

AUSPICIOUS

A2 series control elements



2017



A2 series control elements, A2型控制元件

Standard and Certifications 標準與認證

UL Std NO.508 17th Ed - Industrial Control Equipment to the requirements of CSA standard NO. 14-05 auxiliary device, contact rated 120VAC 6A, resistive, heavy pilot duty or A600 with NC and NO contact, used for push button switches, selector switches, double push button switches, push button switches with illuminated, selector switches with illuminated, pilot lights.

Technical data 技術參數

Insulation volatge Ui 額定絕緣電壓: 600V	Life 壽命
Thermal current 1th (A) 額定發熱電流: 10A	Push buttons 按鈕開關: 1 million oprations
Short circuit current: 1000A	Selector and Key selector 選擇, 鑰匙開關: 600,000 operations
AC15 120V 6A, 240V 3A	Contact blocks 接點組: 1million operations
AC12 480V 1.5A, 600V 1.2A	
DC12 120V 2.2A, 240V 0.6A, 480V 0.4A	
Ambient temperature 工作溫度: -20 to 60 °C	
Contact resistance 接觸電阻: 50mΩ max	
IP Enclosure 保護等級: IP65	

Bulb type 燈泡規格

Bulb type: Ba9s LED lamp	voltage 電壓: AC/DC 6V, AC/DC 12V, AC/DC 24V, AC110V, AC220V
Bulb type: SMD LED lamp	voltage 電壓: AC/DC 6V, AC/DC 12V, AC/DC 24V, AC110V, AC220V
Bulb life 壽命: ≥ 30,000 hours, ≥ 3萬小時	
Colours of bulb 燈泡顏色: R G Y BL W	

S-9 LED lamp 燈泡
Type: S - 9L - ☐ - ☐ Rated voltage 電壓: 6V, 12V, 24V, 110V, 220V



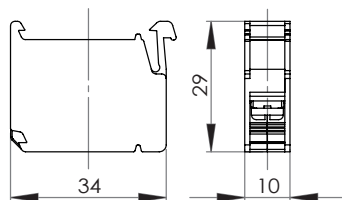
R G Y BL W

S-9 SMD LED lamp 燈泡
Type: S - 9SL - ☐ - ☐ voltage 電壓: 6V, 12V, 24V, 110V, 220V



R G Y BL W

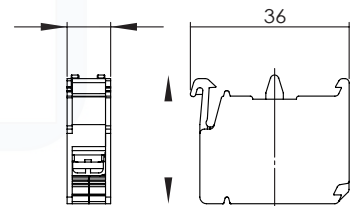
S-9 Lamp holder 燈座
Type: A2 - LH



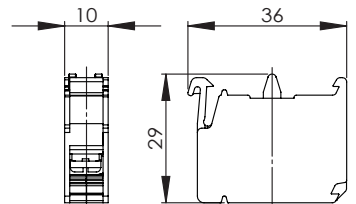
Contact block 接點
A2 - 10 (NO, 1a)



Dimensions 尺寸



Contact block 接點
A2 - 01 (NC, 1b)



Coupler 連接座
A2 - CP



Metal ring 金屬環
A2 - MR



A2 series control elements, A2型控制元件

A2-PL

A2-MPL

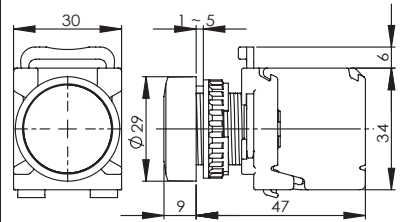
A2-MRPL

Pilot lamp
指示燈

Dimensions 尺寸

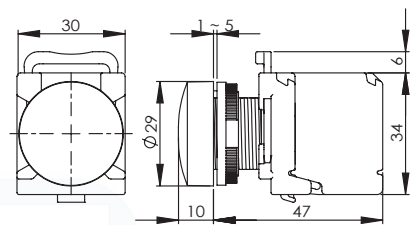


規格型號 Type	電壓 Voltage	顏色 Colour
PL- ☐ ☐	110V	1 R
MPL- ☐ ☐	220V	2 G
MRPL- ☐ ☐	380V	3 Y
A2 L- ☐ ☐	440V	4 BL
MRL- ☐ ☐	6V	6 W
	12V	12
	24V	24



A2-L

A2-MRL



PUSH BUTTON SWITCH 按鈕開關

Ordering information (22mm Φ & 25mm Φ mounting)

