

Generalization

DESIGNATION

JKN PUSH-BUTTON SERIES intended for the controlling and signaling of switchgear and controlgear.

The principal application of these devices is the switching of loads designation as B300 for AC-12, AC-13, AC-14, and AC-15.

PRODUCT DESCRIPTION

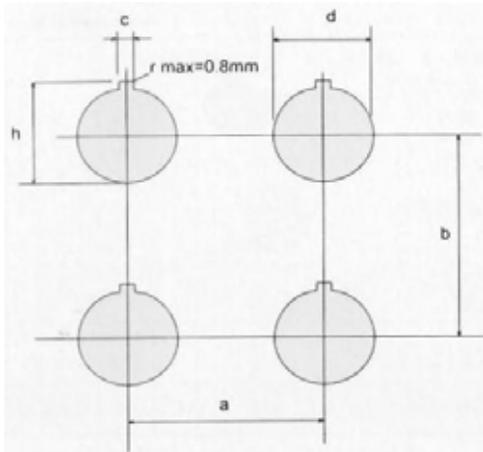
Providing a variety of operators with round and square type for choosing: non-illuminated and illuminated pushbuttons (flat head, extended head, double push-button), emergency / latched / push-pull mushroom head, pilot lamp, knob selector, and key selectors. 22.5φ/30φ series are with common mounting nut. One side of the mounting nut is fit for hole with 22.5mm diameter; the other side is for 30mm diameter. Contact blocks and lamp holder clipping onto a mounting adapter which attaches to the operator. Thus, these devices are easily mounted and suitable for both 22.5mm and 30mm diameter holes.



SPECIFICATION

CERTIFICATION	UL, C-UL	AMBIENT TEMPERATURE	-20 ~ +60Deg.C
COMPLIANCE WITH STANDARD	EN60947-5-1 (CE)	OPERATING FORCE	0.75kg
ELEMENTS OF CONTACT POINT	AG & CDO	MECHANICAL LIFE	5,000,000 times
RATED INSULATION VOLTAGE	250VAC	ELECTRICAL LIFE	500,000 times
CONVENTIONAL THERMAL CURRENT	6Amp	DEGREE OF PROTECTION	IP64
SWITCHING CAPACITY	AC-15		IP40: Double pushbutton without silicon boot.
DIELECTRIC STRENGTH	> 2000VAC 60HZ		IP65: Double pushbutton with silicon boot.
CONTACT RESISTANCE	40mΩ	DEGREE OF POLLUTION	3
SCREW TIGHTENING TORQUE	0.8 N.m		

PANEL CUT-OUT



Preferred minimum distances between Centers of mounting holes

Size	a (mm)	b (mm)
D30	40	65
D22	34	65

Mounting hole diameter and dimensions of the key recess (if any)

Size	Mounting hole diameter d (mm)	Key recess (if any)	
		Height h (mm)	Width c (mm)
D30	30.5	33.0	2.5
D22	22.5	25.0	2.5

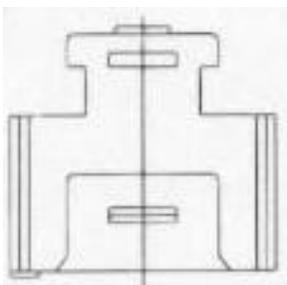
CONTACT BLOCK

Adopting Nylon 66, type A-20V25, rated 94V-0 (oiltight and fireproof) as the material of enclosure to meet the request of international standards and approval.

