



TYPE NUMBER NOMENCLATURE

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℃		

尺寸		Ø 22	Ø 25	Ø 30
D	面板孔徑	22.5	25.5	30.5
	標準頭部	45min	45min	45min
	長柄選擇	50	50	50
	二點照光按鈕	60	60	60
	Ø60大頭按鈕	61	61	61
A	十字開關	70	70	70
	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)
	Ø40大頭按鈕	41 (51)	41 (51)	41 (51)
B	Ø60大頭按鈕	61	61	61
	十字開關	70	70	70

說明

形狀、材質、顏色

R9系列生品包含三種不同型式的組合

- 圓形22m/m, 用尼龍加纖維及防火材料
鋁合金款及黑款
 - 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R9產品有多種顏色和款式可供選擇, 同時也是高級高級工業設計經驗的結晶。

Shape, Material and Color

The R9 series consists of 3 different types of combinations

- round, 22 m/m, made of nylon, fiber, and fireproof material
- round, 30 m/m, gray color, made of nylon, fiber and fireproof material
- square, 22m/m, gray color; made of nylon, fiber, and fireproof material

The elegant, modern and ergonomic R9 products have various colors and types. Available to choice, and are the result of superior industrial design experience. These characteristics allow the R9 products to be used in most industrial environments and enable them to satisfy any sophisticated industrial application.



安裝方式

R9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。

Mounting Systems

The R9 line offers a wide variety of products, contact blocks and power supplies. All of them are completely interchangeable in a "easy-to-assemble" fashion thanks to an innovative flange mechanism designed to reduce the assembly time to a minimum. Furthermore, to satisfy particular applications needs, a range of products, contact blocks and power supplies are available for base mounting.



安裝和放在適當位置

根據IEC529, 所有的R9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。

Fitting and Positioning

According to the IEC529, all the R9 products contain a "U" shape device that seals it in a way that it meets the standards of the IP65 which makes it not only waterproof, but also oil-proof, and dustproof. A locating tab on the product's body allows the correct positioning on panels with drilled holes.

The tab also ensures panel stability because it prevents unwanted rotation during the panel mounting and maintenance procedures. The tab can be removed with a screwdriver for applications where the holes do not have a notch.





TYPE NUMBER NOMENCLATURE

1. 固定孔徑

R2 = 22 ϕ RoundR3 = 30 ϕ RoundR25=25 ϕ RoundRS = 22 ϕ 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

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 = 0

2 = 1



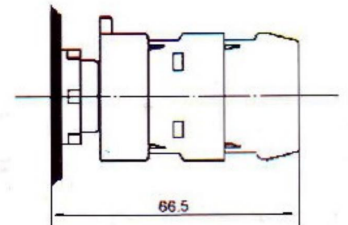
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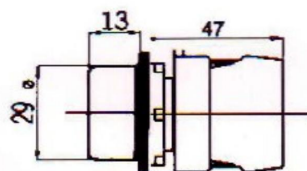


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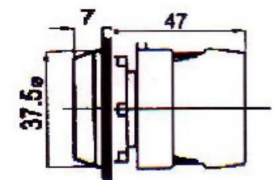