A2 - ☐ 1 ☐ 2 ☐ 3 ☐ 4

1. Actuators material 頭部材質

P	Engineering plastic 工程塑膠	MR	Metal head & Metal ring 鑲金屬圈頭 & 金屬鎖緊圈
M	Metal head 鑲金屬圈頭	R	Metal ring 金屬鎖緊圈

2. Type 頭型

F	Flat 平頭
L	Long head 凸頭
M	Mushroom 洋菇頭
ES	Emergency stop 洋菇頭急停
DB	Double - touch 雙頭按鈕
DBF	Double button flat head 雙平頭按鈕
PF	Push ON - Push OFF 交替式按鈕
PR	E-stop, Latch, Pull to Release 按拉式急停
EKS	Mushroom key lock 鎖扣式洋菇頭按鈕

3. Type of contact 接點型式

圖型 Symbol					
接點代碼 Codes	10	01	11	20	02
接點 Contacts	NO 一常開	NC 一常閉	NO+NC 一常開一常閉	2NO 二常開	2NC 二常閉

4. Colour 顏色

R 紅	G 綠	Y 黃	BL 藍	W 白	BK 黑
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A2 series control elements, A2型控制元件

A2-PF

A2-MF

A2-MRF

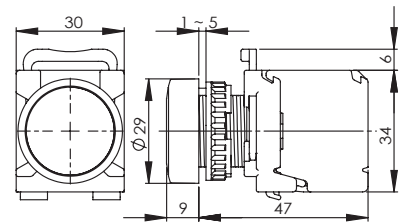
Push button switch

平頭按鈕

Dimensions 尺寸



規格型號 Type			接點 Contact	顏色 Colour
A2	PF	-10-□	1N/O	 R
	MF	-01-□	1N/C	 G
	MRF	-11-□	1NO+1NC	 Y
		-20-□	2N/O	 BL
		-02-□	2N/C	 W
			 B	



A2-PPF

A2-MPF

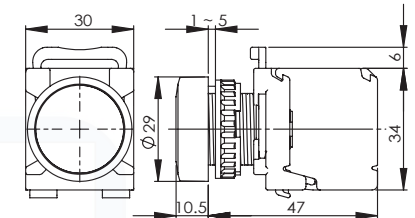
A2-MRPF

Push ON - Push OFF switch

交替式按鈕



規格型號 Type			接點 Contact	顏色 Colour
A2	PPF	- 11 - □	1NO+1NC	● R
	MPF	- 20 - □	2N/O	● G
	MRPF	- 02 - □	2N/C	● Y
				● BL
				○ W



A2-PMS

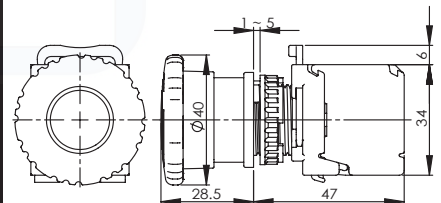
A2-PRM

Mushroom head push button

洋菇頭按鈕



規格型號 Type			接點 Contact	顏色 Colour
A2	PM	-10-□	1N/O	 R
	PRM	-01-□	1N/C	 G
	PMS	-11-□	1NO+1NC	 Y
	PRMS	-20-□	2N/O	
		-02-□	2N/C	



A2-PMS: mushroom head 35mmφ

A2-PRMS: mushroom head 35mmφ

A2-PES

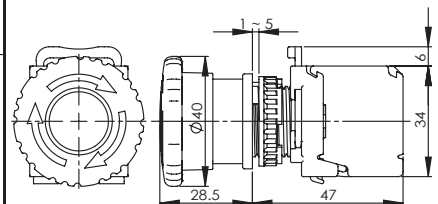
A2-PRES

Mushroom head E-stop

洋菇頭急停



規格型號 Type			接點 Contact	顏色 Colour
A2	PES	-10-□	1N/O	 R
	PRES	-01-□	1N/C	
	PESS	-11-□	1NO+1NC	
	PRESS	-20-□	2N/O	
		-02-□	2N/C	



