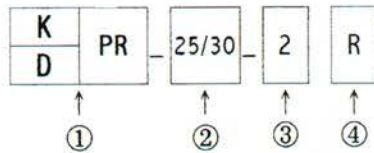




Pilot Lamp

型號說明 Model Designation :



註 Note :

1. 直接式不需經由變壓器(全電壓式)
The direct input type has no transformer for all range
2. 閃光指示燈僅有 $\Phi 30\text{mm}$
Flashing Type Is $\Phi 30\text{mm}$ Only
3. 耐電壓 AC2500V 一分鐘, 絕緣電阻 AC500V 之下, 100m Ω 以上
Dielectric strength AC2500V for 1 minute, and insulation resistance over 100m Ω under AC500V
4. $\Phi 25\text{mm}$ 使用 E10、D10 燈泡, $\Phi 30\text{mm}$ 使用 E12、D12 燈泡
E10、D10 bulbs are for $\Phi 25\text{mm}$ series, and E12、D12 bulbs are for $\Phi 30\text{mm}$
5. 為配合環保用料政策, 本系列產品之護圈恕不再提供電鍍, 如有需要請於訂購時註明
To comply with the environment protection policy, there would be no more plating for the protecting ring of the K series PB., PL., and Sw.. Please kindly notify with order if you still demand the plated rings

項次 Item	代號 Model No.		說明 Description									
1.孔徑 Diam	25		Φ25mm		D : LED							
	30		Φ30mm									
2.型式 Type	KPR(DPR)		Round Type			圓形指示燈 (LED)						
	KPQ(DPQ)		Square Type			方形指示燈 (LED)						
	KPM(DPM)		Round Type (Large Φ60mm)			中型指示燈 (LED)						
	KPL(DPL)		Round Type (Large Φ80mm)			特大指示燈 (LED)						
	KPRF(DPRF)		Flash Type (Round)			圓形閃光指示燈 (LED)						
	KPQF(DPQF)		Flash Type (Square)			方形閃光指示燈 (LED)						
	KPMF(DPMF)		Flash Type (Large Φ60mm)			中型閃光指示燈 (LED)						
	KPLF(DPLF)		Flash Type (Large Φ80mm)			特大閃光指示燈 (LED)						
3.電壓 Voltage	1		110V		2		220V		3		380V	
	4		440V		5		AC6.3V(DC)		6		AC18V(DC)	
	7		AC24V(DC)		8		AC30V(DC)		9		AC12V(DC)	
4.顏色 Color	R	紅色 Red	G	綠色 Green	O	橘色 Orange	W	白色 White	Bu	藍色 Blue		

燈泡種類與規格 Lamp Types & Specification :



鎢絲燈泡
Tungsten

種類 TYPE	電壓 Voltage
E10-5 E12-5	6V
E10-6 E12-6	18V
E10-7 E12-7	24V
E10-8 E12-8	30V
E10-9 E12-9	12V



霓虹燈泡
Neon

種類 TYPE	電壓 Voltage	顏色 Color
E10-110-R、E12-110-R	110VAC	紅 RED
E10-110-G、E12-110-G	110VAC	綠 Green
E10-220-R、E12-220-R	220VAC	紅 RED
E10-220-G、E12-220-G	220VAC	綠 Green
E10-380-R、E12-380-R	380VAC	紅 RED
E10-380-G、E12-380-G	380VAC	綠 Green
E10-440-R、E12-440-R	440VAC	紅 RED
E10-440-G、E12-440-G	440VAC	綠 Green



LED

D10 : 6V、24V、110V、220V
D12 : 12V、18V、24V、110V、220V

種類 TYPE	晶粒 Crystalline	顏色 Color
D10-V-R D12-V-R	3	紅 RED
D10-V-G D12-V-G	1、2	綠 Green
D10-V-Y D12-V-Y	3	黃 Yellow
D10-V-W D12-V-W	2	白 White
D10-V-Bu D12-V-Bu	2	藍 Blue

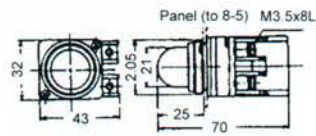


Pilot Lamp

指示燈

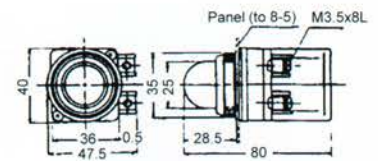
• KPR-25

• DPR-25 (LED)