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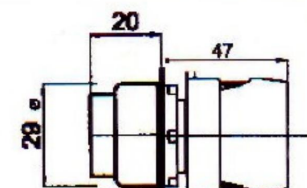
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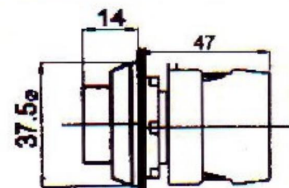
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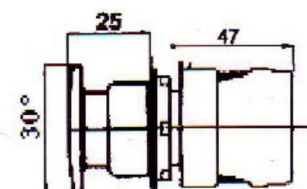
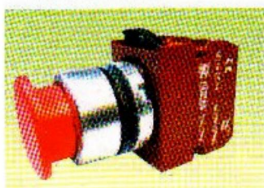
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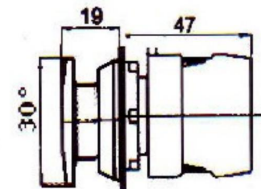
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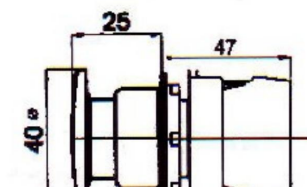
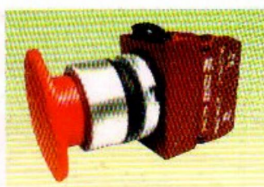
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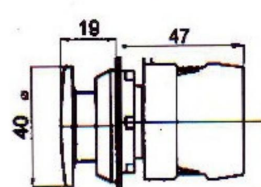
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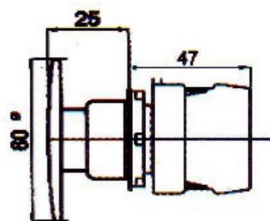
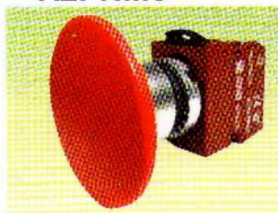
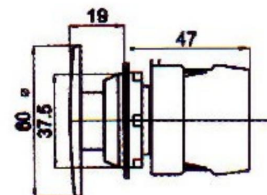
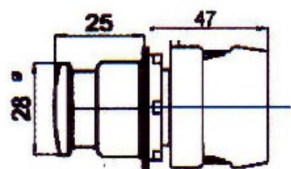
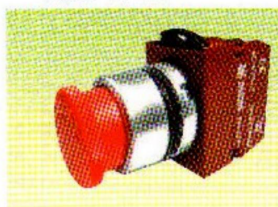
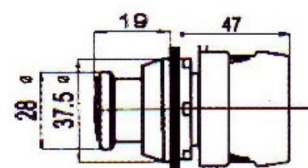
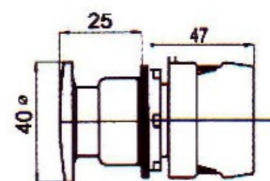
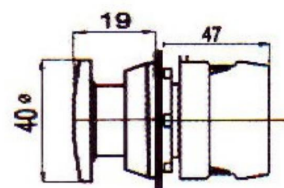
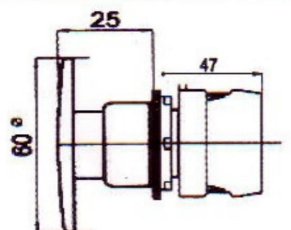
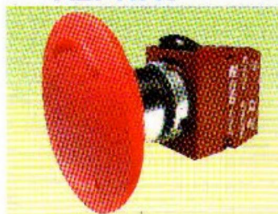
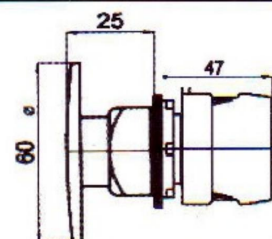
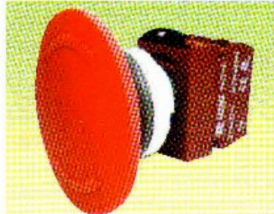
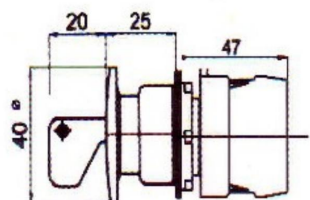
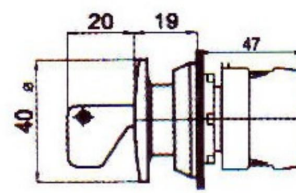
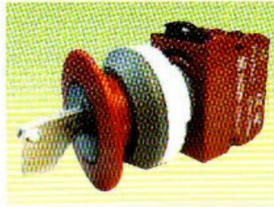
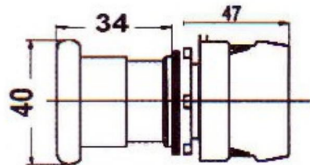
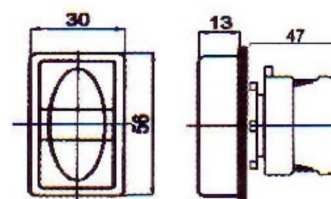
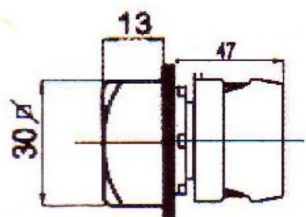
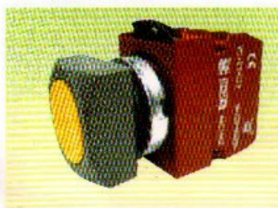
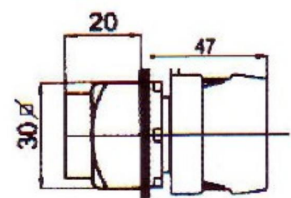
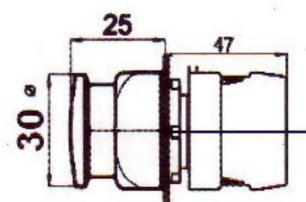
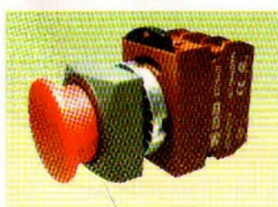
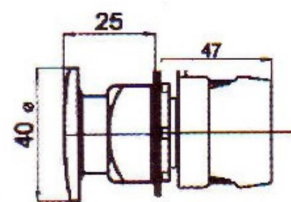