A2-PESS: mushroom head 35mmφ

A2-PRESS: mushroom head 35mmφ



A2 series control elements, A2型控制元件

A2-DBF

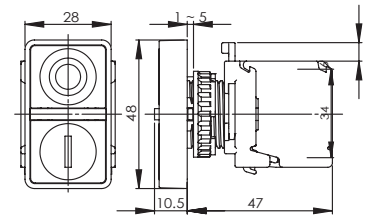
A2-DBFR

Double touch flat head
雙平頭按鈕

Dimensions 尺寸



規格型號 Type			接點 Contact	顏色 Colour
A2	DBF	- 11 - ☐	1NO+1NC	 R
	DBFR	- 20 - ☐	2N/O	 G
		- 02 - ☐	2N/C	



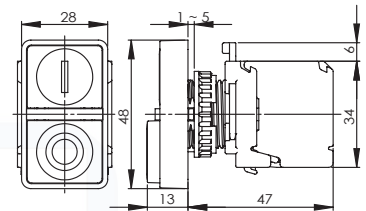
A2-DB

A2-DBR

Double touch button
雙頭高低按鈕



規格型號 Type			接點 Contact	顏色 Colour
A2	DB	- 11 - ☐	1NO+1NC	 R
	DBR	- 20 - ☐	2N/O	 G
		- 02 - ☐	2N/C	



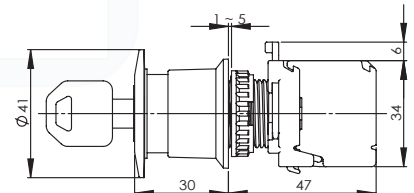
A2-EK

A2-EKR

Mushroom key lock
鎖扣式按鈕



規格型號 Type			接點 Contact	顏色 Colour
A2	EK	- 10 - ☐	1N/O	 R
	EKR	- 01 - ☐	1N/C	
		- 11 - ☐	1NO+1NC	
		- 20 - ☐	2N/O	
		- 02 - ☐	2N/C	



A2 series control elements, A2型控制元件

ILLUMINATED PUSH BUTTON SWITCH 照光按鈕開關

A2 - 1 2 3 4 5

1. Actuators material 頭部材質

P	Engineering plastic 工程塑膠
M	Metal head 鑲金屬圈頭
MR	Metal head & Metal ring 鑲金屬圈頭 & 金屬鎖緊圈
R	Metal ring 金屬鎖緊圈

2. Type 頭型

LF	Illuminated flat 照光平頭
GF	Illuminated guard 照光保護型
ML	Illuminated mushroom 洋菇頭照光按鈕
ESL	Illuminated emergency stop 連鎖洋菇頭急停
DBFL	Illuminated double button flat head 雙平頭照光按鈕
DBL	Illuminated double touch 雙頭照光按鈕
PFL	Illuminated Push ON - Push OFF 交替式照光按鈕

3. Type of contact 接點型式

圖型 Symbol					
接點代碼 Codes	10	01	11	20	02
接點 Contacts	NO	NC	NO+NC	2NO	2NC
	一常開	一常閉	一常開一常閉	二常開	二常閉

4. Voltage 電壓

1	110V	6	6V
2	220V	12	12V
3	380V	24	24V
4	440V		

5. Colour 顏色

R 紅	G 綠	Y 黃	BL 藍	W 白
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A2-PLF

A2-MLF

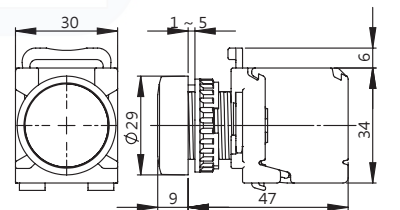
A2-MRLF

Illuminated push button 平頭照光按鈕

Dimensions 尺寸



規格型號 Type	接點 Contact	電壓 Voltage	顏色 Colour
A2 PLF -10-□	1N/O	1	● R
MLF -01-□	1N/C	2	● G
MRLF -11-□	1NO+1NC	3	● Y
-20-□	2N/O	4	● BL
-02-□	2N/C	6	○ W
		12	
		24	



A2-PGF

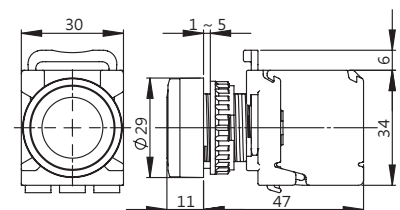
A2-MGF

A2-MRGF

Illuminated guard ring push button 保護型照光按鈕



規格型號 Type	接點 Contact	電壓 Voltage	顏色 Colour
A2 PGF -10-□	1N/O	1	● R
MGF -01-□	1N/C	2	● G
MRGF -11-□	1NO+1NC	3	● Y
-20-□	2N/O	4	● BL
-02-□	2N/C	6	○ W
		12	
		24	



