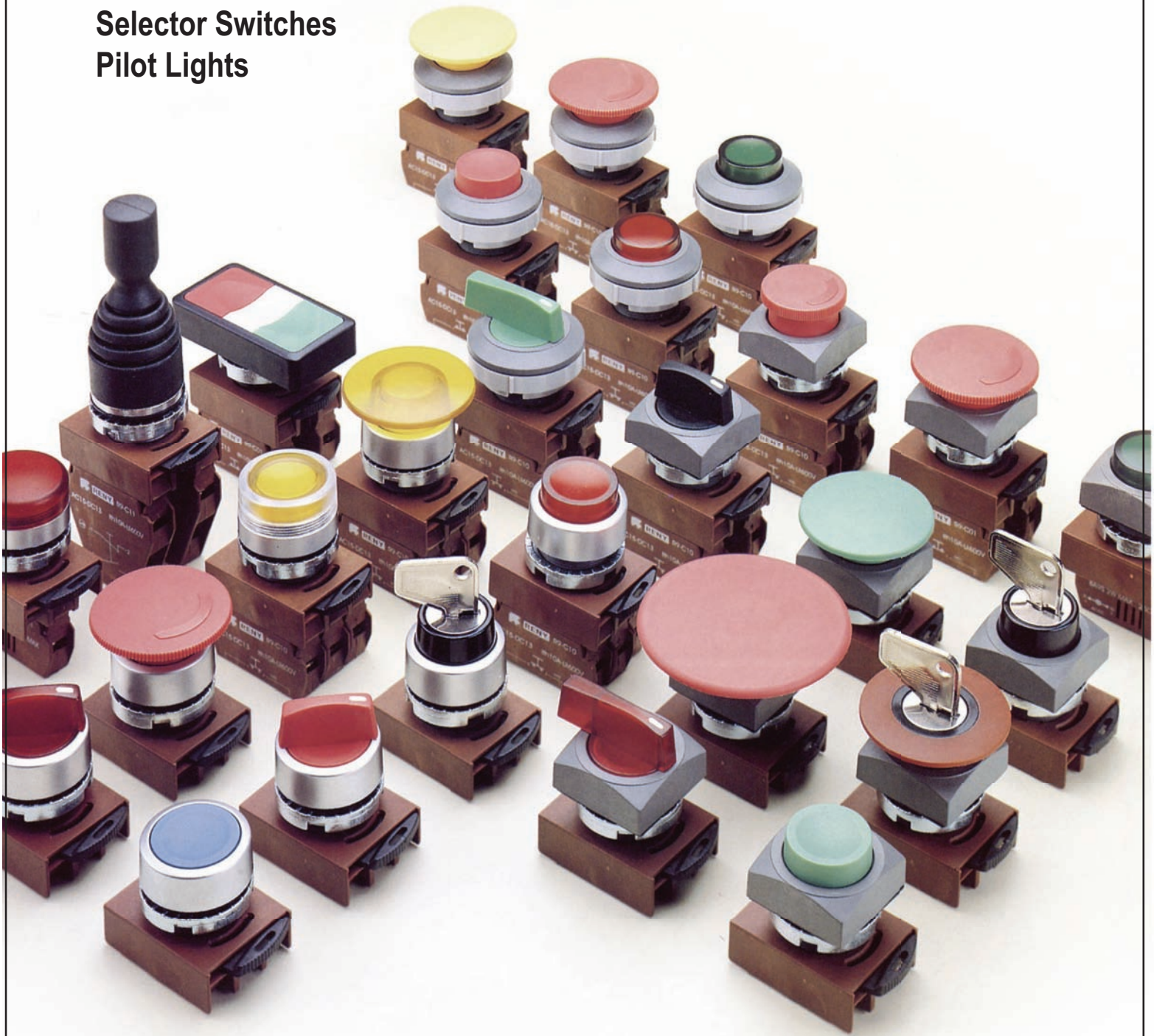
創造力有限公司（宏麟自動控制器材 www.creativity.com.tw）

Power Contrls

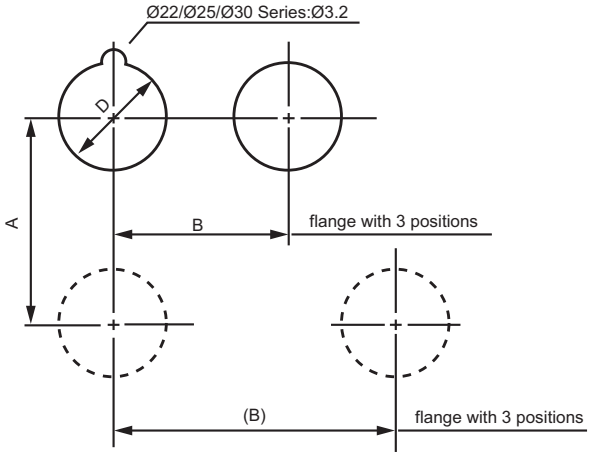
Push Buttons
Selector Switches
Pilot Lights