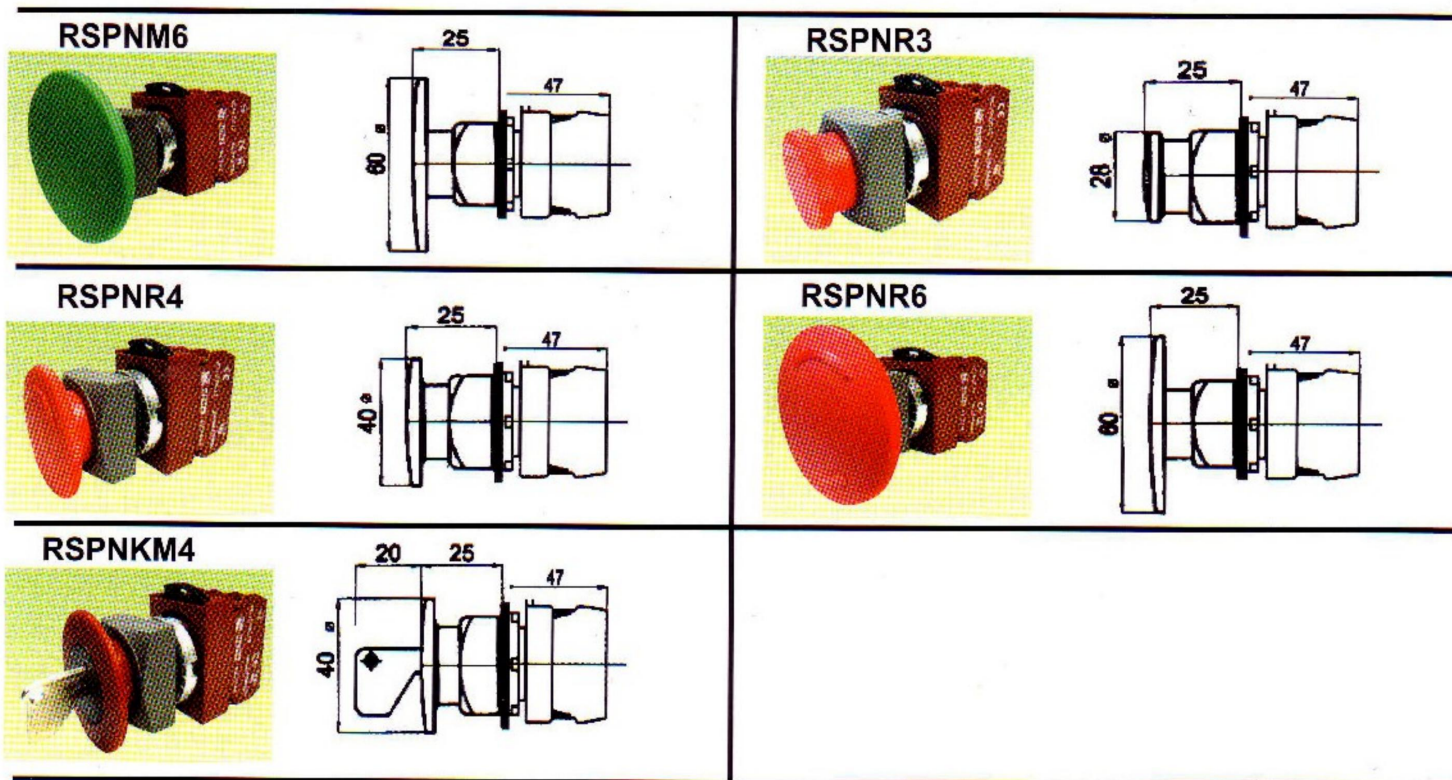
R2PNM4



R3PNM4



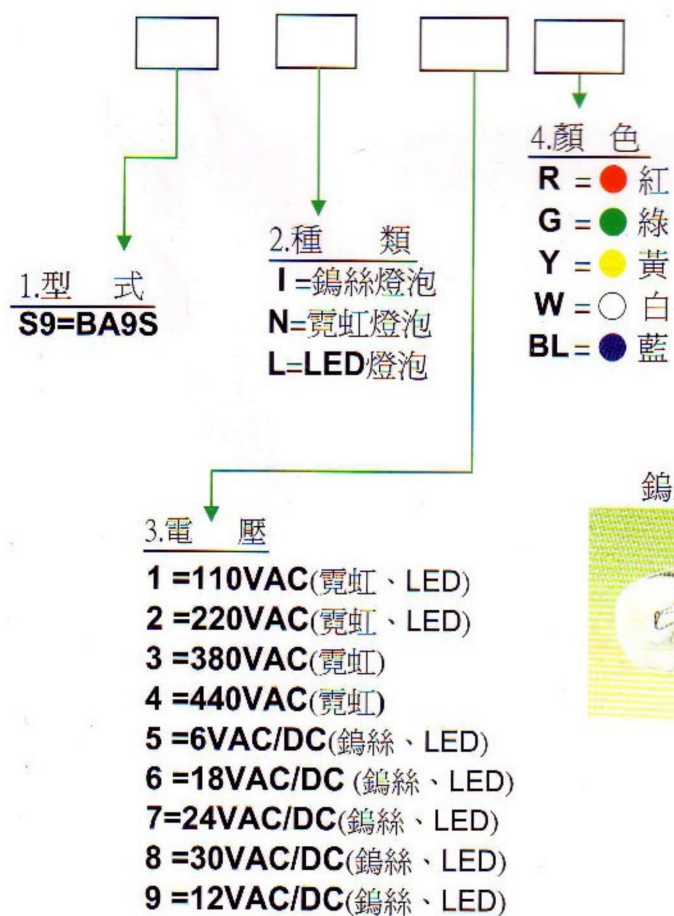
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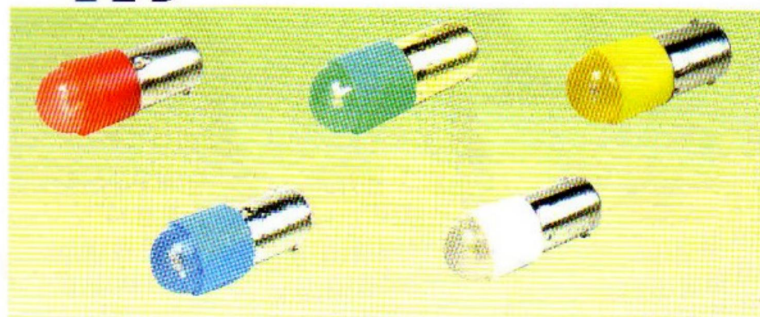
產品燈泡

IP65

TYPE NUMBER NOMENCLATURE



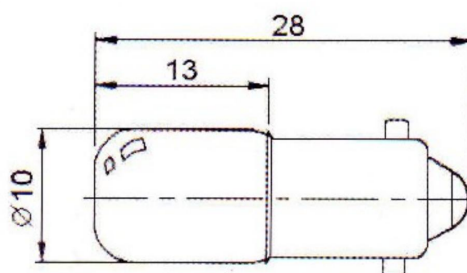
LED



鎢絲

霓虹(紅)

霓虹(綠)





