

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

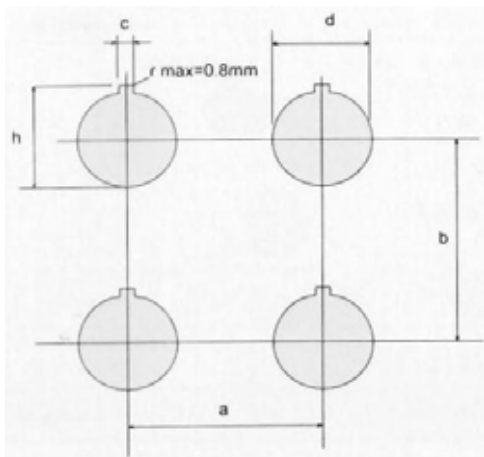
Providing a variety of operators with round and square type for choosing: non-illuminated and illuminated pushbuttons (flat head, extended head, double push-button), emergency / latched / push-pull mushroom head, pilot lamp, knob selector, and key selectors. 22.5φ/30φ series are with common mounting 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

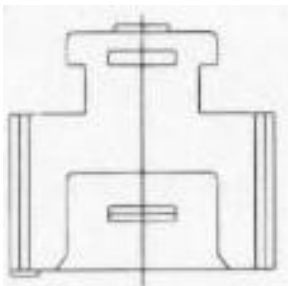
CONTACT BLOCK

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.

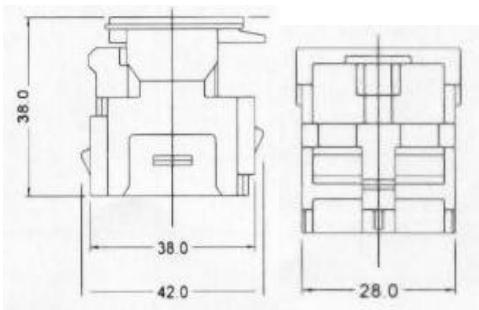
SPECIFICATION

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

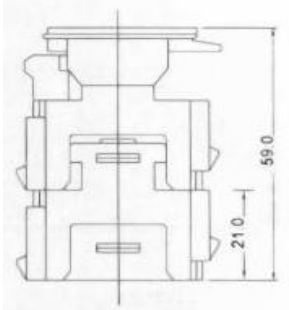
without mounting adapter




























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 JPNB-22	Double Push Button With Illumination JPNB-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
				



