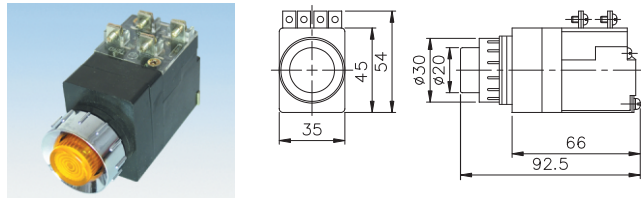
### TIBN-252



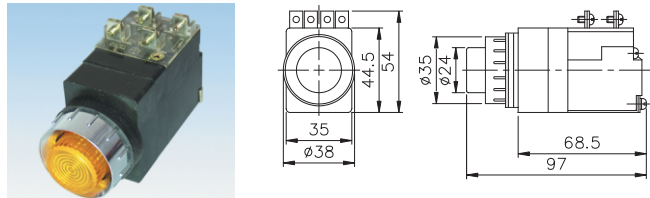
### TIBN-302



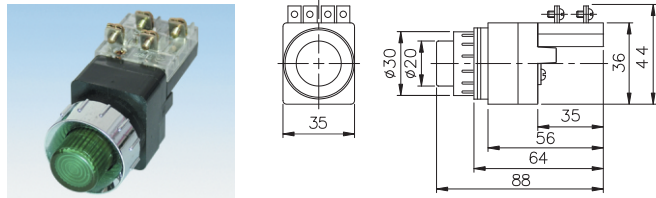
### TIBR-252



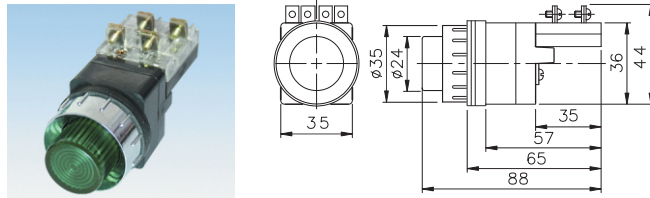
### TIBR-302



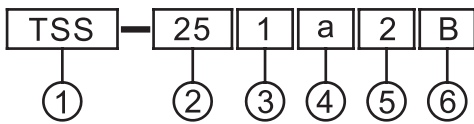
### TIBNR-252



### TIBNR-302



## 型號說明



## 特性

### ● 額定值

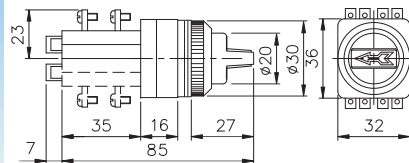
|    |        |        |        |        |
|----|--------|--------|--------|--------|
| 交流 | AC125V | AC250V | AC500V | AC600V |
|    | 10A    | 6A     | 3A     | 2A     |
| 直流 | DC125V | DC250V |        |        |
|    | 2A     | 1A     |        |        |

|      |                                       |                 |
|------|---------------------------------------|-----------------|
| 使用溫度 | -20°C~+60°C                           |                 |
| 接觸電阻 | 使用額定電壓以下之DC測試電壓，1A電流下其電阻值在15MΩ以下      |                 |
| 絕緣電阻 | 使用高阻計，施加DC500V電壓，測定值在100MΩ以上          |                 |
| 耐電壓  | 能接受AC2500V之測試電壓1分鐘，無短路，燒損，破壞，絕緣等異常現象。 |                 |
| 壽命   | 機械                                    | 1,000次/小時之開閉頻度， |
|      | 電氣                                    | 可達500,000次以上    |

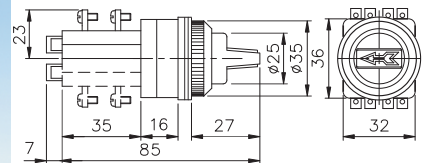
| 項次      | 代號   | 說明          |
|---------|------|-------------|
| 1.型式    | TSS  | 選擇開關        |
|         | TKS  | 鑰匙開關        |
|         | TSSL | 長柄選擇開關      |
| 2.固定孔徑  | 25   | Ø25m/m      |
|         | 30   | Ø30m/m      |
| 3.接點座數目 | 1~4  | 1~4         |
| 4.接點形式  | 空白   | 1a1b(NO-NC) |
|         | a    | 1a (NO)     |
|         | b    | 1b (NC)     |
| 5.段數    | 2    | 二段          |
|         | 3    | 三段          |
| 6.把手顏色  | R    | 紅           |
|         | G    | 綠           |
|         | B    | 黑           |