A2 series control elements, A2型控制元件

A2-ML

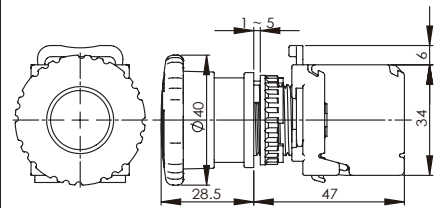
A2-MRL

Illuminated mushroom head
洋菇頭照光按鈕

Dimensions 尺寸



規格型號 Type		接點 Contact	電壓 Voltage	顏色 Colour
A2	ML -10-□□	1N/O	1	● R
	MRL -01-□□	1N/C	2	● G
	-11-□□	1NO+1NC	3	● Y
	-20-□□	2N/O	4	● BL
	-02-□□	2N/C	6	
			12	
			24	



A2-PPFL

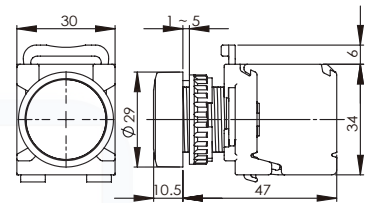
A2-MPFL

A2-MRPFL

Illuminated Push ON - Push OFF
交替式照光按鈕



規格型號 Type		接點 Contact	電壓 Voltage	顏色 Colour
A2	PPFL -10-□□	1N/O	1	● R
	MPFL -01-□□	1N/C	2	● G
	MRPFL -11-□□	1NO+1NC	3	● Y
	-20-□□	2N/O	4	● BL
	-02-□□	2N/C	6	○ W
			12	
			24	



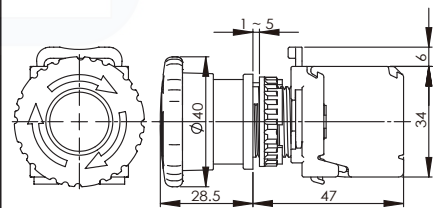
A2-ESL

A2-RESL

Illuminated emergency stop
洋菇頭照光急停



規格型號 Type		接點 Contact	電壓 Voltage	顏色 Colour
A2	ESL -10-□□	1N/O	1	● R
	RESL -01-□□	1N/C	2	● G
	-11-□□	1NO+1NC	3	● Y
	-20-□□	2N/O	4	● BL
	-02-□□	2N/C	6	
			12	
			24	



A2-ESL: mushroom head 40mmφ 大洋菇頭

A2-ESLS: mushroom head 35mmφ 小洋菇頭

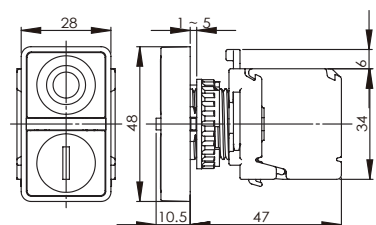
A2-DBFL

A2-DBL

Illuminated double button
雙頭照光式按鈕



規格型號 Type		接點 Contact	電壓 Voltage	顏色 Colour
A2	DBFL -11-□□	1NO+1NC	1	● R
	DBL -20-□□	2N/O	2	● G
	-02-□□	2N/C	3	● Y
			4	
			6	
			12	
			24	



A2 series control elements, A2型控制元件

SELECTOR SWITCH & KEY SWITCH 選擇開關 & 鑰匙開關

A2 - 1 2 3 4

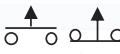
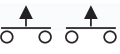
1. Actuators material 頭部材質

P	Engineering plastic 工程塑膠	MR	Metal head & Metal ring 鑲金屬圈頭 & 金屬鎖緊圈
M	Metal head 鑲金屬圈頭	R	Metal ring 金屬鎖緊圈