安規標準→	通過CSA認證及CE/EN60947-5-1, 標準
電氣容量→	最大絕緣電壓 600VAC, 最大熱電流 10A
操作類別→	AC15類：250VAC / 6A, DC13類：250VDC / 0.6A
觸點導阻→	最大50MΩ
絕緣強度→	2500VAC 50Hz,1分鐘
絕緣阻抗→	500VDC下,大於100MΩ
耐震阻值→	10g @40~500Hz
用燈壽命→	白熾燈 1,000小時, LED燈 100,000小時
機械壽命→	按鈕開關：瞬間＞3,000,000 維持＞500,000 選擇開關：瞬間＞ 500,000 維持＞500,000 鑰匙開關：瞬間＞ 500,000 維持＞500,000 緊急開關：＞300,000
電氣壽命→	開關片AC15 250VAC / 6A ＞1,000,000 DC13 250VAC / 0.6A ＞1,000,000
儲存溫度→	- 40℃ to 70℃
操作室溫→	- 25℃ to 70℃

TYPE NUMBER NOMENCLATURE

尺 寸		ψ22		ψ25		ψ30	
D	面板孔徑	22.5		25.5		30.5	
A	標準頭部	45min		45min		45min	
	長柄選擇	50		50		50	
	二點照光按鈕	60		60		60	
	ψ60大頭按鈕	61		61		61	
	十字開關	70		70		70	
B	標準頭部(圓型、方型)	31	(51)	31	(51)	40	(51)
	長柄選擇	35	(51)	35	(51)	40	(51)
	二點式照光按鈕	31	(51)	31	(51)	31	(51)
	ψ40大頭按鈕	41	(51)	41	(51)	41	(51)
	ψ60大頭按鈕	61		61		61	
	十字開關	70		70		70	





形狀、材質、顏色

R 9系列產品包含3種不同型式的組合
- 圓形22m/m，用尼龍加纖維及防火材料鍍銀鉻設計
- 圓形30m/m，用灰色尼龍加纖維及防火材料
- 方圓形22m/m，用灰色尼龍加纖維及防火材料

這優雅、現代、人性化的R 9產品有多種顏色和款式可供選擇，同時也是高級工業設計經驗的結晶。



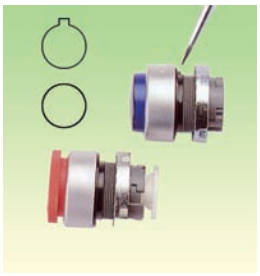
安裝方式

R 9生產線提供多種產品、接點、電源供應器
在“易組合”的方式下，它們是全部可以相互交換的，且由於創新的凸緣設計，可使組裝的時間減到最少，不僅滿足了特別的使用需求，而且產品、接點及電源供應器可另選做為盒子安裝使用。



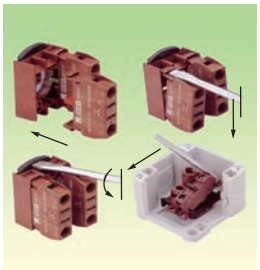
背面的鎖扣和背面的安裝程序

使用一種特別的工具（鎖環螺旋板手）穿過鎖環，將R 9產品從背面安裝至配電盤上，這些組件也可以用一支一字的螺絲起子組裝。



安裝和放在適當位置

根據IEC529，所有的R 9產品都裝有一個U型防水油封，以確保能達到IP65等級防水、防油、防塵的標準，在產品主體上有一個定位卡榫，在鑽有鍵槽孔的面板上能給予正確的位置，這卡榫也可確保配電盤的穩固，在進行安裝及維護時能防止它旋轉，面板若無鍵槽孔時，可用一支一字螺絲起子把卡榫移除。



快速的裝置

全部R9系列的背面設計，是用插入扣上的，保證安裝快速。釦上凸緣的獨特設計能牢固的安裝在產品上，如此可擔保各部份能迅速的結合，而對於盒子的安裝則是直接安裝在盒子內的卡座上。
每一個單一組件都能分別的組合或移開，並不會妨礙其他部份。在配電盤的安裝方面，也可以將釦上凸緣所扣在一起之組件安裝或移開，組件或凸緣能用一支標準的一字螺絲起子拆開，進行簡單的維護操作。

TYPE NUMBER NOMENCLATURE

□ □ □ — □ — □ □

1.固定孔徑

R2 = 22ØRound
R3 = 30ØRound
R25= 25ØRound
RS = 22Ø方圓型 Square

2. 型　　式

PNF=平頭按鈕
PNH=凸頭按鈕
PNM3=大頭30mm
PNM4=大頭40mm
PNM6=大頭60mm
PNR3=連鎖式30mm
PNR4=連鎖式40mm
PNR6=連鎖式60mm
PNKM4=連鎖式附鎖
PNP=推拉式按鈕
PND=雙頭式按鈕
PNDH=凸型雙頭式按鈕