TYPE NUMBER NOMENCLATURE

1. 固定孔徑

R2=22 ϕ Round
R3=30 ϕ Round
R25=25 ϕ Round
RS=22 ϕ 方圓型
Square

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= 代表沒 0 三段均有接點

2. 型式

SNS=短柄選擇

SNL=長柄選擇

SNK=鑰匙開關

7. 顏色

R = 紅
G = 綠
Y = 黃
B = 黑
BL = 藍

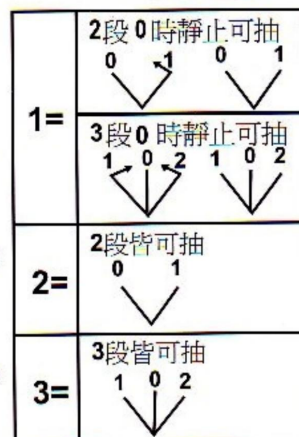
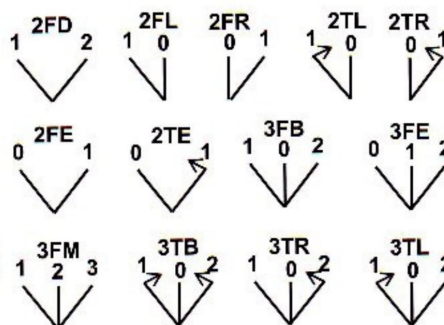
7. 抽取位置

★鎖匙 0 的位置

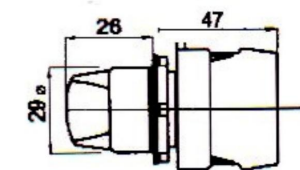
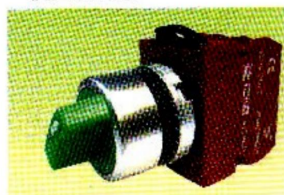
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★複歸的那一邊

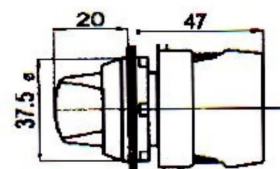
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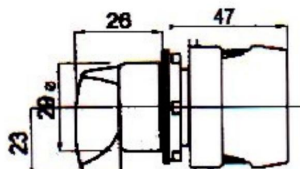
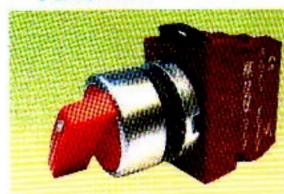
R2SNS



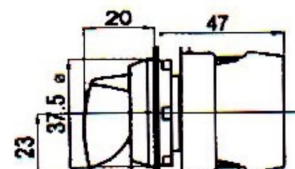
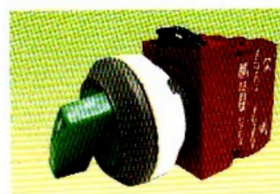
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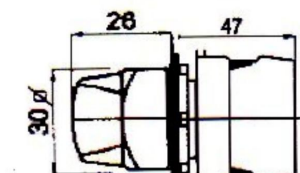
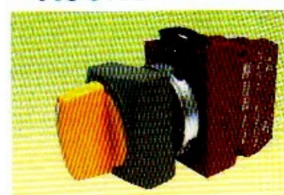
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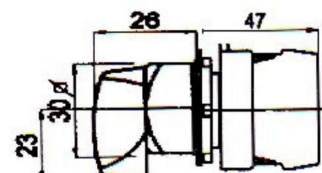
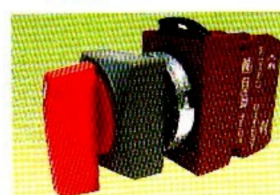
R3SNL



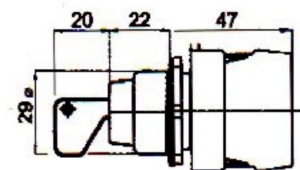
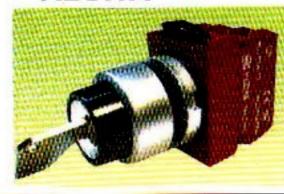
RSSNS



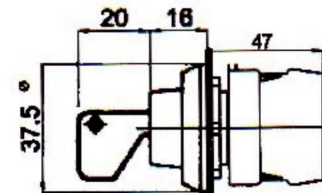
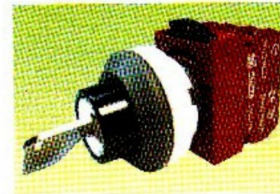
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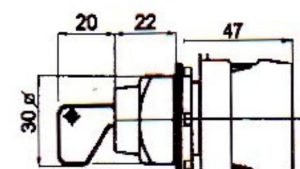
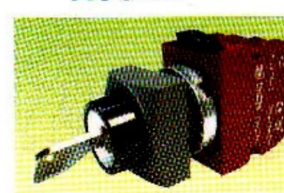
R2SNK



R3SNK



RSSNK



TYPE NUMBER NOMENCLATURE

1. 固定孔徑

R2=22 ϕ Round
R25=25 ϕ Round
R3=30 ϕ Round
RS=22 ϕ 方圓型
Square

2. 型式

PIF= 照光平頭附護圈
PIH= 照光凸頭
PIM4= 照光大頭
PID=雙頭照光

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
2A=2A

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)