## 外觀和尺寸

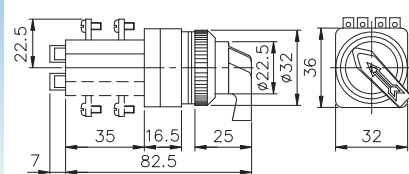
### TSS-251



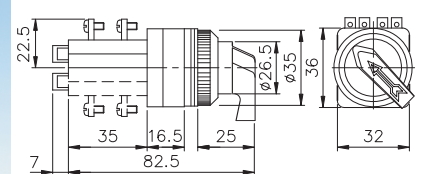
### TSS-301



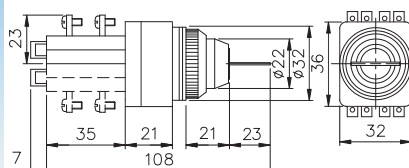
### TSSL-251



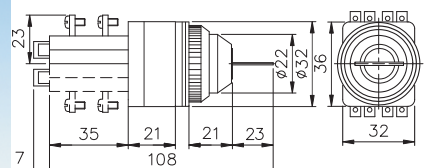
### TSSL-301



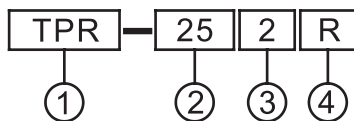
### TKS-251



### TKS-301



## 型號說明



## 燈泡規格

| 指示燈型式                                | 燈泡型式 |      |       |
|--------------------------------------|------|------|-------|
| Ø25m/m<br>TPR<br>TPF系列<br>TPS        | E-10 | 6.3V | 0.15A |
|                                      | E-10 | 24V  | 1W    |
|                                      | E-10 | 30V  | 1W    |
| Ø30m/m<br>TPR<br>TPF<br>TPS系列<br>TPL | E-12 | 18V  | 0.11A |
|                                      | E-12 | 24V  | 2W    |
|                                      | E-12 | 30V  | 2W    |

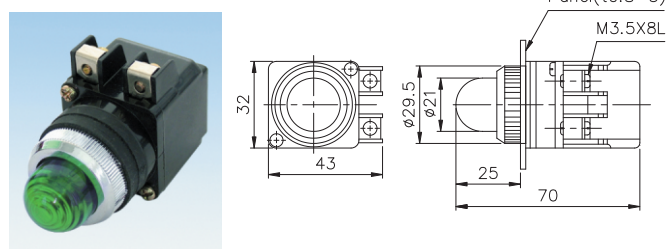
|      |                       |
|------|-----------------------|
| 耐電壓  | 2,000VAC,50/60HZ持續1分鐘 |
| 絕緣電阻 | 100MΩ以上(在500VDC)      |

| 項次     | 代號   | 說明         |  |
|--------|------|------------|--|
| 1.型式   | TPR  | 圓型         |  |
|        | TPS  | 方型         |  |
|        | TPF  | 平頭型        |  |
|        | TPL  | 大頭型        |  |
|        | TPRF | 閃光圓型       |  |
|        | TPSF | 閃光方型       |  |
|        | TPLF | 閃光大頭型      |  |
| 2.固定孔徑 | 25   | Ø25m/m     |  |
|        | 30   | Ø30m/m     |  |
| 3.額定電壓 | 1    | 110VAC     |  |
|        | 2    | 220VAC     |  |
|        | 3    | 380VAC     |  |
|        | 4    | 440VAC     |  |
|        | 5    | 6.3VAC(DC) |  |
|        | 6    | 18VAC(DC)  |  |
|        | 7    | 24VAC(DC)  |  |
|        | 8    | 30VAC(DC)  |  |
| 4.燈殼顏色 | R    | 紅          |  |
|        | G    | 綠          |  |
|        | O    | 橙          |  |
|        | W    | 白          |  |
|        | BL   | 藍          |  |