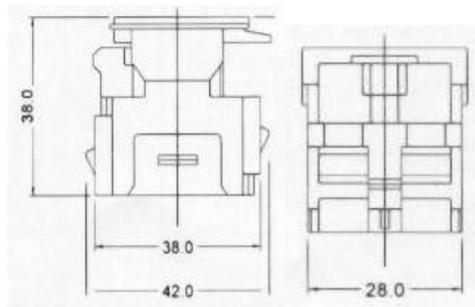
SPECIFICATION

COB01 : 1A (normally open) COB02 : 1B (normally close)
 COB03 : 1A1B (1NO + 1NC) COB04 : 2A
 COB05 : 2B COB06 : 2A2B
 COB07 : 4A COB08 : 4B

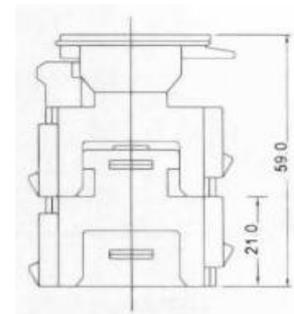
without mounting adaptor



with mounting adaptor



2 contact blocks



22mm Pushbutton Control Stations BOX-□	Key Selector Switch JKS-22□(R)	Key Selector Switch JKS-22□(Q)	Knob Selector Switch	Knob Selector Switch
				
Lever Selector Switch	Lever Selector Switch	Pilot Lamp Flat Head JPL-22F(R)	Pilot Lamp Extended Head JPL-22G(R)	Pilot Lamp Extended Head JPL-22G(Q)
				
Push Button With Illumination JLPB-22F(R)	Push Button With Illumination JLPB-22G(R)	Push Button With Illumination JLPB-22G(Q)	Double Push Button With Illumination JPBN-22	Double Push Button With Illumination JPBN-22E
				
Push Button Without Illumination JPB-22F(R)	Push Button Without Illumination JPB-22F(Q)	Push Button Without Illumination JPB-22G(R)	Push Button Without Illumination JPB-22G(Q)	Push Button Without Illumination JEPB-22F(R)
				
Push Button Without Illumination JEPB-22(Q)	Latching Button Without Illumination JRPB-22(R)	Push-Pull Button Without Illumination JPPB-22(R)	Double Push Button Without Illumination JDPB-22	Double Push Button Without Illumination JDPB-22E
				