6. 顏色

R = ● 紅
G = ● 綠
Y = ● 黃
W = ○ 白
BL = ● 藍
O = ● 橘

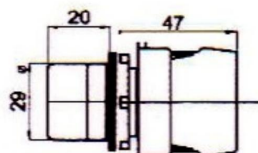
8. 印字

空白=不加印字
1 = 0
2 = 1

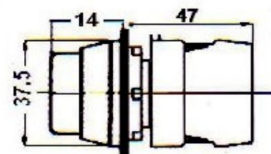
7. 燈泡

I = 鎢絲燈泡
N = 霓虹燈泡
L = LED燈泡

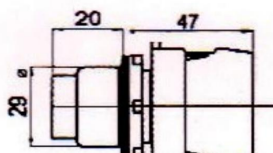
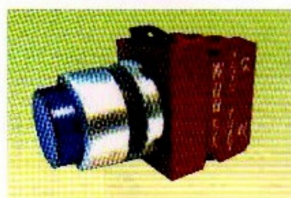
R2PIF



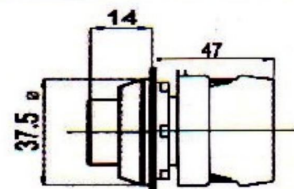
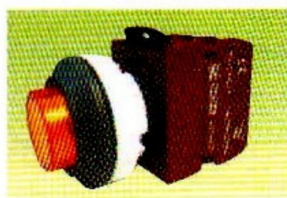
R3PIF



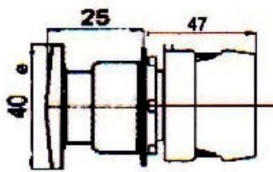
R2PIH



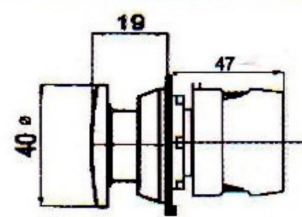
R3PIH



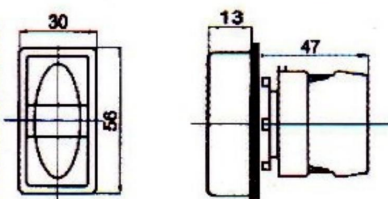
R2PIM4



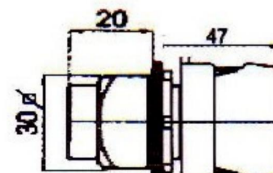
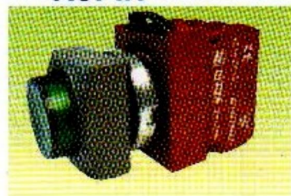
R3PIM4



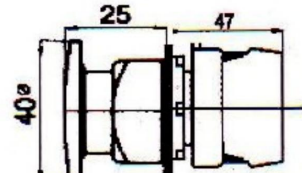
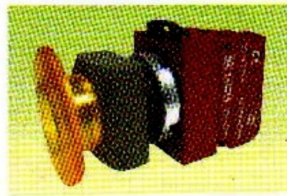
R2PID