CONTROL UNITS

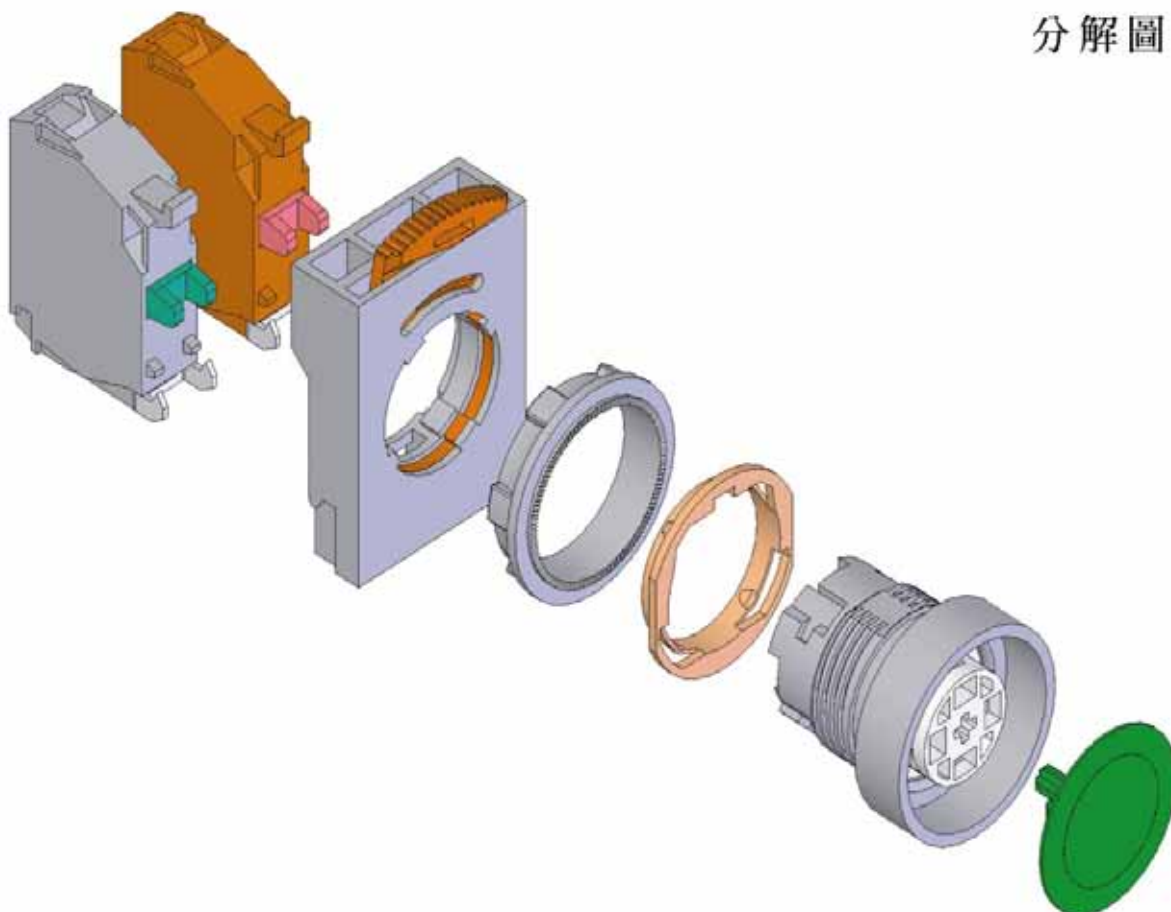
PUSH BUTTON

SELECTOR SWITCHES

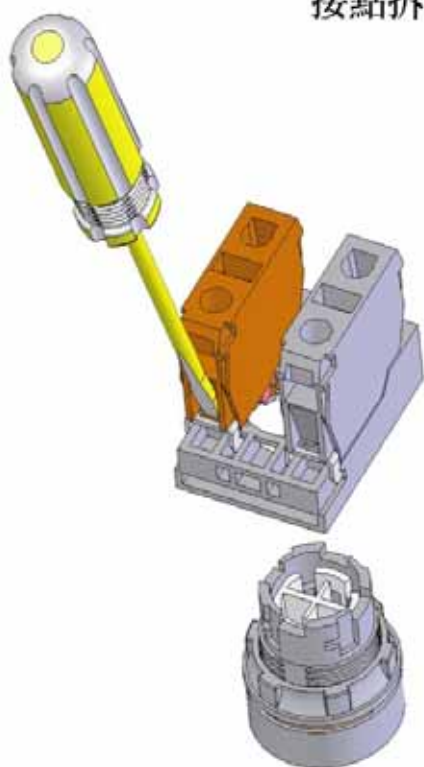
PILOT LAMP



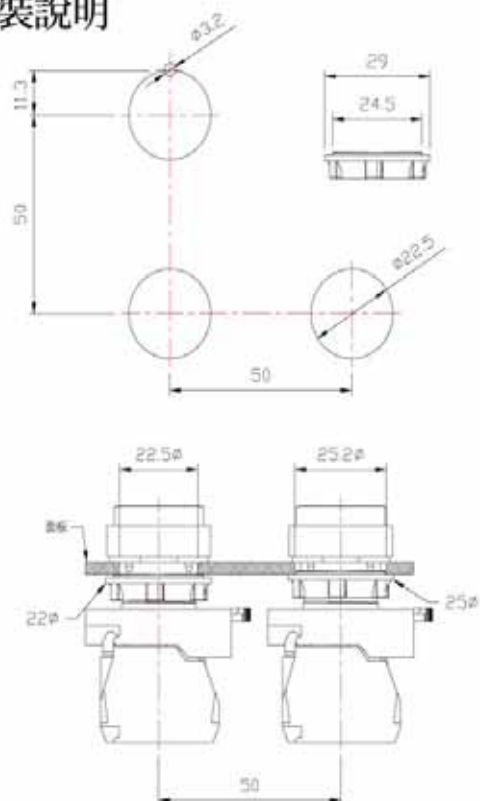
分解圖



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)	F	Flush Head 平頭
E	Elevation Head 凸頭	R	Reset Mushroom Head 大頭連鎖式(40Φ)	P	Flush Head (Rubber cap) 平頭附防塵套
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
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)