NHD

CONTROL UNITS

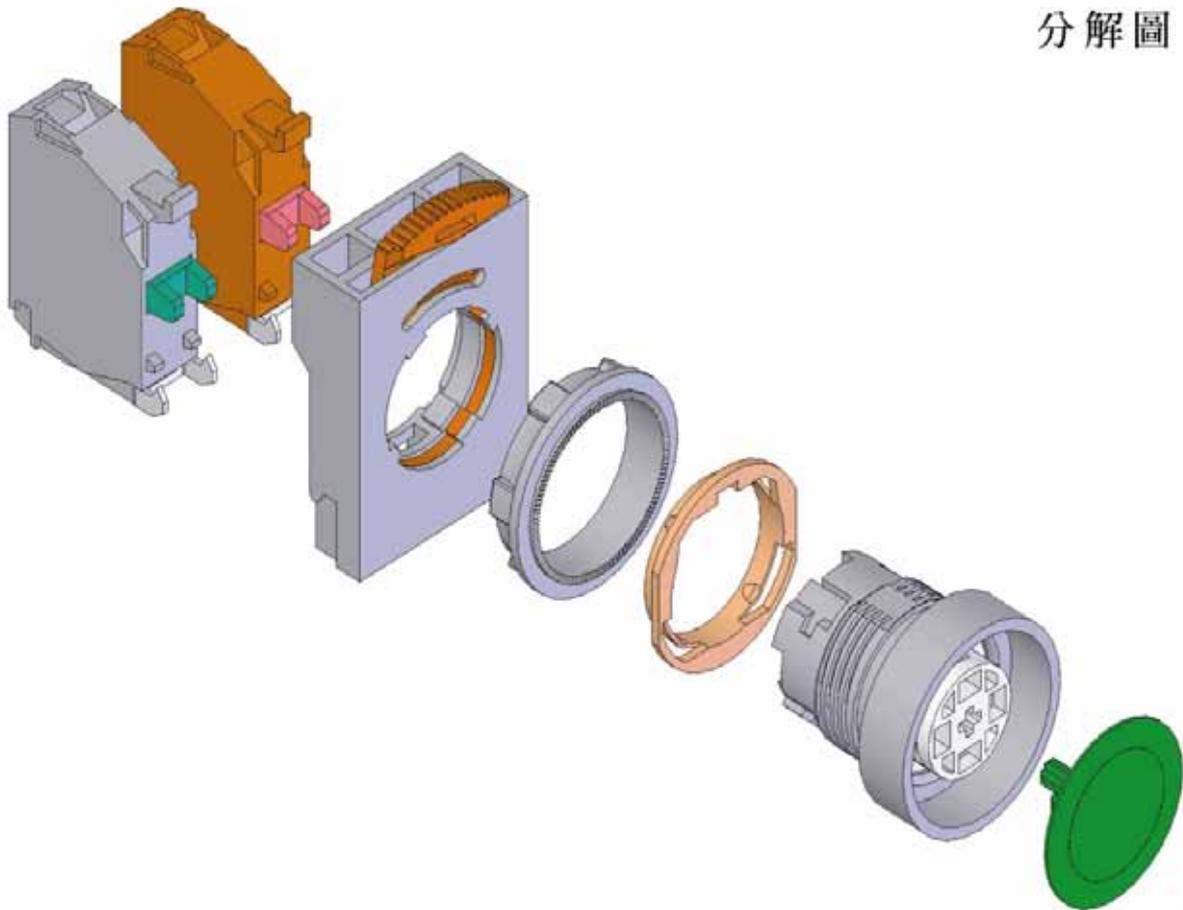
PUSH BUTTON

SELECTOR SWITCHES

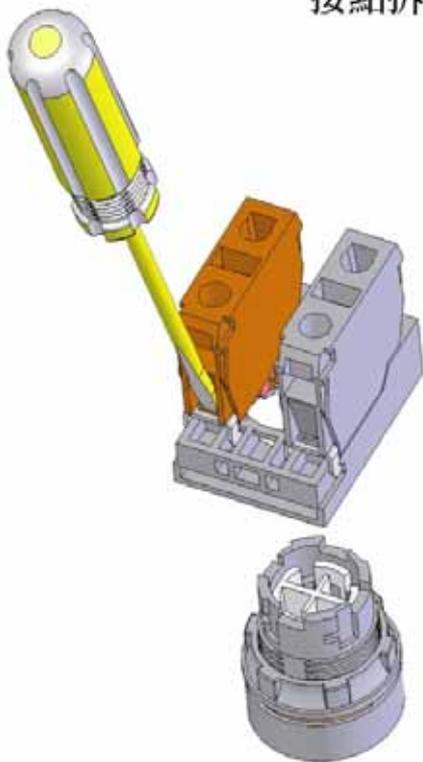
PILOT LAMP



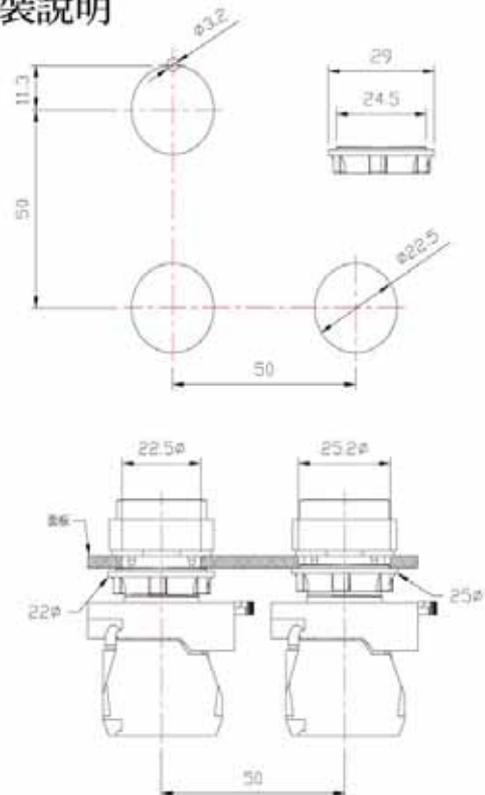
分解圖



接點拆卸圖



安裝說明



PILOT LAMP/指示燈 22Φ/25Φ

Model Designation:
型號說明

NPL-GA

1 2 3

1. Series(系列)

NPL	Normal(Round Head) 凸頭圓形
NLD	Simple(Flush Head) 平頭圓形

2. Cap Color(顏色)

R	Red 紅色	Y	Yellow 黃色
G	Green 綠色	S	Blue 藍色
W	White 白色		

3. Voltage Rating(電壓)

NPL		NLD	
A	AC.DC 24V	A	AC.DC 24V
E	AC.DC 100~120V	D	DC 110V
I	AC.DC 220~240V	E	AC 100~120V
		G	DC 220V
		I	AC 220~240V
		M	AC 380~440V

SPECIFICATION

NPL-R



NLD-R



NPL-G



NLD-G



NPL-Y



NLD-Y



PUSH BUTTON SWITCHES/按鈕開關 22Φ/25Φ

(NON-ILLUMINATED & ILLUMINATED) / 無照光按鈕與照光式按鈕

Model Designation:

型號說明

NPB-F11GA

1 2 3 4 5

1. Series(系列)

NPB	Non-Illuminated 無照光式按鈕
NLB	Illuminated 照光式按鈕