RSPIH

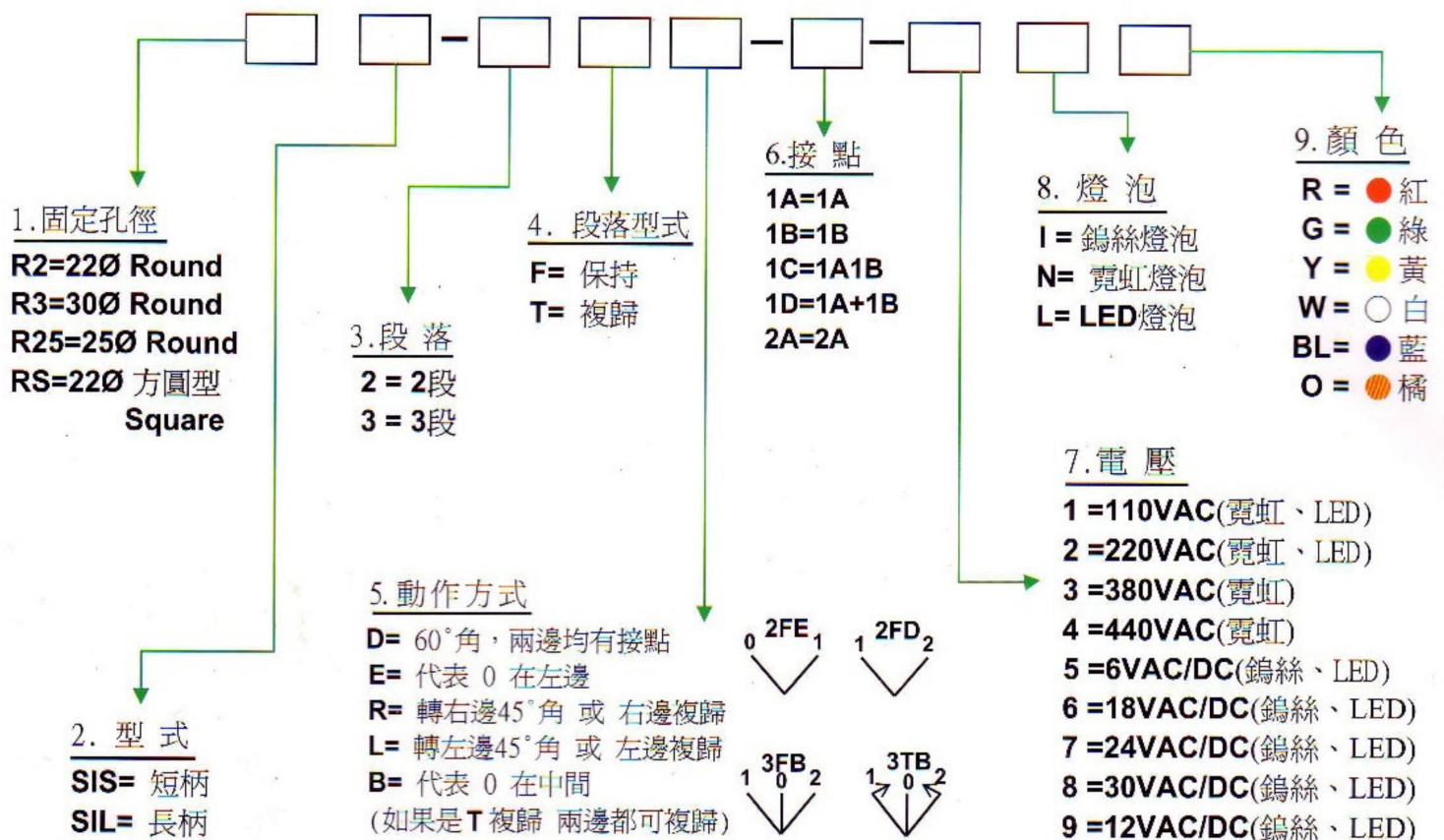


RSPIM4

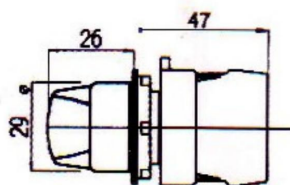
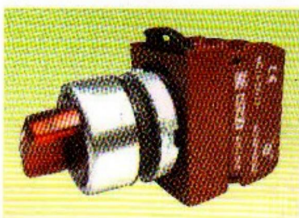




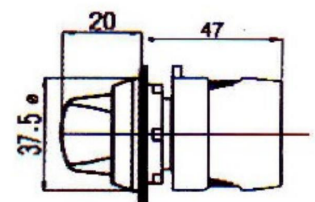
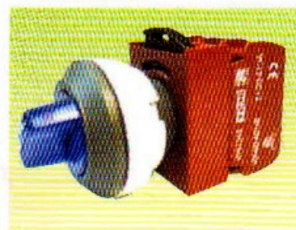
TYPE NUMBER NOMENCLATURE



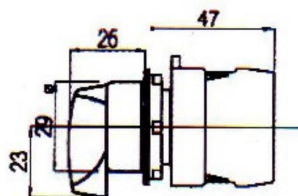
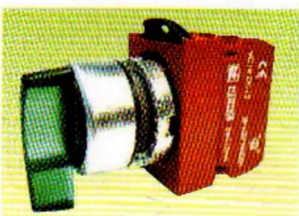
R2SIS



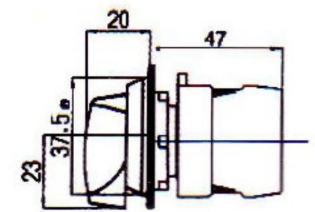
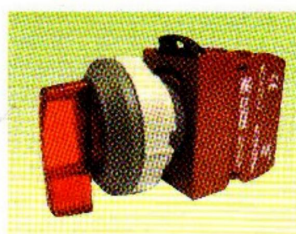
R3SIS



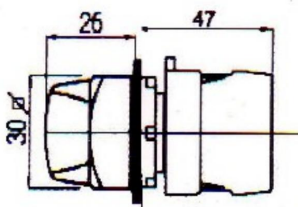
R2SIL



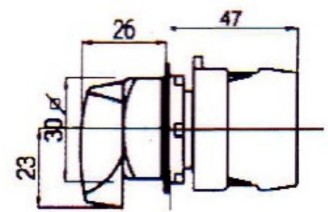
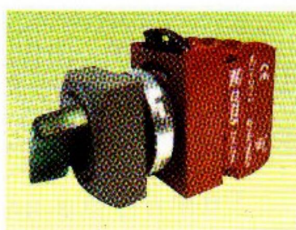
R3SIL



RSSIS



RSSIL





TYPE NUMBER NOMENCLATURE

1. 固定孔徑

R2 = 22 ϕ Round
R25 = 25 ϕ Round
R3 = 30 ϕ Round
RS = 22 ϕ 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

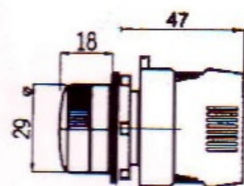
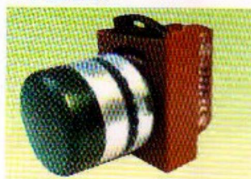
Signalling unit (Normal)



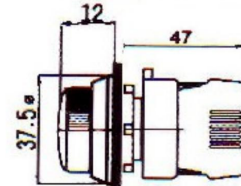
Signalling unit (Simple)