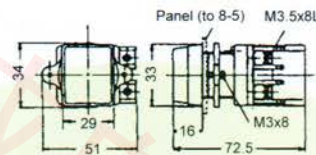
• KPR-30

• DPR-30 (LED)



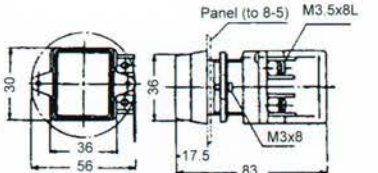
• KPQ-25

• DPQ-25 (LED)



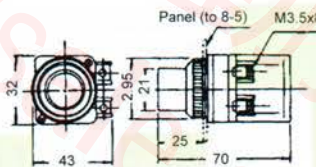
• KPQ-30

• DPQ-30 (LED)



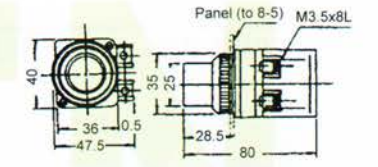
• KPF-25

• DPF-25 (LED)



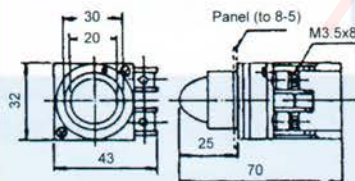
• KPF-30

• DPF-30 (LED)



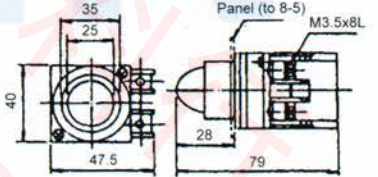
• KPRU-25

• DPRU-25 (LED)



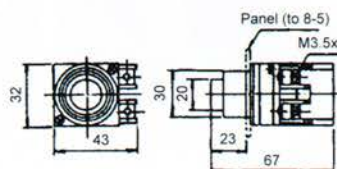
• KPRU-30

• DPRU-30 (LED)



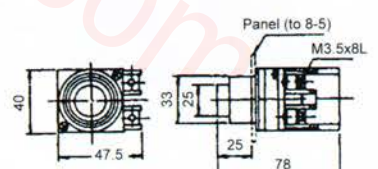
• KPFU-25

• DPFU-25 (LED)

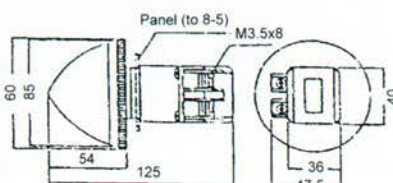


• KPFU-30

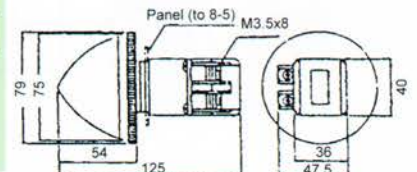
• DPFU-30 (LED)



• KPM-25/30 • DPM-25/30 (LED) 60m/m
($\varnothing$ 25mm or $\varnothing$ 30mm)



• KPL-30 • DPL-30 (LED) 80m/m



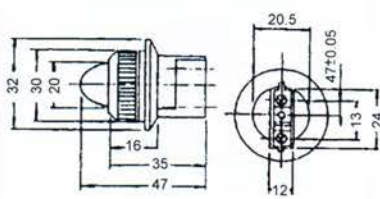


Pilot Lamp

指示燈

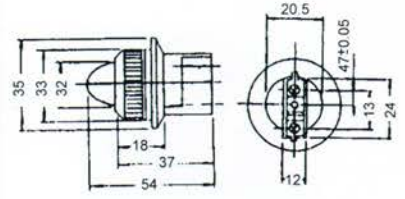
• ERN-25

• DRN-25 (LED)



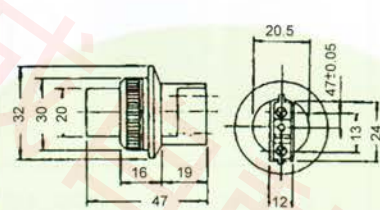
• ERN-30

• DRN-30 (LED)



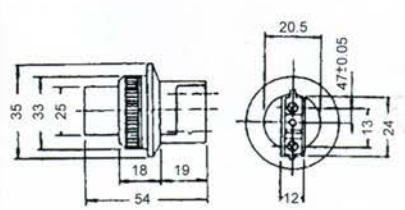
• EFN-25

• DFN-25 (LED)