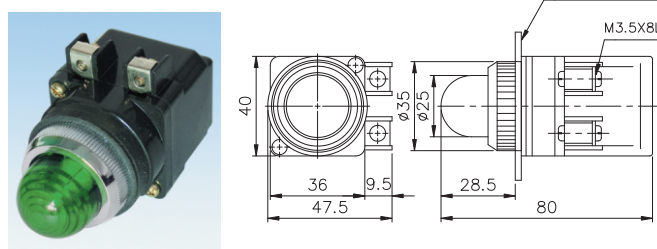
\*可選用LED燈泡

## 外觀尺寸

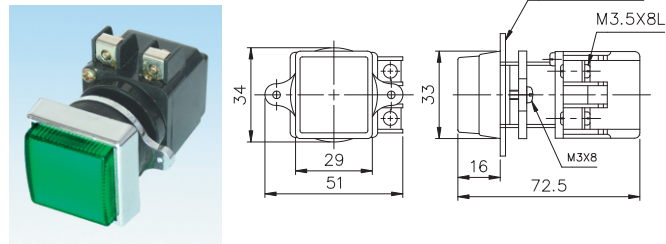
### TPR-252



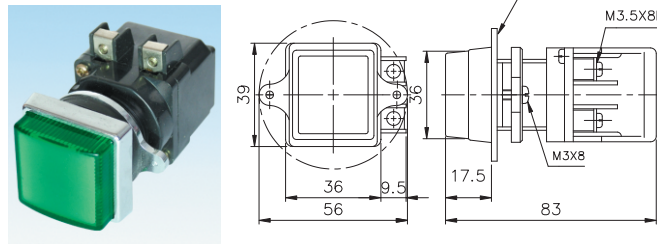
### TPR-302



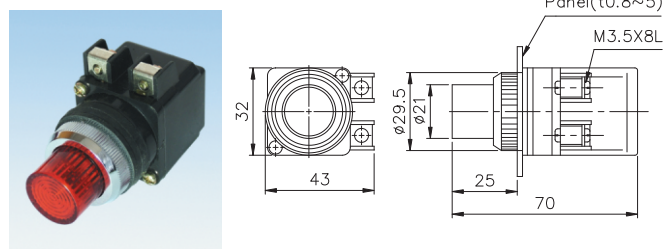
### TPS-252



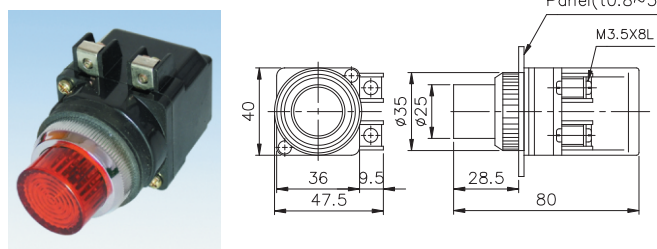
### TPS-302



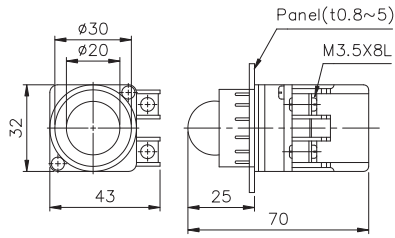
### TPF-252



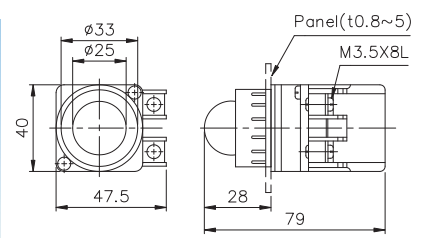
### TPF-302



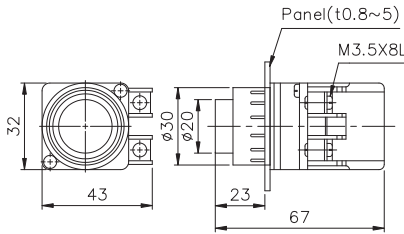
TPRR-252



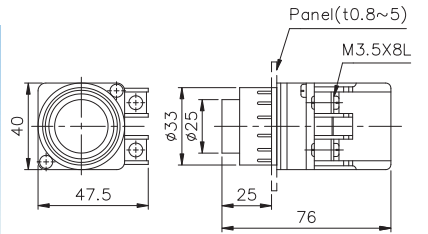
TPRR-302



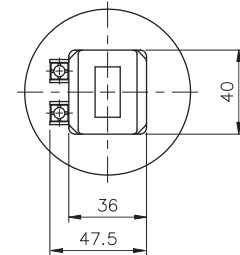
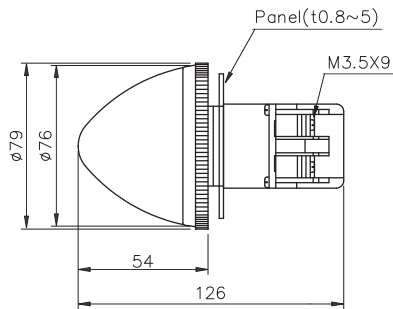
TPFR-252