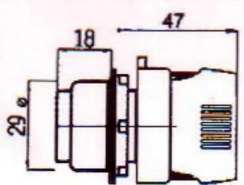
R2LIF



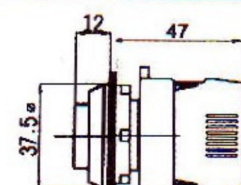
R3LIF



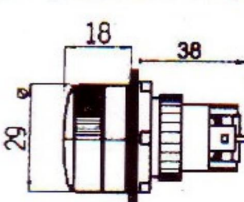
R2LIH



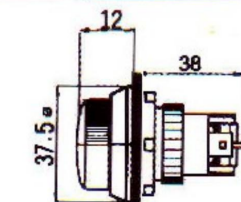
R3LIH



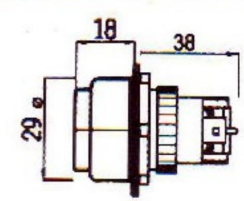
R2LUF



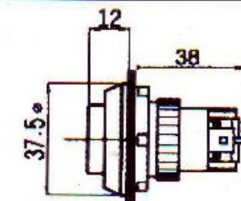
R3LUF



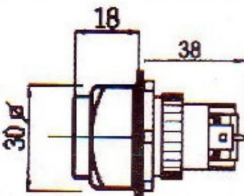
R2LUH



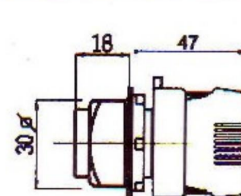
R3LUH



RSLUH



RSLIH

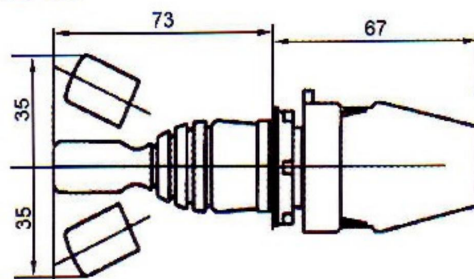
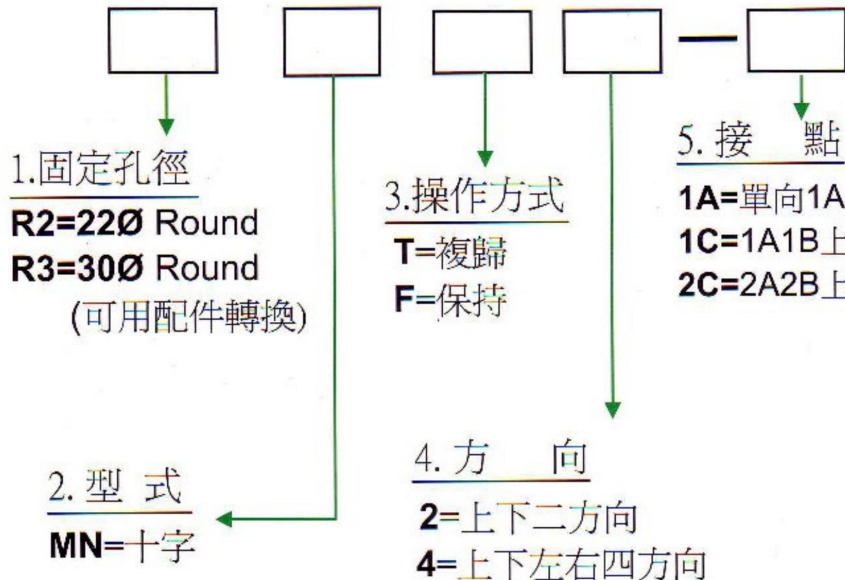




22Ø 十字開關

IP65

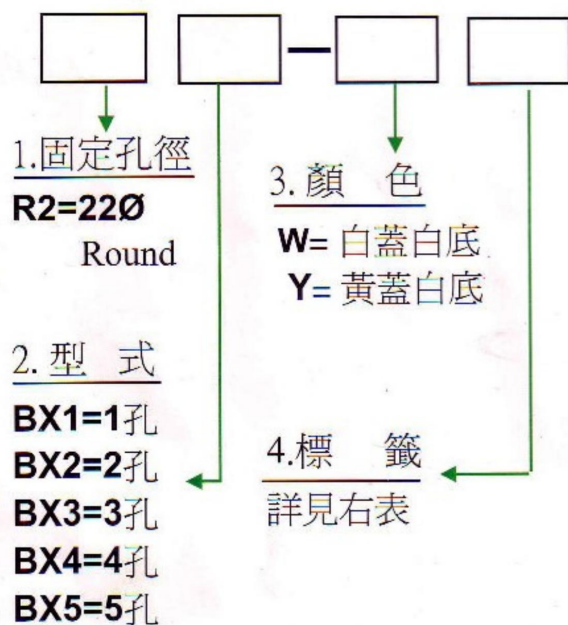
TYPE NUMBER NOMENCLATURE



22Ø 控制盒

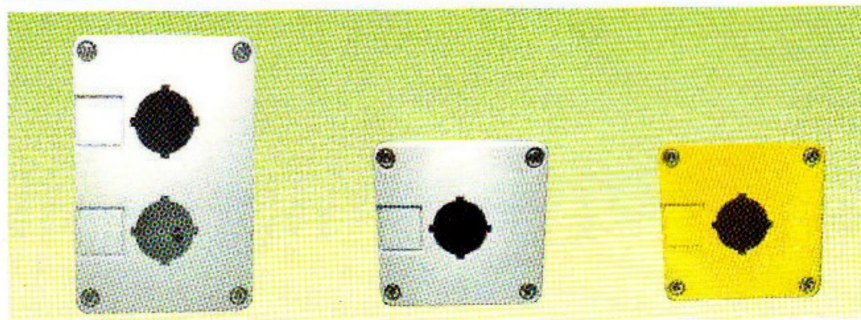
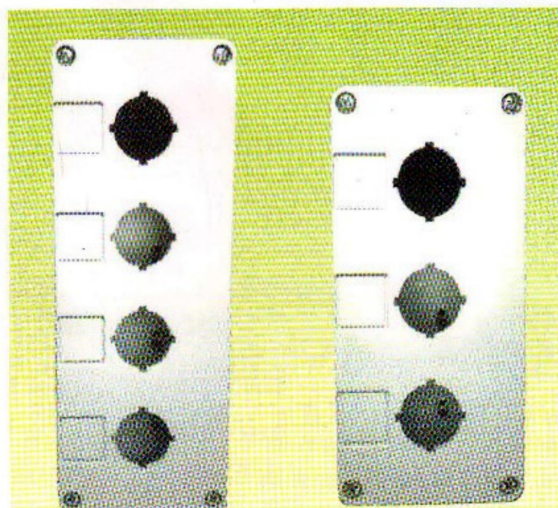
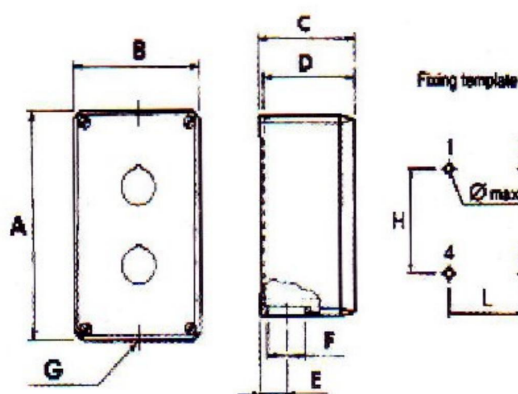
IP65