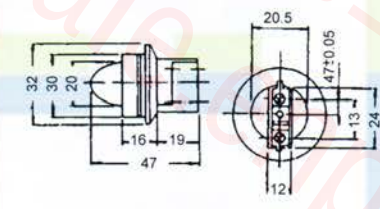
• EFN-30

• DFN-30 (LED)



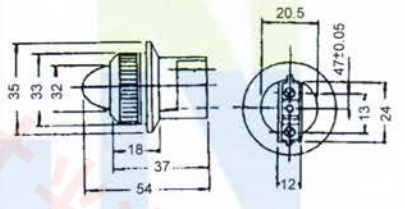
• ERUN-25

• DRUN-25 (LED)



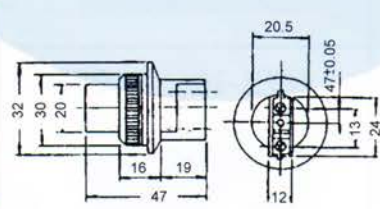
• ERUN-30

• DRUN-30 (LED)



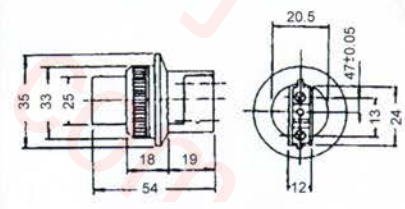
• EFUN-25

• DFUN-25 (LED)



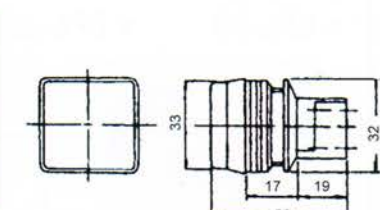
• EFUN-30

• DFUN-30 (LED)



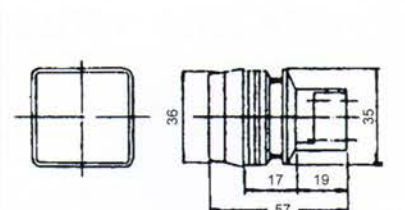
• ESN-25

• DSN-25 (LED)



• ESN-30

• DSN-30 (LED)

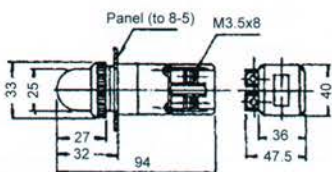


Pilot Lamp

指示燈

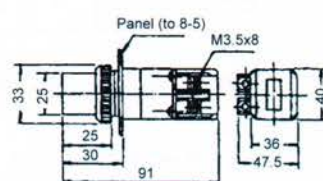
• KPRF-30

• DPRF-30 (LED)



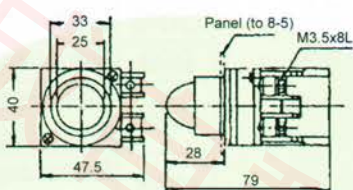
• KPFF-30

• DPFF-30 (LED)



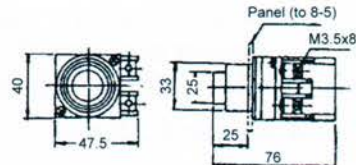
• KPRFU-30

• DPRFU-30 (LED)



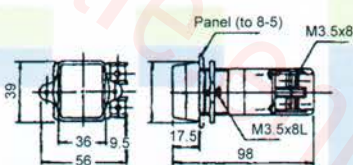
• KPFFU-30

• DPFFU-30 (LED)



• KPSF-30

• DPSF-30 (LED)

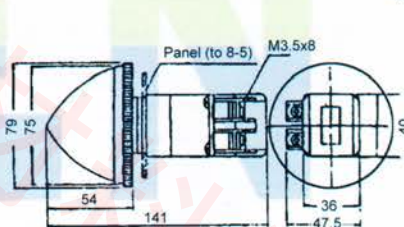


• KPLF-30

• DPLF-30 (LED)



80m/m

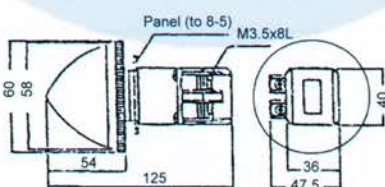


• KPMF-30

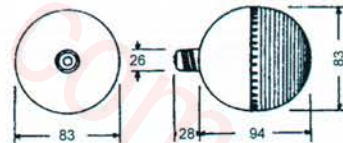
• DPMF-30 (LED)