M	Mushroom Head 大頭(40Φ)	D	Double Push Button 兩點式按鈕	R	Reset Mushroom Head 大頭連鎖式(40Φ)
K	Mushroom Head (With key) 大頭附鎖(40Φ)			D	Double Push Button 兩點式按鈕

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:

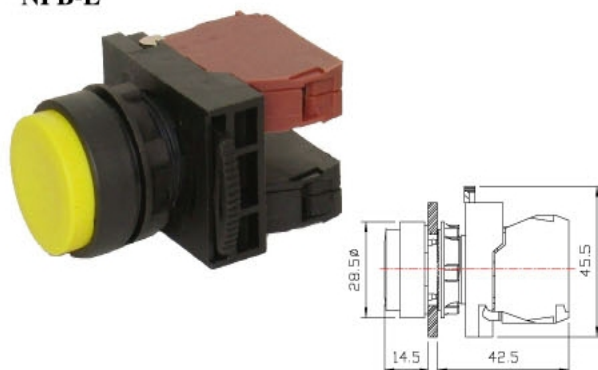
備註：NPB 系列型式L、K、B、V、S、D及NLB 系列型式E、L、D等9種，尚在開發中。

PUSH BUTTON SWITCHES/按鈕開關 22Φ/25Φ

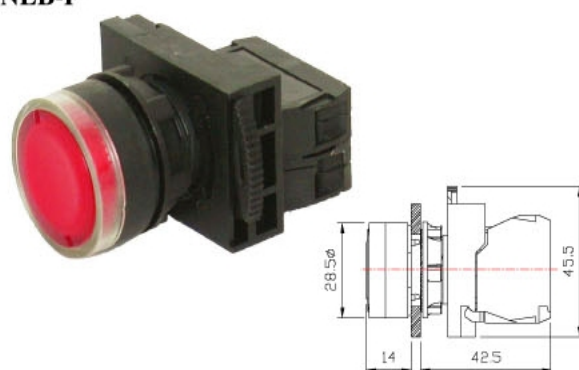
(NON-ILLUMINATED & ILLUMINATED) / 無照光按鈕與照光式按鈕