TYPE NUMBER NOMENCLATURE



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





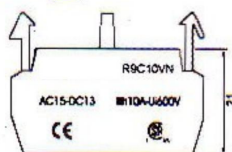
TYPE NUMBER NOMENCLATURE

Contact Blocks 接點組

接點圖

代號

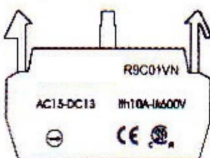
- 3
- N O
- 4



NO

R9C10VN

- 1
- N C
- 2



NC

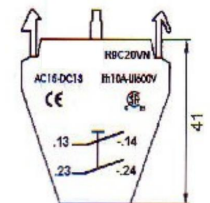
R9C01VN

- 3
- N O
- 4



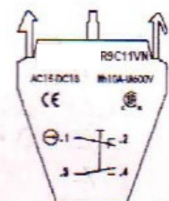
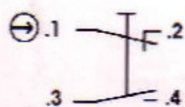
NO

R9C10VA



NO+NO

R9C20VN



NO+NC

R9C11VN



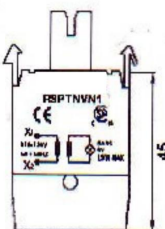
IEC:BA9S max 380V-2W
CSA:BA9S max 250V-2W

R9PDNVS



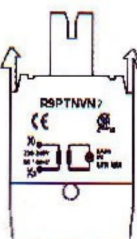
IEC:BA9S max 380V-2W
CSA:BA9S max 250V-2W

R9PDNVO



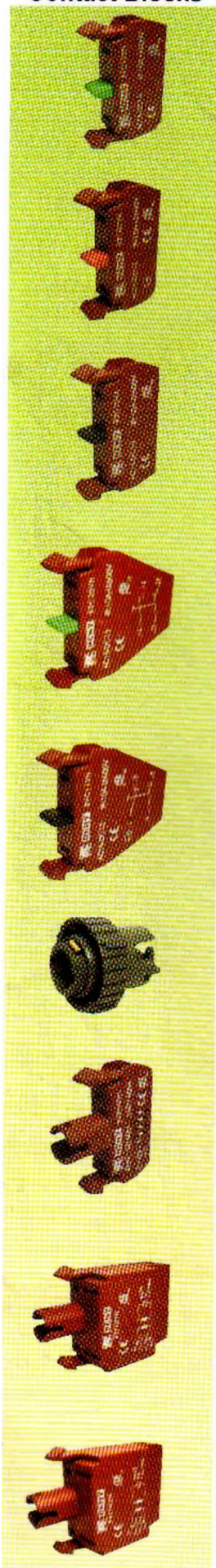
110 / 6V

R9PTNV1



220 / 6V

R9PTNV2





產品配件

IP65

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)	COMMON ACCESSORIES 配件
	R9LRGH ☐ 代號	R.G.Y.W.BL	 R9FRS-H
	R9LRGF2 ☐ 代號 R9LRGF3	R.G.Y.W.BL 2=22 3=30	 R9FRS-L
	R9PRGF ☐ 代號	R.G.Y.W.BL	 R9FRB-H
	R9PRGM4 ☐ 代號	R.G.Y.BL	 R9FRB-L
	R9PSGD ☐ 代號	R.G.O.W Color : R.G.Y.O.W B.BL R=Red(紅) R=Green(綠)G Y=Yellow(黃)Y	 R9TRM2 20Ø固定牙環
	R9SRGS ☐ 代號	R.G.Y.W.BL	 R9TRP2 25Ø固定牙環
	R9SRGL ☐ 代號	R.G.Y.W.BL O=Orange(橘)O W=Whiet(白)W B=Black(黑)B BL=Blue(藍)BL	 R9TRP3 30Ø固定牙環
	R9PRBF ☐ 代號	R.G.Y. W.B.BL	 R9ACFS3 3P四角卡座
	R9PRBH ☐ 代號	R.G.Y.B.BL	 R9ACFS5 5P四角卡座
	R9PRBM3 ☐ 代號	R.G.Y.B.	 R2PRCF 平頭押扣矽膠防塵蓋
	R9PRBM4 ☐ 代號	R.G.Y.B.BL	 R2PRCH 凸頭押扣 凸頭照光 矽膠防塵蓋 平頭照光
	R9PRBM6 ☐ 代號	R.G	 R2PRCD 雙頭押扣防塵蓋
	R9SRBS ☐ 代號	R.G.Y.B.BL	 R9GRCF PC平頭押扣保護蓋
	R9SRBL ☐ 代號	R.G.Y.B.BL	 R9GRM4 Ø40緊急開關保護蓋
	R9PRGP-0	色蓋及標示	 R9ANK-1 -2 -3 鎖柄
	R9PRGP-1	色蓋及標示	 R9TS 固定環工具把手