60m/m



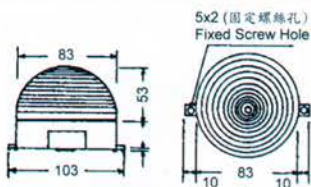
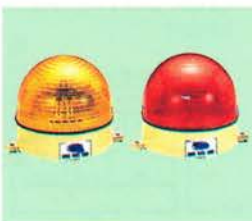
• D-200 (雷光燈) DC 6/12/24V AC 110/220V



• D-300

DC 6/12/24V

AC 110/220V

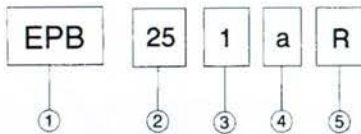




Push Button Switch

按
鈕
開
關

型號說明 Model Designation :



註 Note :

- 耐電壓 AC2500V 一分鐘
Dielectric Strength AC2500V for 1 Minute
- 絕緣電阻 AC500V 之下, 100mΩ 以上
Over 100mΩ under AC500V
- 通電增溫 Temperature Rise :
接點低於 30℃ At Contacts Less Than 30℃
端子低於 25℃ At Terminals Less Than 25℃
(室溫 40℃, 通電電壓 10Amp)
(Ambient Temperature 40℃, continuous current 10 Amp)
- 周圍溫度 Ambient Temperature : -20℃ ~ 60℃

規格 Specifications :

交流電 Alternate Current	AC125V	AC250V	AC500V	AC600V
	10A	6A	3A	2A
直流電 Direct Current	DC125A	DC250V	DC600V	
	2A	1A	0.4A	

接點座尺寸 Contact Block Sizes :

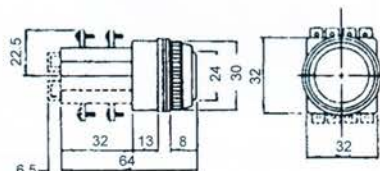
接點種類 Type	長 Length	寬 Width	高 Height
1a1b	32.5	14.5	35
1a or 1b	32.5	14.5	26

項次 Item	代號 Model No.	說明 Description	
1.孔徑 Diam	25	Φ25mm	
	30	Φ30mm	
2.型式 Type	EPB	Flat Head	平頭
	OB	Protrude Head	凸頭
	MB	Mushroom Head	大頭
	WB	Waterproof Type	防水型
	RB	Latch Mushroom Head	連鎖式
	LRPB	Latch Extra Large Head	特大頭連鎖
	BPB	Extra Large Head	特大頭
	CB	Mushroom Head with Protecting Ring	護圈式
3.接點數 Contact	1	1 組 / 1 Set	
	2	2 組 / 2 Sets	
	3	3 組 / 3 Sets	
	4	4 組 / 4 Sets	
4.接點種類 ContadType	(None)	1a1b (NO-NC)	
	A	1a (NO)	
	B	1b (NC)	
5.顏色 Color	R	紅 Red	Y 黃 Yellow
	G	綠 Green	B 黑 Black

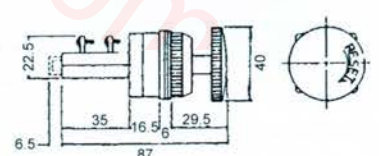


為配合環保用料政策, 本系列產品之護圈恕不再提供電鍍, 如有需要請於訂購時註明
To comply with the environment protection policy, there would be no more plating for the protecting ring of the K series PB., PL., and Sw..
Please kindly notify with order if you still demand the plated rings

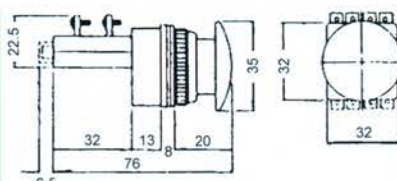
• EPB-251 (Φ25mm) • EPB-301 (Φ30mm)



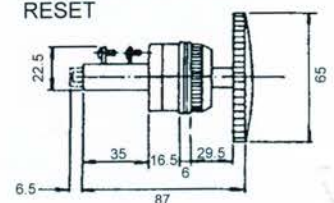
• RB-251 (Φ25mm) • RB-301 (Φ30mm)
RESET RESET



• MB-251 (Φ25mm) • MB-301 (Φ30mm)