3. Contact Blocks(接點)

10	1a	21	2a1b
01	1b	12	1a2b
11	1a1b	22	2a2b

2. Type(型式)

NPB		NLB	
F	Flush Head 平頭	B	Mushroom Head (Protect the ring) 大頭附保護環(65Φ)
E	Elevation Head 凸頭	R	Reset Mushroom Head 大頭連鎖式(40Φ)
P	Elevation Head (Rubber cap) 凸頭附防塵套	V	Reset Mushroom Head (Protect the ring) 大頭連鎖式附保護環(65Φ)
L	Elevation Head (Protect the ring) 凸頭附保護環	S	Push-Pull Stop Mushroom Head 拉卡連鎖式(35Φ)
M	Mushroom Head 大頭(40Φ)	D	Double Push Button 兩點式按鈕
K	Mushroom Head (With key) 大頭附鎖(40Φ)		

4. Cap Color(顏色)

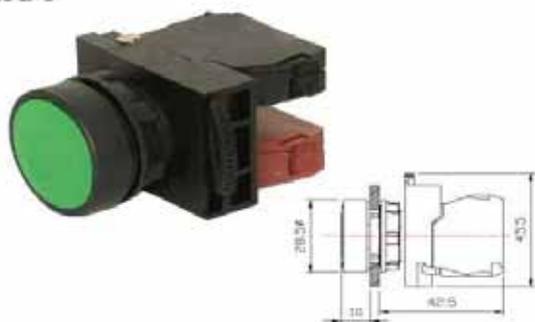
NPB		NLB	
R	Red 紅色	R	Red 紅色
G	Green 綠色	G	Green 綠色
Y	Yellow 黃色	Y	Yellow 黃色
S	Blue 藍色		
B	Black 黑色		

5. Voltage Rating(電壓)

NLB	
A	AC/DC 24V
E	AC/DC 100~120V
I	AC/DC 220~240V

SPECIFICATION

NPB-F



NLB-F



Note:

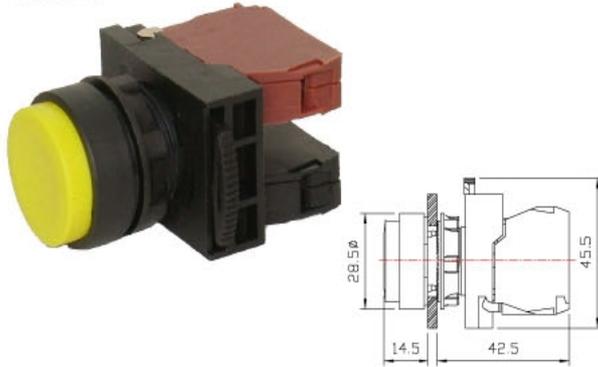
備註：NPB 系列型式L、K、B、V、S、D及NLB 系列型式E、L、D等9種，尚在開發中。