2. Type 頭型

S2	Knob 2 position 短柄二段	LRS3R	Spring return long knob 3 position right side 長柄三段右復歸
S3	Knob 3 position 短柄三段	LRS3L	Spring return long knob 3 position left side 長柄三段左復歸
LS2	Long knob 2 position 長柄二段	K2	Key operated 2 position, drawble 鑰匙開關二段
LS3	Long knob 3 position 長柄三段	K2N	Key operated 2 position, non-drawable 鑰匙開關二段不可抽
RS2	Spring return 2 position 短柄二段復歸	K3	Key operated 3 position, drawble 鑰匙開關三段
RS3	Spring return 3 position both side 短柄三段復歸	K3N	Key operated 3 position, non-drawable 鑰匙開關三段不可抽
RS3R	Spring return 3 position right side 短柄三段右復歸	K2R	Key operated 2 position, spring return 鑰匙開關二段復歸
RS3L	Spring return 3 position left side 短柄三段左復歸	K3R	Key operated 3 position, spring return 鑰匙開關三段復歸
LRS2	Spring return long knob 2 position 長柄二段復歸	K3RR	Key operated 3 position, spring return right side 鑰匙開關三段右復歸
LRS3	Spring return long knob 3 position both side 長柄三段復歸	K3RL	Key operated 3 position, spring return left side 鑰匙開關三段左復歸

3. Type of contact 接點型式

圖型 Symbol					
接點代碼 Codes	10	01	11	20	02
接點 Contacts	NO	NC	NO+NC	2NO	2NC
	一常開	一常閉	一常開一常閉	二常開	二常閉

4. Colour 顏色

R 紅	G 綠	Y 黃	BL 藍	W 白	BK 黑
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A2-PS2

A2-MS2

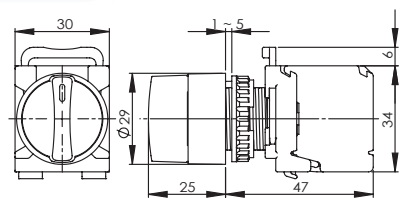
A2-MRS2

Selector switch 2 position
選擇開關二段

Dimensions 尺寸



規格型號 Type			接點 Contact	顏色 Colour
A2	PS2	- 10 - ☐	1N/O	● R
	MS2	- 01 - ☐	1N/C	● G
	MRS2	- 11 - ☐	1NO+1NC	● Y
	RS2	- 20 - ☐	2N/O	● BL
	MRRS2	- 02 - ☐	2N/C	● BK



A2-PS3

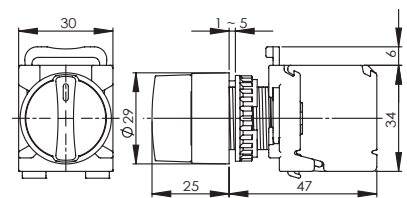
A2-MS3

A2-MRS3

Selector switch 3 position
選擇開關三段



規格型號 Type			接點 Contact	顏色 Colour
A2	PS3	- 11 - ☐	1NO+1NC	● R
	MS3	- 20 - ☐	2N/O	● G
	MRS3	- 02 - ☐	2N/C	● Y
	RS3			● BL
	MRRS3			● BK





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A2 series control elements, A2型控制元件

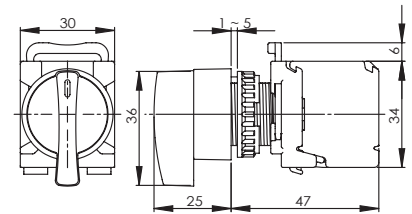
A2-LS2 A2-MLS2 A2-MRLS2

Long knob selector 2 position
長柄選擇開關二段

Dimensions 尺寸



規格型號 Type		接點 Contact	顏色 Colour
A2	LS2 - 10 - ☐	1N/O	● R
	MLS2 - 01 - ☐	1N/C	● G
	MRLS2 - 11 - ☐	1NO+1NC	● Y
	LRS2 - 20 - ☐	2N/O	● BL
	MLRS2 - 02 - ☐	2N/C	● BK
	MRLRS2		

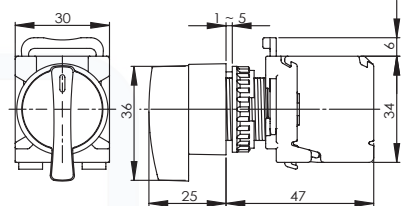


A2-LS3 A2-MLS3 A2-MRLS3

Long knob selector 3 position
長柄選擇開關三段



規格型號 Type		接點 Contact	顏色 Colour
A2	LS3 - 11 - ☐	1NO+1NC	● R
	MLS3 - 20 - ☐	2N/O	● G
	MRLS3 - 02 - ☐	2N/C	● Y
	LRS3		● BL
	MLRS3		● BK
	MRLRS3		
	LRS3R		
	MRS3R		
	MRRS3R		
	LRS3L		
	MLRS3L		
	MRLRS3L		