• LRB-251 (Φ25mm) • LRB-301 (Φ30mm)
RESET RESET

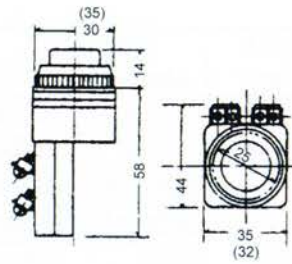
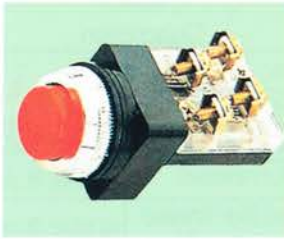




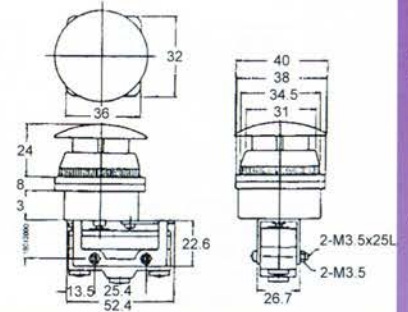
Push Button Switch

按鈕開關

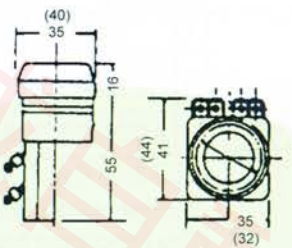
- OB-251 (Ø 25mm)
- OB-301 (Ø 30mm)



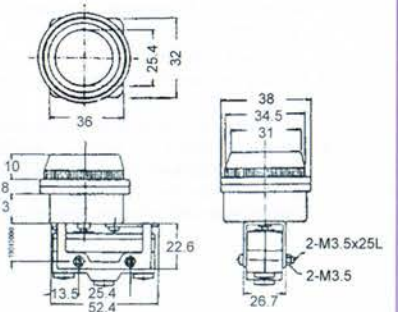
- MBM-301



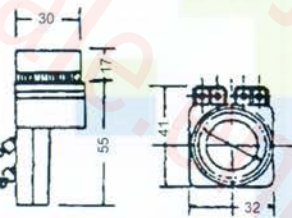
- WB-251 (Ø 25mm)
- WB-301 (Ø 30mm)



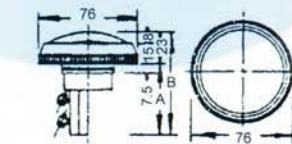
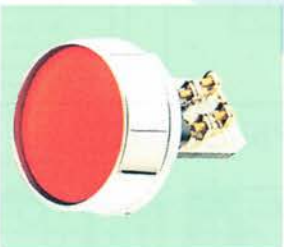
- EPBM-301



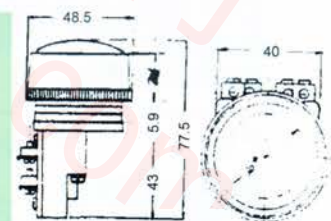
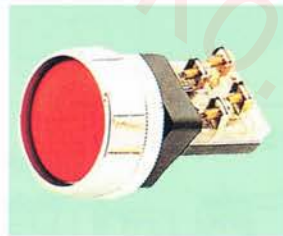
- UB-251 (Ø 25mm)
- UB-301 (Ø 30mm)



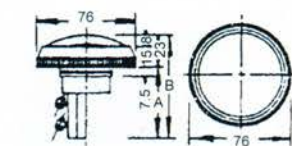
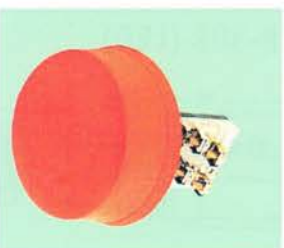
- UMB-301



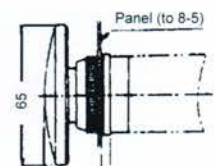
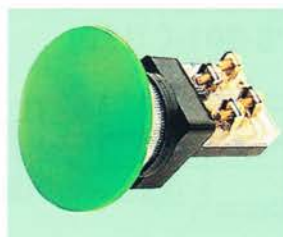
- CB-301



- UWB-301 (防雨型)



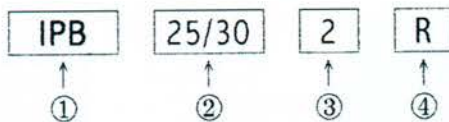
- BPB-301





Illuminate Push Button Switch

型號說明 Model Designation :



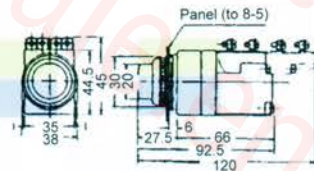
註 Note :