TPFR-302

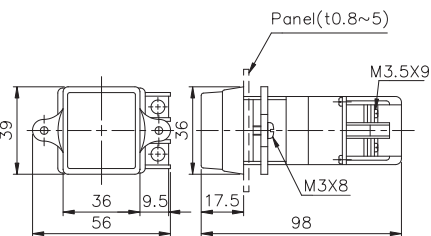


TPL-302

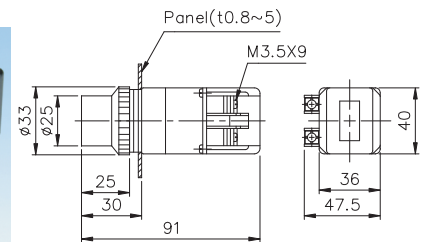


## ■ 闪光指示灯

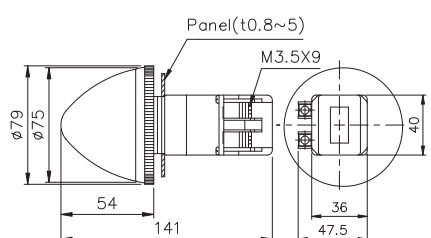
TPSF-302



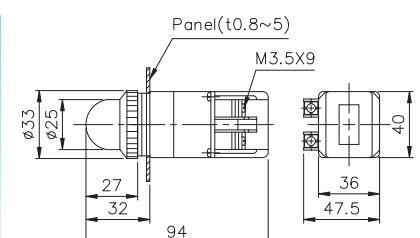
TPFF-302



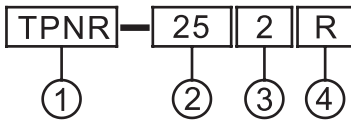
TPLF-302



TPRF-302



## 型號說明



本系列指示燈為直接式不附變壓器, AC110V, AC220V, AC380V, AC440V為霓虹燈泡, 其餘為鎢絲燈泡。

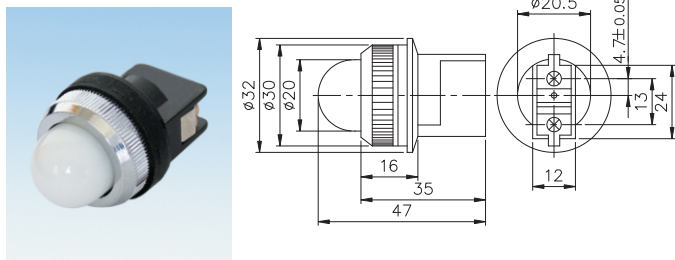
## 燈泡規格

- TPN-12三系列的燈泡, 不可拆換。
- 其餘系列皆為E10燈泡。

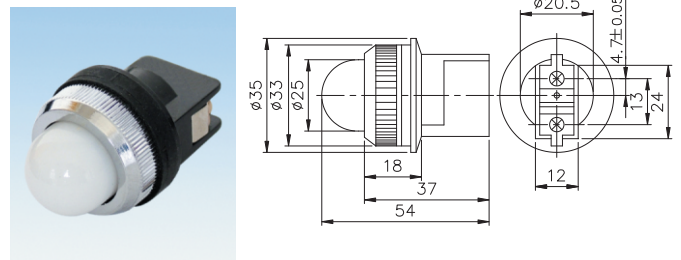
| 項次     | 代號                                                   | 說明                                                                                                     |
|--------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 1.型式   | TPNR<br>TPNF<br>TPNRR<br>TPNFR<br>TPNS<br>TPN<br>TSL | 圓型<br>平頭型<br>圓型護圈<br>平頭型護圈<br>方型<br>直接式<br>長方型                                                         |
| 2.固定孔徑 | 25<br>30<br>12                                       | Ø25m/m<br>Ø30m/m<br>Ø12m/m                                                                             |
| 3.額定電壓 | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9            | 110VAC<br>220VAC<br>380VAC<br>440VAC<br>6.8VAC(DC)<br>18VAC(DC)<br>24VAC(DC)<br>30VAC(DC)<br>12VAC(DC) |
| 4.燈殼顏色 | R<br>G<br>O<br>W<br>BL                               | 紅<br>綠<br>橙<br>白<br>藍                                                                                  |