3. 交 替 式

D = 交替式
空白=無交替式

4. 接　　點

1A=1A
1B=1B
1C=1A1B
1D=1A+1B

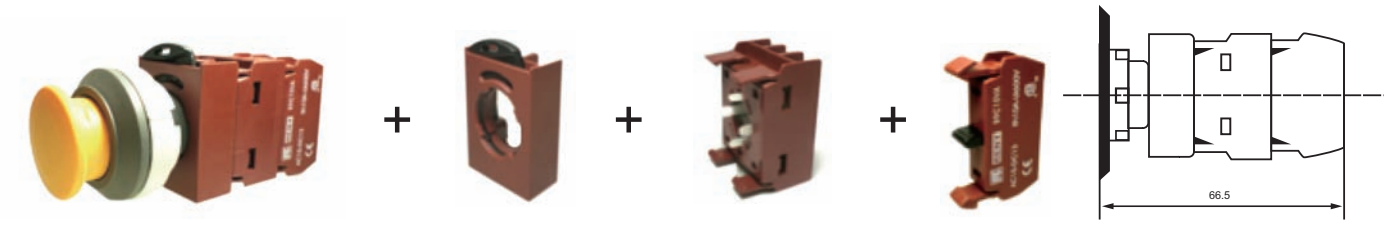
5.顏　　色

R = 紅
G = 綠
Y = 黃
W = 白
B = 黑
BL= 藍

6.印　字

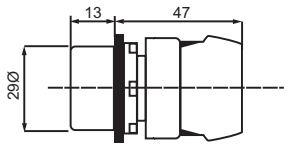
空白=不加印字
1 =O
2 =1

D=交替式



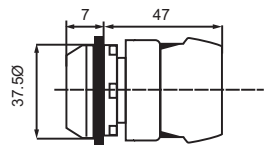
R2PNF





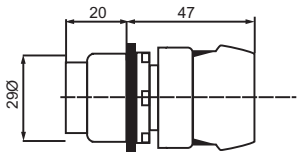
R3PNF





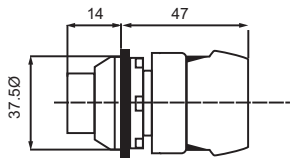
R2PNH





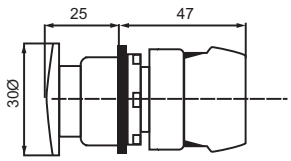
R3PNH





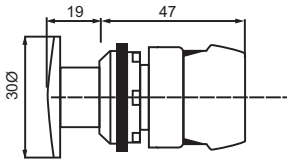
R2PNM3





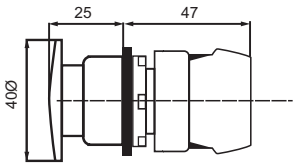
R3PNM3





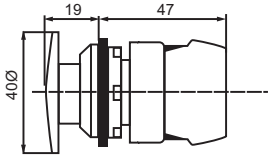
R2PNM4





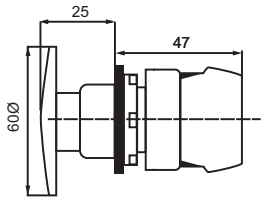
R3PNM4





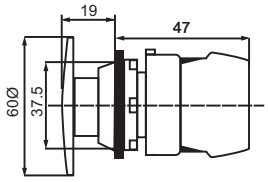
R2PNM6





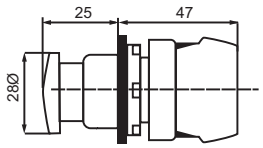
R3PNM6





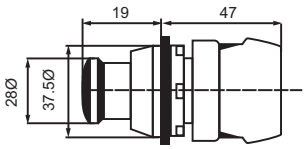
R2PNR3





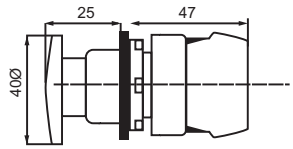
R3PNR3





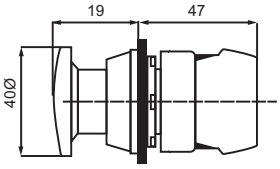
R2PNR4





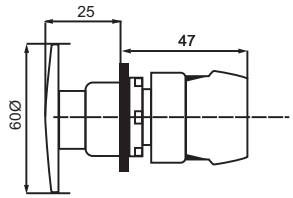
R3PNR4





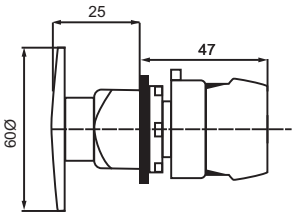
R2PNR6





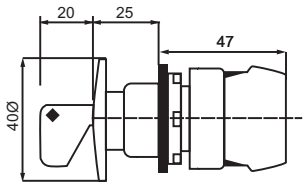
R3PNR6



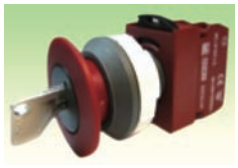


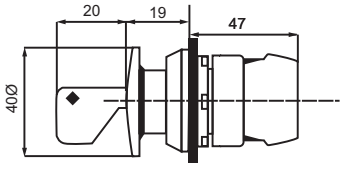
R2PNKM4





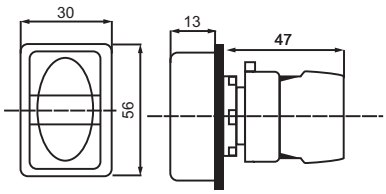
R3PNKM4





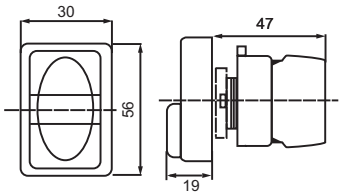
R2PND





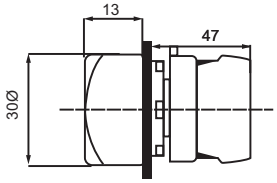