1. 耐電壓 AC2500V 一分鐘
Dielectric Strength AC2500V for 1 Minute
2. 絕緣電阻 AC500V 之下，100mΩ 以上
Over 100mΩ under AC500V
3. 通電增溫 Temperature Rise :
接觸低於 30℃ At Contacts Less Than 30℃
端子低於 25℃ At Terminals Less Than 25℃
(室溫 40℃，通電電壓 10Amp)
(Ambient Temperature 40℃, continuous current 10 Amp)
4. 周圍溫度 Ambient Temperature : -20℃ ~ 60℃
5. 接點座規格及尺寸請參考 P.29
Please Refer to P.29 for Specifications and Sizes of Contact Blocks
6. 為配合環保用料政策，本系列產品之護圈恕不再提供鍍銀，如有需要請於訂購時註明
To comply with the environment protection policy, there would be no more plating for the protecting ring of the K series PB., PL., and SW..
Please kindly notify with order if you still demand the plated rings

項次 Item	代號 Model No.	說明 Description						
1.孔徑 Diam	25	Φ25mm				D : LED		
	30	Φ30mm						
2.型式 Type	IPB(DIPB)	Standard Illuminated				標準照光式		
	NPB(DNPB)	Neon Illuminated				霓虹照光式		
	IPBU (DIPBU)	Standard Illuminated with Protecting Ring				護圈標準照光式		
	NPBU (DNPBU)	Neon Illuminated with Protecting Ring				護圈霓虹照光式		
3.電壓 Voltage	1	110V	2	220V	3	380V		
	4	440V	5	AC6.3V(DC)	6	AC18V(DC)		
	7	AC24V(DC)	8	AC30V(DC)	9	AC12V(DC)		
	LED 燈泡可由 AC6V ~ AC220V，直接式不附變壓器							
	Voltage of the LED is from AC6V to AC220V							
	The direct input type is without transformers							
4.顏色 Color	R	紅色 Red	G	綠色 Green	O	橙色 Orange	W	白色 White

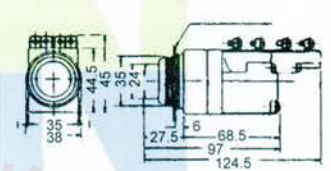
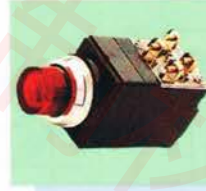
• IPB-25

• DIPB-25 (LED)



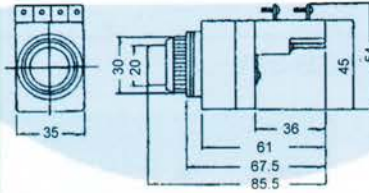
• IPB-30

• DIPB-30 (LED)



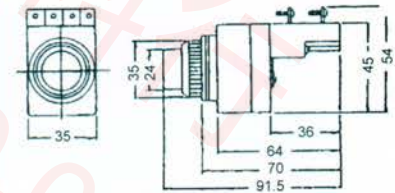
• NPB-25

• DNPB-25 (LED)



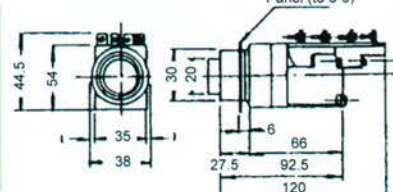
• NPB-30

• DNPB-30 (LED)



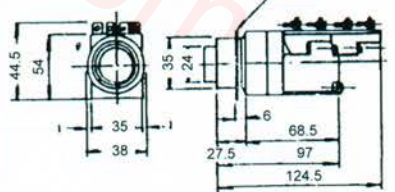
• IPBU-25

• DIPBU-25 (LED)



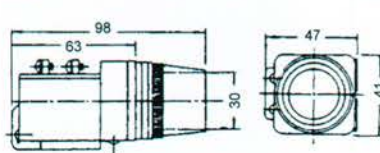
• IPBU-30

• DIPBU-30 (LED)



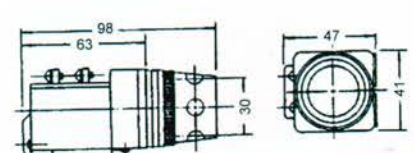
• IPB-301-C

• DIPB-301-C (LED)



• IPB-303

• DPB-303 (LED)