## 外觀尺寸

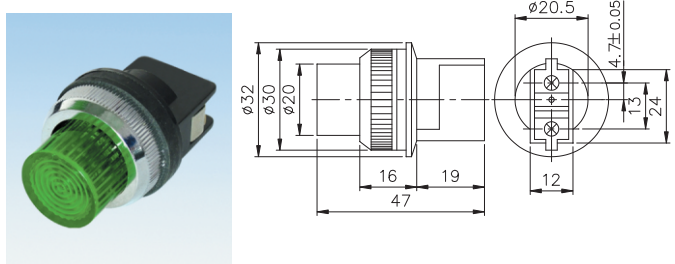
### TPNR-252



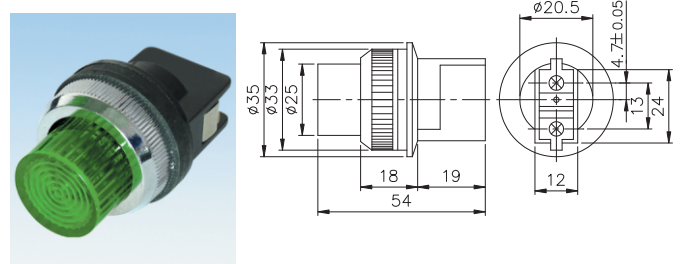
### TPNR-302



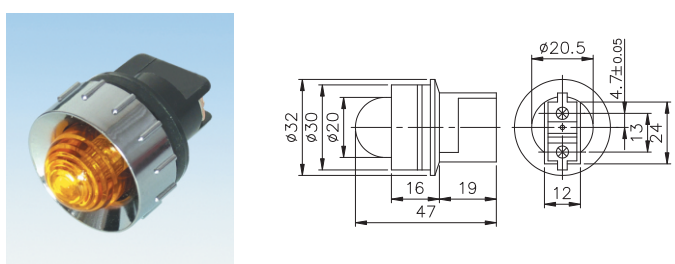
### TPNF-252



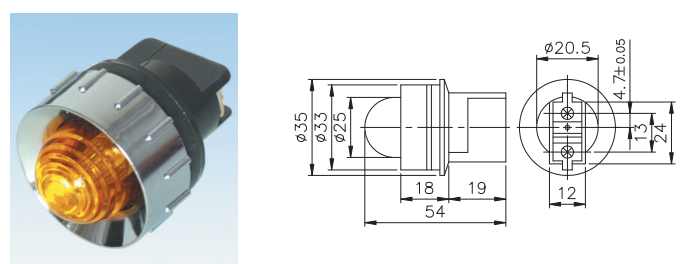
### TPNF-302



### TPNRR-252



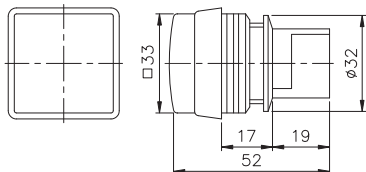
### TPNRR-302



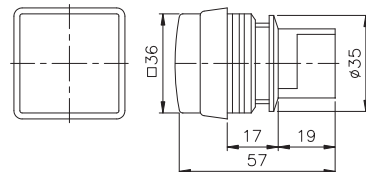


## ■外觀尺寸

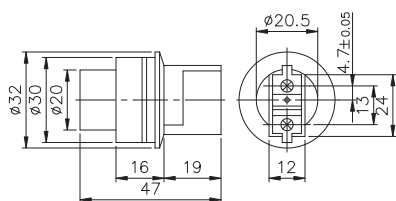
TPNS-252



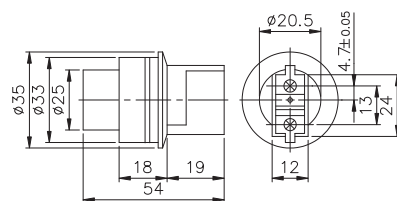
TPNS-302



TPNFR-252



TPNFR-302



TPN-122