R2PNDH





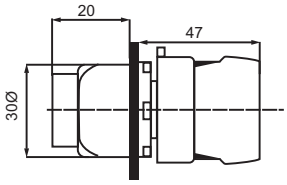
RSPNF





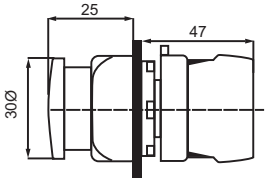
RSPNH





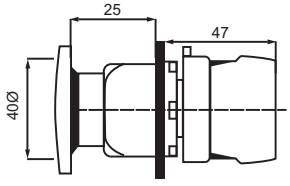
RSPNM3





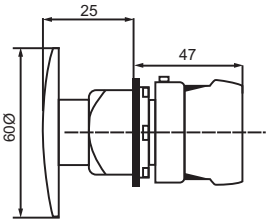
RSPNM4





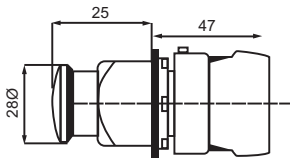
RSPNM6





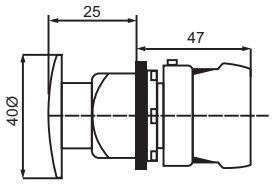
RSPNR3





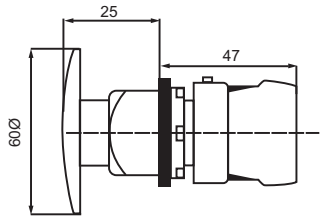
RSPNR4



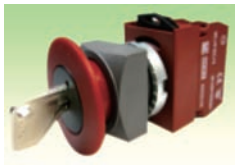


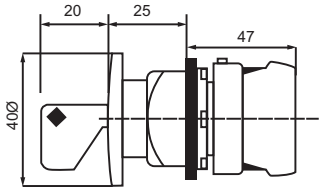
RSPNR6





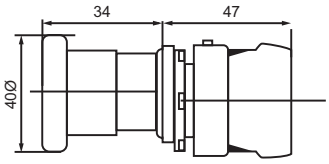
RSPNKM4





R2PNP





TYPE NUMBER NOMENCLATURE

1.型　式

S9=BA9S

2.種　類

I = 絲燈泡

N = 霓虹燈泡

L = LED燈泡

3.電　壓

1 = 110VAC(霓虹、LED)

2 = 220VAC(霓虹、LED)

3 = 380VAC(霓虹)

4 = 440VAC(霓虹)

5 = 6VAC/DC(鎢絲、LED)

6 = 18VAC/DC (鎢絲、LED)

7 = 24VAC/DC(鎢絲、LED)

8 = 30VAC/DC(鎢絲、LED)

9 = 12VAC/DC(鎢絲、LED)

4.顏　色

R = 紅

G = 綠

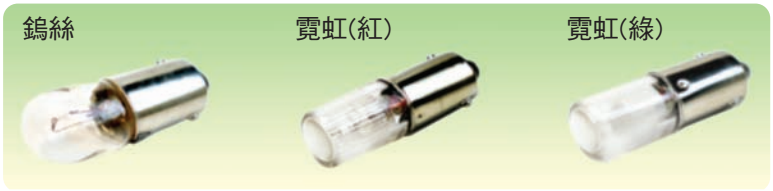
Y = 黃

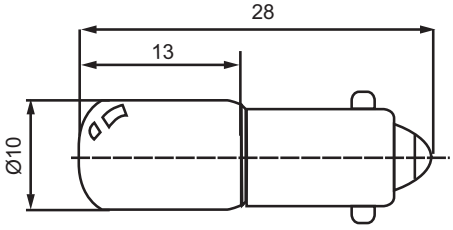
W = 白

BL= 藍

LED







TYPE NUMBER NOMENCLATURE

1.固定孔徑
R2=22Ø Round
R3=30Ø Round
R25=25Ø Round
RS=22Ø 方圓型 Square

2. 型　式
SNS=短柄選擇
SNL=長柄選擇
SNK=鎖匙開關

3.段　落
2 = 2段
3 = 3段

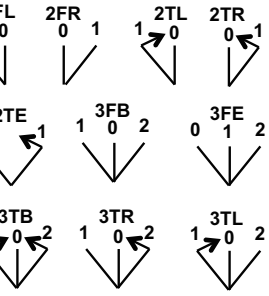
4. 段落型式
T= 複歸
F= 保持

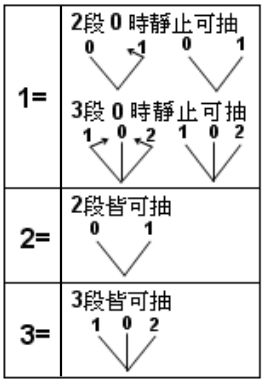
5. 動 作 方 式
D= 60°角， 兩邊均有接點
E= 代表 0 在左邊
R= 轉右邊45°角 或 右邊複歸
L= 轉左邊45°角 或 左邊複歸
B= 代表 0 在中間
(如果是 T 複歸兩邊都可複歸)
M= 代表没 0 三段均有接點