SPECIFICATION

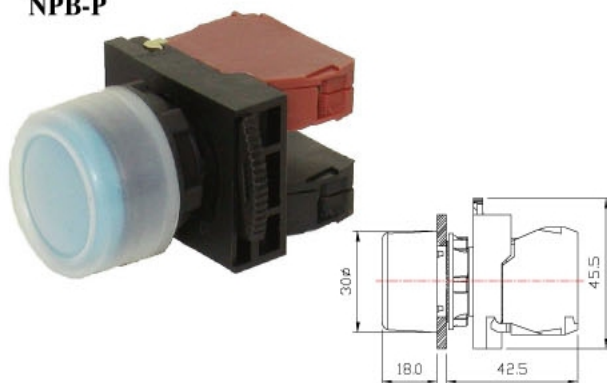
NPB-E



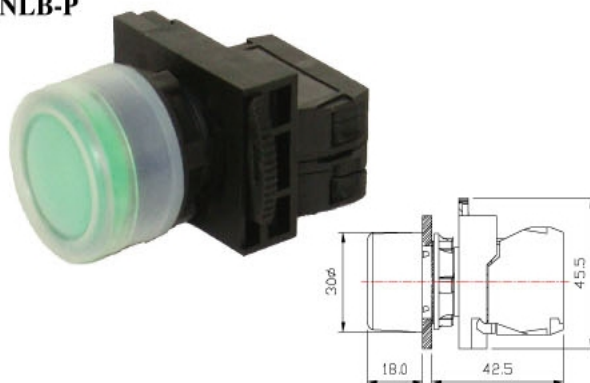
NLB-F



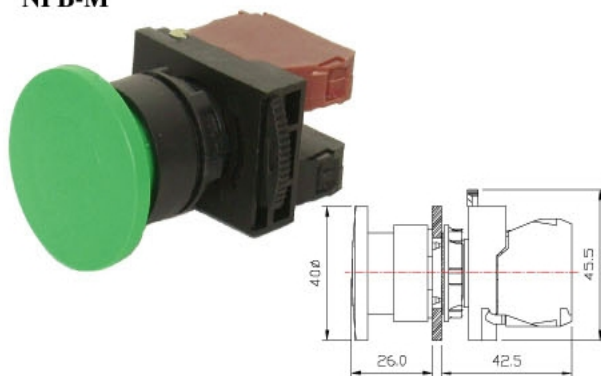
NPB-P



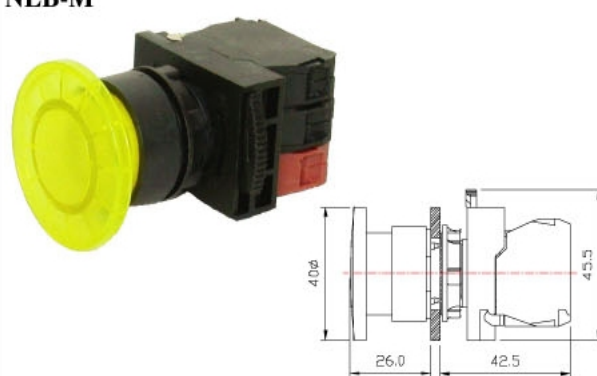
NLB-P



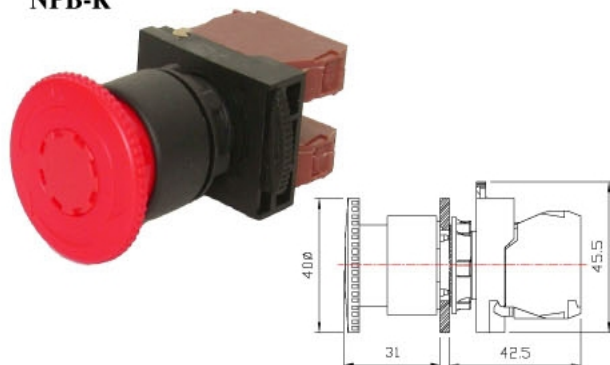
NPB-M



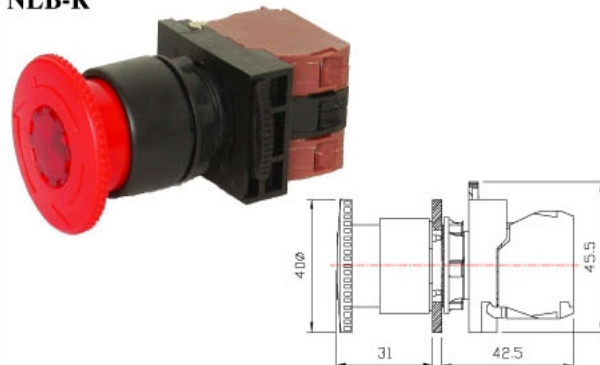
NLB-M



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)