PUSH BUTTON SWITCHES/按鈕開關 22Φ/25Φ

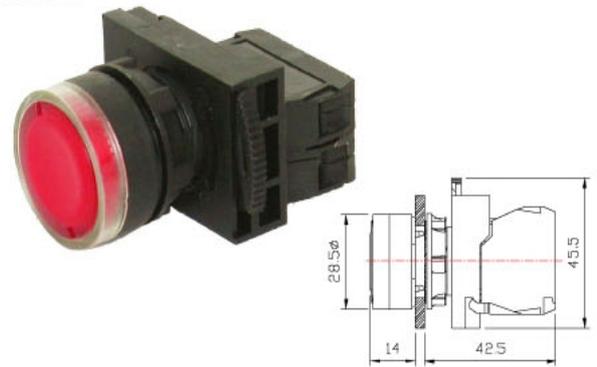
(NON-ILLUMINATED & ILLUMINATED) / 無照光按鈕與照光式按鈕

SPECIFICATION

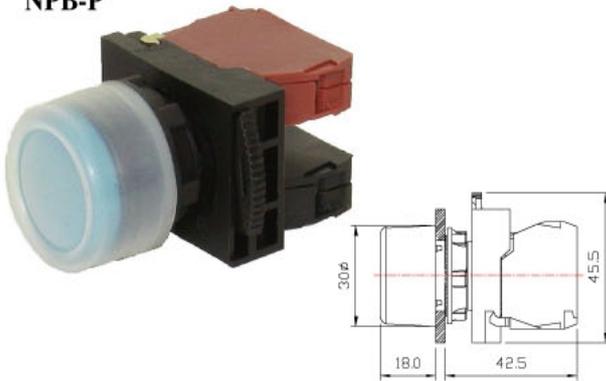
NPB-E



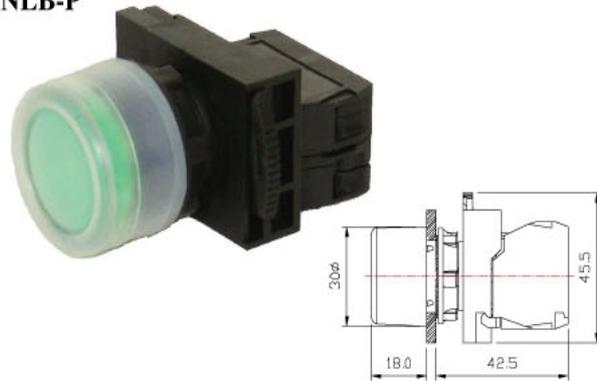
NLB-F



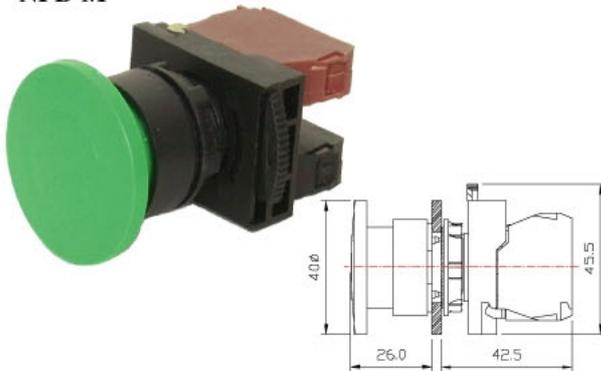
NPB-P



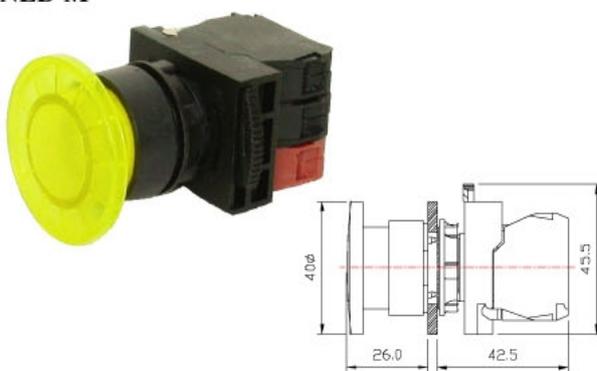
NLB-P



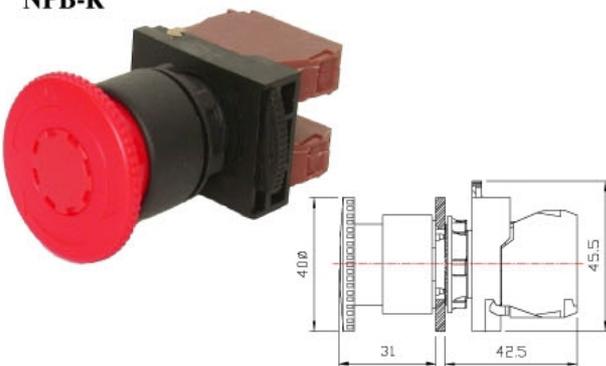
NPB-M



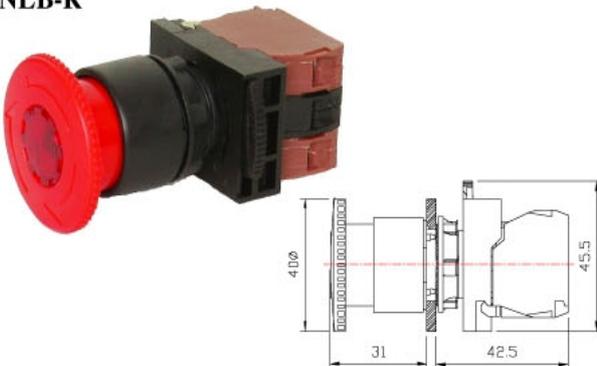
NLB-M



NPB-R



NLB-R



SELECTOR SWITCHES/選擇開關 22Φ/25Φ