6.接　點
1A=1A
1B=1B
1C=1A1B
1D=1A+1B
2A=2A

7.顏　色
R = 紅
G = 綠
Y = 黃
B = 黑
BL= 藍

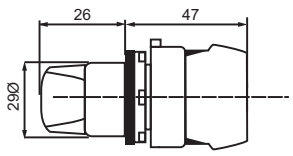
7. 抽 取 位 置
★鎖匙 0 的位置
一定是可抽
★複歸的那一邊
一定不可抽





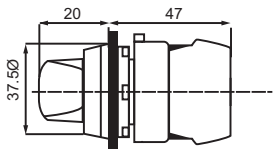
R2SNS





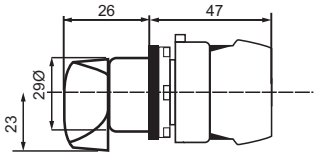
R3SNS





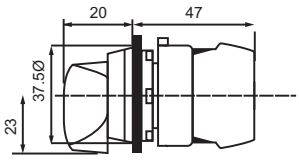
R2SNL





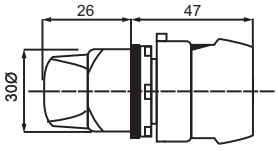
R3SNL





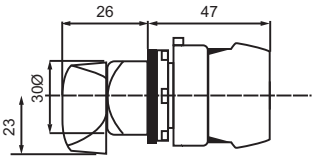
RSSNS





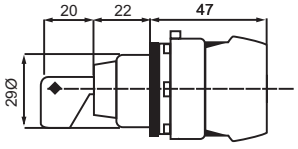
RSSNL





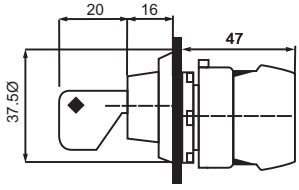
R2SNK





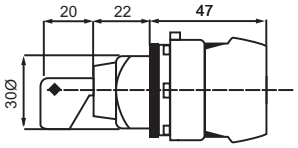
R3SNK





RSSNK





TYPE NUMBER NOMENCLATURE

□ □ □ — □ — □ □ □ □

1.固定孔徑
R2=22Ø Round
R3=30Ø Round
RS=22Ø方圓型 Square

3. 交 替 式
D = 交替式
空白=無交替式

5. 電　　壓
1 =110VAC (霓虹、LED燈泡)
2 =220VAC (霓虹、LED燈泡)
3 =380VAC (霓虹燈泡)
4 =440VAC (霓虹燈泡)
5 =6VAC/DC (鎢絲、LED燈泡)
6 =18VAC/DC (鎢絲、LED燈泡)
7 =24VAC/DC (鎢絲、LED燈泡)
8 =30VAC/DC (鎢絲、LED燈泡)
9 =12VAC/DC (鎢絲、LED燈泡)

8.印　字
空白=不加印字
1 =O
2 = I

2. 型　　式
PI F= 照光平頭附護圈
PI H= 照光凸頭
PI M4= 照光大頭
PI D=雙頭照光
PIDH=凸型雙頭照光

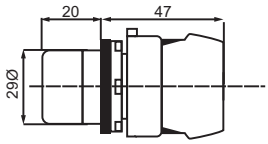
4.接　點
1A=1A
1B=1B
1C=1A1B
1D=1A+1B
2A=2A