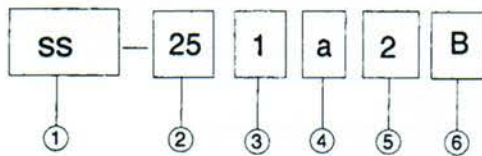




Selector Switch

選擇開關

型號說明 Model Designation :

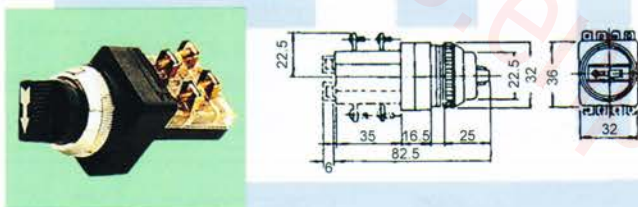


註 Note :

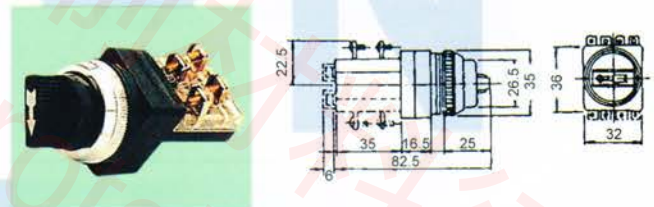
1. 耐電壓 AC2500V 一分鐘
Dielectric Strength AC2500V for 1 Minute
2. 絕緣電阻 AC500V 之下，100mΩ 以上
Over 100mΩ under AC500V
3. 通電溫升 Temperature Rise :
接點低於 30℃ At Contacts Less Than 30℃
端子低於 25℃ At Terminals Less Than 25℃
(室溫 40℃，通電電壓 10Amp)
(Ambient Temperature 40℃, continuous current 10 Amp)
4. 周圍溫度 Ambient Temperature : -20℃ ~ 60℃
5. 鑰匙開關恕不提供顏色選擇
No Color Selection Available for Key Selector Switches
6. 接點座規格及尺寸請參考 P.29
Please Refer to P.29 for Specifications and Sizes of Contact Blocks
7. 為配合環保用料政策，本系列產品之護圈恕不再提供電鍍，如有需要請於訂購時註明
To comply with the environment protection policy, there would be no more plating for the protecting ring of the K series PB., PL., and SW.
Please kindly notify with order if you still demand the plated rings

項次 Item	代號 Model No.	說明 Description	
1. 孔徑 Diam	25 30	Φ25mm Φ30mm	
2. 型式 Type	SS	Selector Switch	選擇開關
	KS	Key Selector	鑰匙開關
	LS	Long Handle Selector	長柄選擇開關
3. 接點數 Contact Block	1	1 組/ 1 Set	
	2	2 組/ 2 Sets	
	3	3 組/ 3 Sets	
	4	4 組/ 4 Sets	
4. 接點種類 Contact Type	(None)	1a1b (NO-NC)	
	A	1a (NO)	
	B	1b (NC)	
5. 段數 Phases	2	2 段/ 2 Phases	
	3	3 段/ 3 Phases	
6. 顏色 Color	R	紅 Red	
	G	綠 Green	
	B	黑 Black	