(NON-ILLUMINATED& ILLUMINATED) / 無照光選擇與照光式選擇

Model Designation:

型號說明

NSS-S211GA

1 2 3 4 5 6

1. Series(系列)

NSS	Non-Illuminated 無照光式選擇鈕
NLS	Illuminated 照光式選擇鈕

2. Type(型式)

NSS		NLS	
S	Normal Shaft 標準選擇	S	Normal Shaft 標準選擇
L	Long Shaft 長柄選擇	L	Long Shaft 長柄選擇
K	Key 鑰匙選擇		

3. Position(方位)

2	2 Position 2段選擇
1	2 Position (Spring Return) 2段選擇復歸型
3	3 Position 3段選擇
0	3 Position (Spring Return) 3段選擇復歸型

4. Contact Blocks(接點)

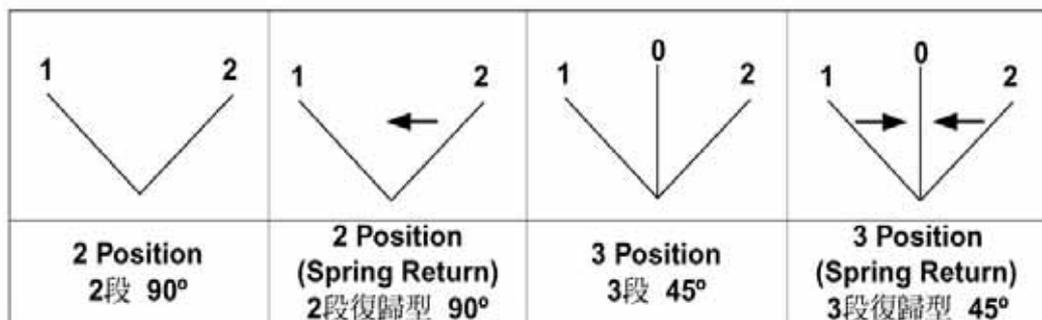
10	1a	21	2a1b
01	1b	12	1a2b
11	1a1b	22	2a2b