6. 燈　　泡
I = 鎢絲燈泡
N= 霓虹燈泡
L= LED燈泡

7. 顏　色
R = 紅
G = 綠
Y = 黃
W = 白
BL = 藍
O = 橘

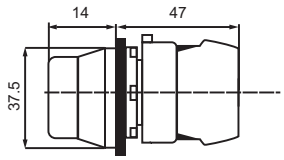
R2PIF





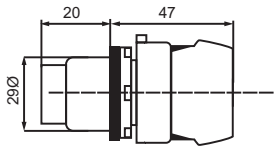
R3PIF





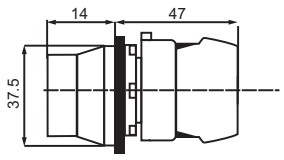
R2PIH





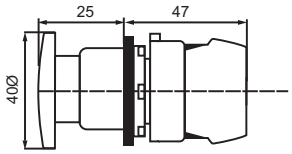
R3PIH





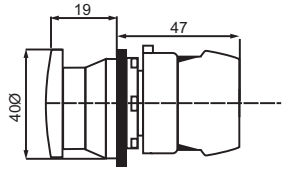
R2PIM4





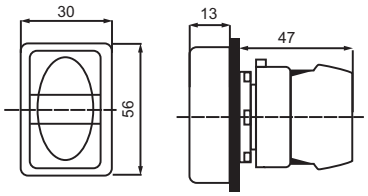
R3PIM4





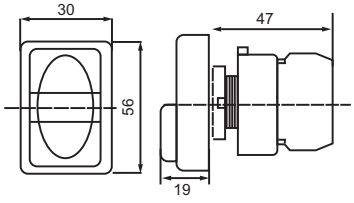
R2PID





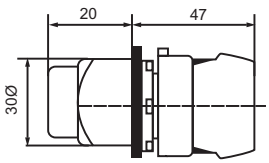
R2PIDH





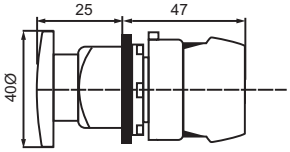
RSPIH





RSPIM4





TYPE NUMBER NOMENCLATURE

□ □ – □ □ □ – □ – □ □ □

1.固定孔徑
R2=22Ø Round
R3=30Ø Round
R25=25Ø Round
RS=22Ø 方圓型 Square

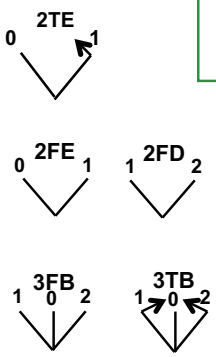
2. 型　式
SIS= 短柄
SIL= 長柄

3.段　落
2 = 2段
3 = 3段

4. 段落型式
F= 保持
T= 複歸

5. 動 作 方 式
D= 60°角，兩邊均有接點
E= 代表 0 在左邊
R= 轉右邊45°角 或 右邊複歸
L= 轉左邊45°角 或 左邊複歸
B= 代表 0 在中間
(如果是 **T** 複歸 兩邊都可複歸)

6.接　點
1A=1A
1B=1B
1C=1A1B
1D=1A+1B
2A=2A



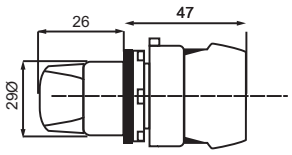
8. 燈　泡
I = 鎢絲燈泡
N= 霓虹燈泡
L= LED燈泡

9. 顏　色
R = 紅
G = 綠
Y = 黃
W = 白
BL = 藍
O = 橘

7.電　壓
1 =110VAC(霓虹、LED)
2 =220VAC(霓虹、LED)
3 =380VAC(霓虹)
4 =440VAC(霓虹)
5 =6VAC/DC(鎢絲、LED)
6 =18VAC/DC(鎢絲、LED)
7 =24VAC/DC(鎢絲、LED)
8 =30VAC/DC(鎢絲、LED)
9 =12VAC/DC(鎢絲、LED)

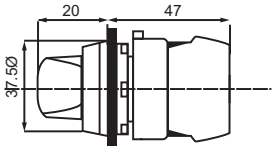
R2SIS





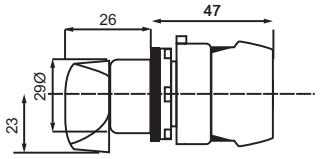
R3SIS





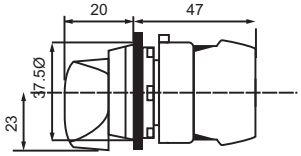
R2SIL





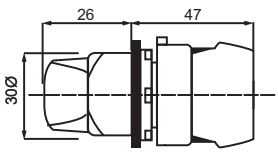
R3SIL





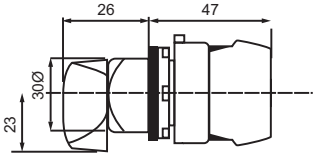
RSSIS





RSSIL





TYPE NUMBER NOMENCLATURE

1.固定孔徑
R2 = 22Ø Round
R25=25Ø Round
R3 = 30Ø Round
RS = 22Ø 方圓型 **Square**

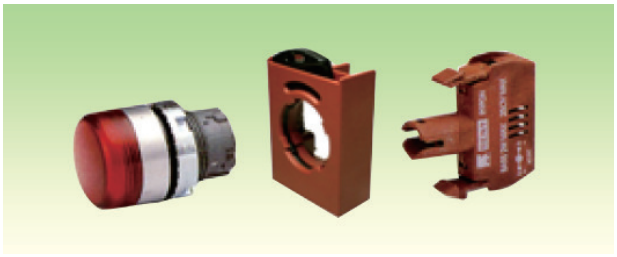
2. 型　式
LIF = 標準式平頭
LIH = 標準式凸頭
LUF = 簡單式平頭
LUH = 簡單式凸頭

3.電　壓
1 =110VAC(霓虹、LED)
2 =220VAC(霓虹、LED)
3 =380VAC(霓虹)
4 =440VAC(霓虹)
5 =6VAC/DC(鎢絲、LED)
6 =18VAC/DC (鎢絲、LED)
7 =24VAC/DC(鎢絲、LED)
8 =30VAC/DC(鎢絲、LED)
9 =12VAC/DC(鎢絲、LED)