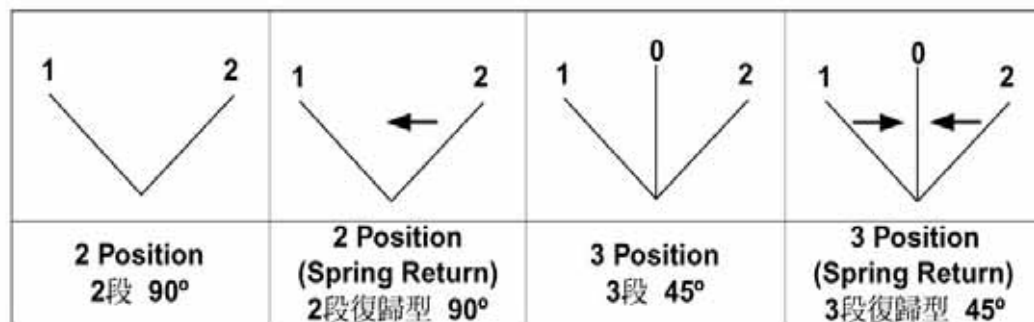
10	1a	21	2a1b
01	1b	12	1a2b
11	1a1b	22	2a2b

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

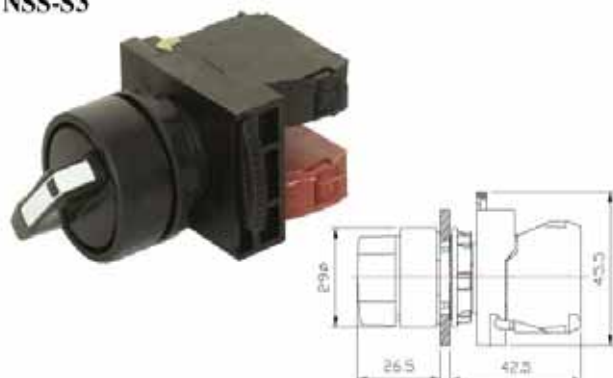


SELECTOR SWITCHES/選擇開關 22Φ/25Φ

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

SPECIFICATION

NSS-S3



NLS-S3



NSS-L2



NLS-L2



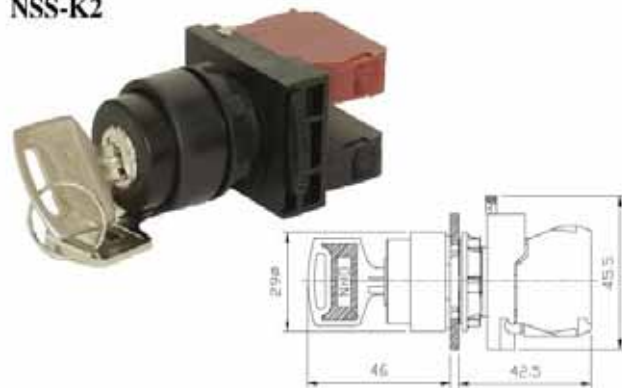
NSS-L3



NLS-L3



NSS-K2



NSS-K3

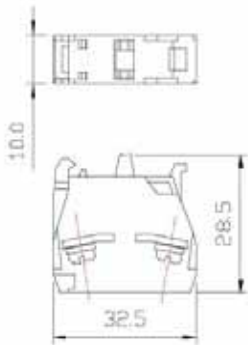


ACCESSORIES/附件

Contact Blocks(接點)

CB-10

CB	
10	1a
01	1b



LED Bulb(燈球)

BA9-GA
1 2

1. Color(顏色)

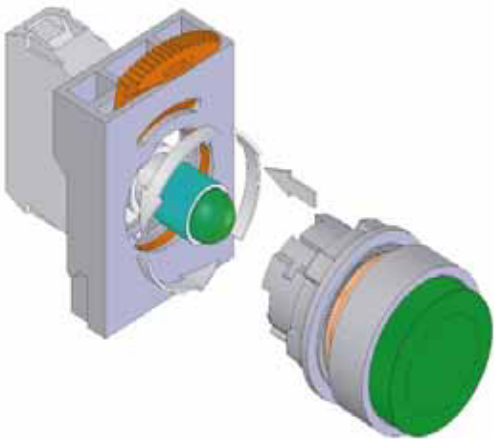
R	Red 紅色	Y	Yellow 黃色
G	Green 綠色	S	Blue 藍色
W	White 白色		

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