5. Cap Color(顏色)

NSS		NLS	
R	Red 紅色	R	Red 紅色
G	Green 綠色	G	Green 綠色
Y	Yellow 黃色	Y	Yellow 黃色
B	Black 黑色		

6. Voltage Rating(電壓)

NLS	
A	AC.DC 24V
E	AC.DC 100~120V
I	AC.DC 220~240V



SPECIFICATION

NSS-S2



NLS-S2

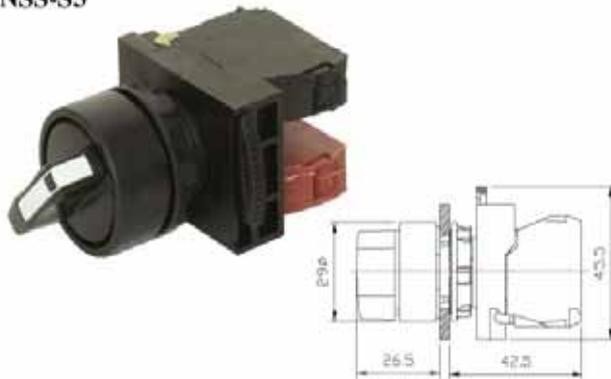


SELECTOR SWITCHES/選擇開關 22Φ/25Φ

(NON-ILLUMINATED&ILLUMINATED) /無照光選擇與照光式選擇

SPECIFICATION

NSS-S3



NLS-S3



NSS-L2



NLS-L2



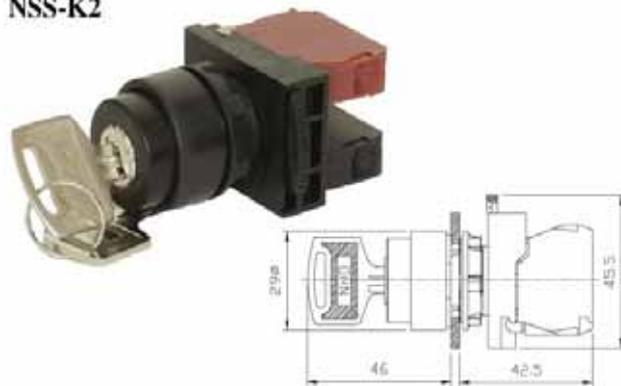
NSS-L3



NLS-L3



NSS-K2



NSS-K3

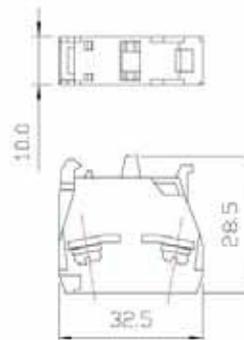


ACCESSORIES/附件

Contact Blocks(接點)

CB-10

CB	
10	1a
01	1b



LED Bulb(燈球)

BA9-GA

1 2

1. Color(顏色)

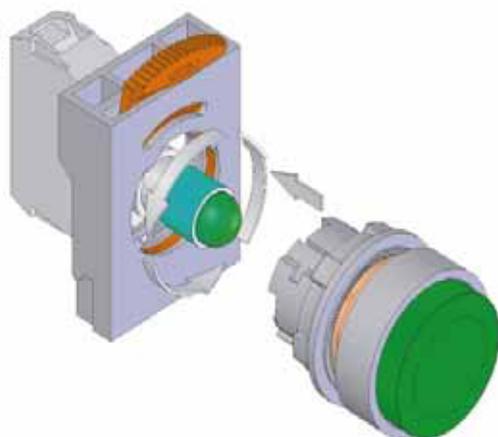
R	Red 紅色	Y	Yellow 黃色
G	Green 綠色	S	Blue 藍色
W	White 白色		

2. Voltage Rating(電壓)

A	AC.DC 24V
E	AC.DC 100~120V
I	AC.DC 220~240V



拆燈炮 分解圖



工具圖