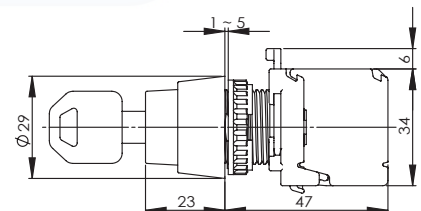


A2-K2 A2-MRK2

Key switch 2 position
鑰匙開關二段



規格型號 Type		接點 Contact
A2	K2 - 10 - ☐	1N/O
	MRK2 - 01 - ☐	1N/C
	K2R - 11 - ☐	1NO+1NC
	MRK2R - 20 - ☐	2N/O
	K2N - 02 - ☐	2N/C
	MRK2N	

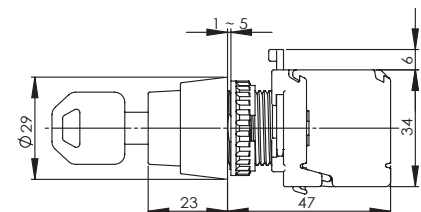


A2-K3 A2-MRK3

Key switch 3 position
鑰匙開關三段



規格型號 Type		接點 Contact
A2	K3 - 11 - ☐	1NO+1NC
	MRK3 - 20 - ☐	2N/O
	K3R - 02 - ☐	2N/C
	MRK3R	
	K3N	
	K3RR	
	K3RL	





A2 series control elements, A2型控制元件

ILLUMINATED SELECTOR SWITCH 照光選擇開關

A2 - 1 2 3 4 5

1. Actuators material 頭部材質

P	Engineering plastic 工程塑膠
M	Metal head 鑲金屬圈頭
MR	Metal head & Metal ring 鑲金屬圈頭 & 金屬鎖緊圈
R	Metal ring 金屬鎖緊圈

2. Type 頭型

SL2	Illuminated 2 position 照光二段	RSL3R	Illuminated spring return 3 position right side 照光三段右復歸
SL3	Illuminated 3 position 照光三段	RSL3L	Illuminated spring return 3 position left side 照光三段左復歸
LSL2	Illuminated long knob 2 position 照光長柄二段	LRSL2	Illuminated spring return long knob 2 position 照光長柄二段復歸
LSL3	Illuminated long knob 3 position 照光長柄三段	LRSL3	Illuminated spring return long knob 3 position both side 照光長柄三段復歸
RSL2	Illuminated spring return 2 position 照光二段復歸	LRSL3R	Illuminated spring return long knob 3 position right side 照光長柄三段右復歸
RSL3	Illuminated spring return 3 position both side 照光三段復歸	LRSL3L	Illuminated spring return long knob 3 position left side 照光長柄三段左復歸

3. Type of contact 接點型式

圖型 Symbol					
接點代碼 Codes	10	01	11	20	02
接點 Contacts	NO 一常開	NC 一常閉	NO+NC 一常開一常閉	2NO 二常開	2NC 二常閉

4. Voltage 電壓

1	110V	6	6V
2	220V	12	12V
3	380V	24	24V
4	440V		

5. Colour 顏色

R 紅	G 綠	Y 黃	BL 藍	W 白
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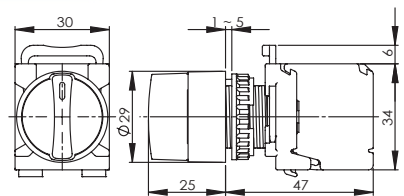
A2-PSL2 A2-MSL2 A2-MRSL2



Illuminated selector switch 照光選擇二段

規格型號 Type	接點 Contact	電壓 Voltage	顏色 Colour
PSL2 -10-□□	1N/O	1	● R
MSL2 -01-□□	1N/C	2	● G
MRSL2 -11-□□	1NO+1NC	3	● Y
RSL2 -20-□□	2N/O	4	● BL
MRSL2 -02-□□	2N/C	6	○ W
		12	
		24	

Dimensions 尺寸

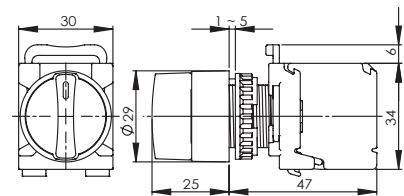


A2-PSL3 A2-MSL3 A2-MRSL3



Illuminated selector switch 照光選擇三段

規格型號 Type	接點 Contact	電壓 Voltage	顏色 Colour
PSL3 -11-□□	1NO+1NC	1	● R
MSL3 -20-□□	2N/O	2	● G
MRSL3 -02-□□	2N/C	3	● Y
RSL3		4	● BL
MRSL3		6	○ W
		12	
		24	