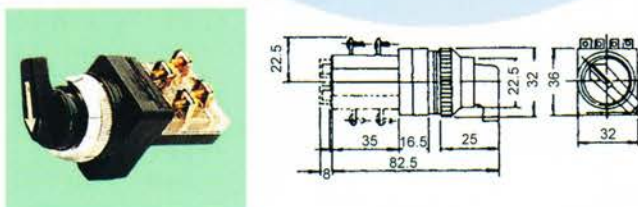
• SS-25



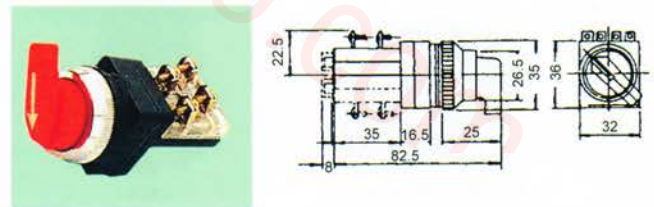
• SS-30



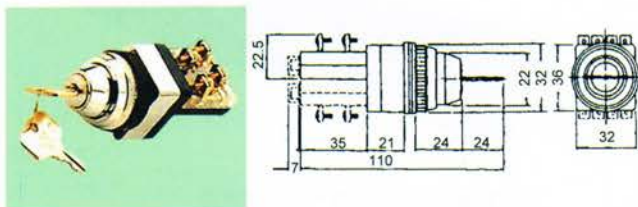
• LS-25



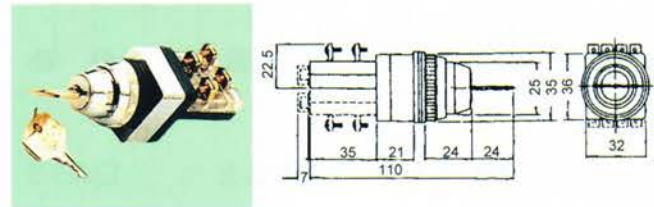
• LS-30



• KS-25



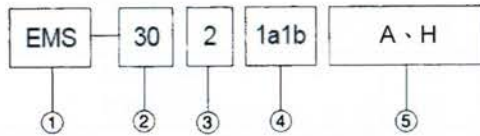
• KS-30





Monolever Switch

型號說明 Model Designation :



項次 Item	代號 Model No.	說明 Description
1. 型式 Type	EMS	圓形 Round
2. 孔徑 Diam	30	Φ30mm
3. 方向 Direction	2 4	雙向 2 Ways 四向 4 Ways
4. 接點種類 Contact Type	1a 1a1b 2a 2a2b	1NO 1NO1NC 2NO 2NO2NC
5. 作動方式 Activation	A H	自動 Automatic 手動 Manual

訂購說明事項 Order Instruction :

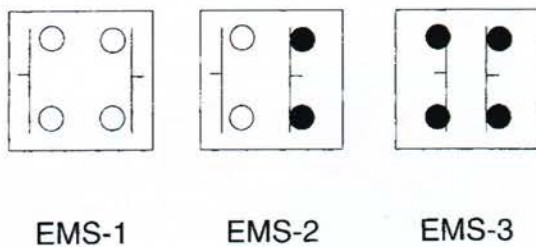
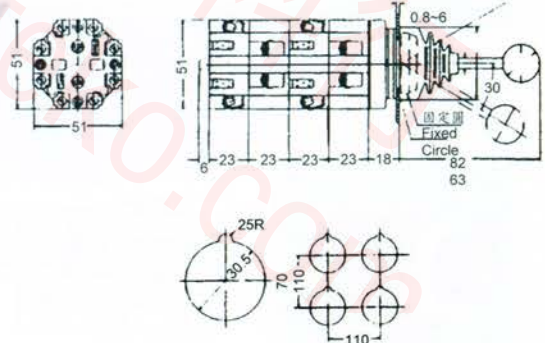
請依順時針方向指定各方向之操作方式及接點構造

Please kindly designate movement way and contact block type clockwise.

特色 Feature :

1. 可靈活且迅速地確實地藉由操作桿控制四方向之動作。
Able to smoothly and swiftly handle the lever in 4 directions, up, down, left, and right.
2. 每個方向之操作皆有三種方式可任意選擇：位置保持、自動復歸、動作阻止。
Three additional alternative movements in each direction, position keep, spring return, and blockade-enforcing.
3. 開關可作二、三、四方向之操作。
Free to operate in 2, 3, or 4 directions with the switch.
4. 橡膠襯套有防雨、防油及防塵之作用。
Rubber bushing is rainproof, oil resistant, and dust preventive.

交流電 Alternate Current	額定電壓 Rated Voltage		110V	220V	440V
	額定電流 Rated Current		5A	3A	1A
	開斷電流 Breaking Current Capacity		50A	30A	10A
直流電 Direct Current	阻絕值 Resistance Load	額定電壓 Rated Voltage	110V	220V	440V
		額定電流 Rated Current	2.2A	1.1A	0.4A
		開斷電流 Breaking Current	2.42A	1.21A	0.44A
	感應值 Inductive Load	額定電流 Rated Current	1.2A	0.45A	0.2A
		開斷電流 Breaking Current	1.32A	0.5A	0.22A
持續通電電流 Continuous Passable Current		10A			
絕緣電阻 Insulation Resistance		100mΩ 以上 Over 100mΩ			
耐電壓 Dielectric Strength		AC2,200V 一分鐘 AC2,200V for 1 minute			
壽命 Service Life		機械式與電氣式皆為 500,000 次 500,000 times both mechanical and electrical			
使用環境溫度 Ambient Temperature		-20℃ ~ 50℃			



十字型操作開關接點數可依需求串接
Number of Contact Blocks Is Extendable as Per Your Demand