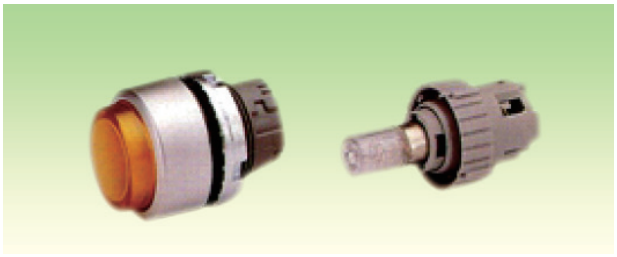
4. 燈　泡
I = 鎢絲燈泡
N = 霓虹燈泡
L = LED燈泡

5. 顏　色
R = 紅
G = 綠
Y = 黃
W = 白
BL = 藍
O = 橘

Signalling unit (Normal)

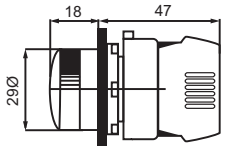


Signalling unit (Simple)



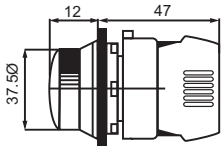
R2LIF





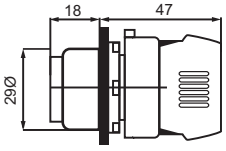
R3LIF





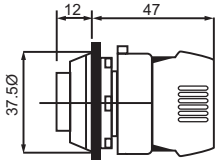
R2LIH





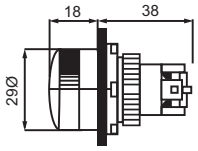
R3LIH





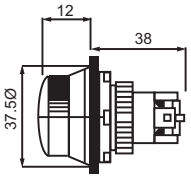
R2LUF





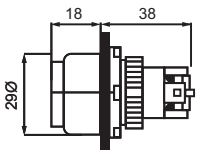
R3LUF





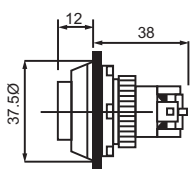
R2LUH





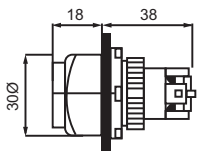
R3LUH





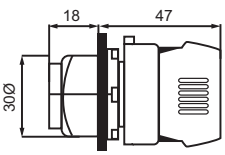
RSLUH





RSLIH





TYPE NUMBER NOMENCLATURE



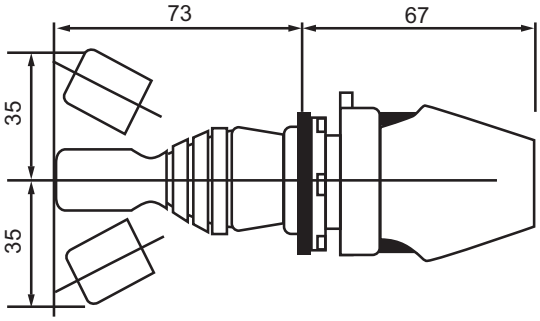
1.固定孔徑
R2=22Ø Round
R3=30Ø Round
(可用配件轉換)

2. 型　式
MN=十字

3.操作方式
T=複歸
F=保持

4. 方　向
2=上下二方向
4=上下左右四方向

5. 接　點
1A=單向1A
1C=1A1B上下各1A
2C=2A2B上下左右各1A



TYPE NUMBER NOMENCLATURE

1.固定孔徑
R2=22Ø
Round

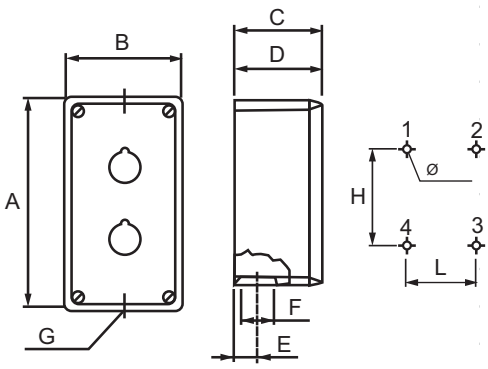
2. 型　式
BX1=1孔
BX2=2孔
BX3=3孔
BX4=4孔
BX5=5孔

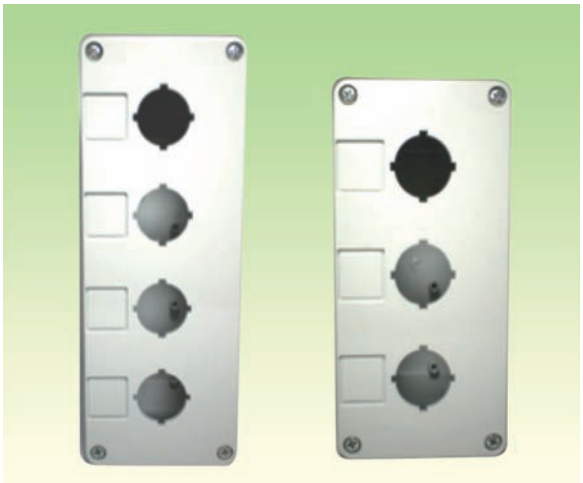
3. 顏　色
W= 白蓋白底
Y= 黃蓋白底

4.標　籤
詳見右表

型式\尺寸	A	B	C	D	E	F	HxLxØmax
BX1	65	70	63	52	24	21.5	53x38x4.5
BX2	100	70	63	52	24	21.5	88x38x4.5
BX3	140	70	63	52	24	21.5	128x38x4.5
BX4	178	70	63	52	24	21.5	167x38x4.5
BX5		70	63	52	24	21.5	

B-01	B-02
B-03	**B-04**
ON OFF	ON OFF ON
B-05	**B-06**
STOP	START
B-07	**B-08**
EM.STOP	RESET

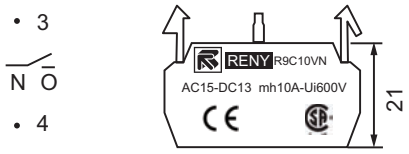
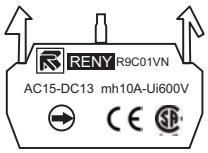
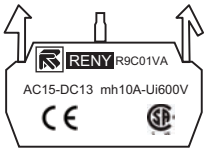
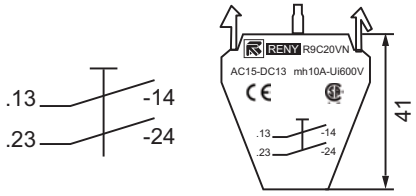
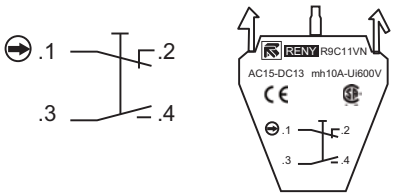
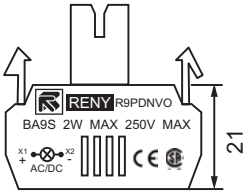
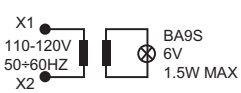
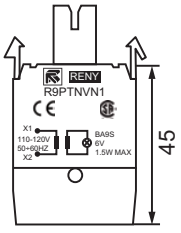
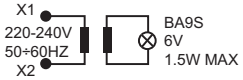
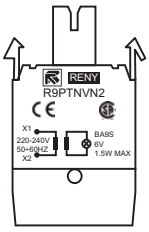






TYPE NUMBER NOMENCLATURE

Contact Blocks 接點組

	接點圖		代號
		**NO**	**R9C10VN**
		**NC**	**R9C01VN**
		**NO**	**R9C10VA**
		**NO+NO**	**R9C20VN**
		**NO+NC**	**R9C11VN**
		**IEC:BA9S max 380V-2W** **CSA:BA9S max 250V-2W**	**R9PDNVS**
	 	**IEC:BA9S max 380V-2W** **CSA:BA9S max 250V-2W**	**R9PDNVO**
	 	**110 / 6V**	**R9PTNV1**
	 	**220 / 6V**	**R9PTNV2**

TYPE NUMBER NOMENCLATURE

Color Lens 色蓋	Type NO.訂購代號	Fill in the color code in□ (在□內填入顏色代號)	
	R9LRGH □代號	R.G.Y.W.BL	
	R9LRGF2 □代號 R9LRGF3 □代號	R.G.Y.W.BL	
	R9PRGF □代號	R.G.Y.W.BL	
	R9PRGM4 □代號	R.G.Y.BL	
	R9PSGD □代號	R.G.O.W	Color： R.G.Y.O.W.B.BL R=Red(紅) R=Green(綠)G
	R9SRGS □代號	R.G.Y.W.BL	Y=Yellow(黃)Y
	R9SRGL □ 代號	R.G.Y.W.BL	O=Orange(橘)O
	R9PRBF □ 代號	R.G.Y. W.B.BL	W=Whiet(白)W B=Black(黑)B
	R9PRBH □ 代號	R.G.Y.B.BL	BL=Blue(藍)BL
	R9PRBM3 □代號	R.G.Y.B.	
	R9PRBM4 □代號	R.G.Y.B.BL	
	R9PRBM6 □代號	R.G	
	R9SRBS □代號	R.G.Y.B.BL	
	R9SRBL □代號	R.G.Y.B.BL	
	R9PRGP- 0	色蓋及標示	
	R9PRGP- 1	色蓋及標示	

COMMON ACCESSORIES 配件		
	R9FRS-H	
	R9FRS-L	
	R9FRB-H	
	R9FRB-L	
	R9TRM2	22Ø固定牙環
	R9TRP2	25Ø固定牙環
	R9TRP3	30Ø固定牙環
	R9ACFS3	3P四角卡座
	R9ACFS5	5P四角卡座
	R2PRCF	平頭押扣矽膠防塵蓋
	R2PRCH	凸頭押扣 凸頭照光 矽膠防塵蓋 平頭照光
	R2PRCD	雙頭押扣防塵蓋
	R9GRCF	PC平頭押扣保護蓋
	R9GRM4	Ø40緊急開關保護蓋
	R9ANK-1 -2 -3	鎖柄
	R9TS	固定環工具把手