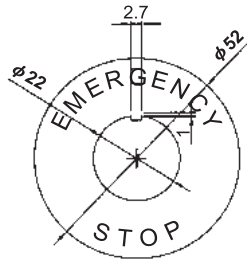
A2 series control elements, A2型控制元件

G2-BM4

Legend plate



I.D. 22 ϕ O.D. 52 ϕ



Water proof boot silicon rubber

A2-DWB



A2-WB

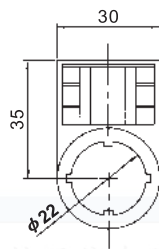


PF-B22

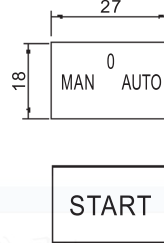
Legend plate Frame



Legend plate frame

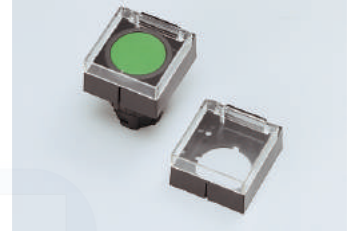


Legend plate



PC-B22

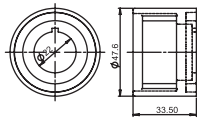
Button protect cover



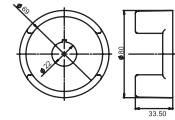
Legend plates LP-01,02,.....LP-307

UP 01	START 02	STOP 03	OPEN 04	CLOSE 05	ON 06	OFF 07	FWD 08	REV 09	HIGH 10	LOW 11
OFF ON 21	0 1 22	I II 23	STOP START 24	HIGH LOW 25	MAN AUTO 26	UP DOWN 27				
ON OFF ON 301	MAN OFF AUTO 302	HIGH OFF LOW 303	FOR OFF REV 304	1 0 2 305	UP OFF DOWN 306	I 0 II 307				

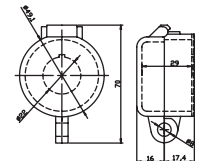
EMO switch guards G1-B22



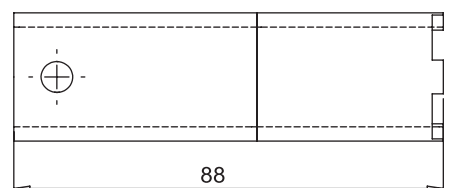
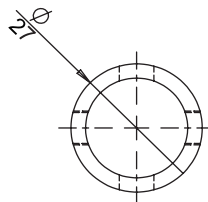
EMO switch guards G2-B22



Pad lock cover RC-B22



Locking ring wrench LW-B22





AUSPICIOUS

A2 series control elements, A2型控制元件

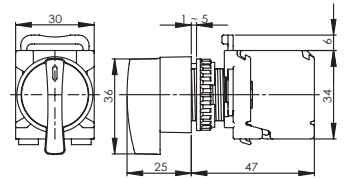
A2-PLSL2 A2-MLSL2 A2-MRSL2

Long knob Illuminated selector
長柄照光選擇二段

Dimensions 尺寸



規格型號 Type	接點 Contact	電壓 Voltage	顏色 Colour
PLSL2 -10- ☐	1N/O	1	● R
MLSL2 -01- ☐	1N/C	2	● G
MRSL2 -11- ☐	1NO+1NC	3	● Y
LRSL2 -20- ☐	2N/O	4	● BL
LMRSL2 -02- ☐	2N/C	6	○ W
		12	
		24	

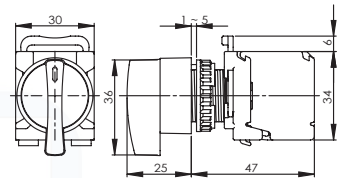


A2-PLSL3 A2-MLSL3 A2-MRSL3

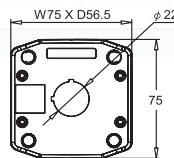
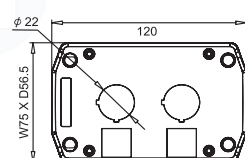
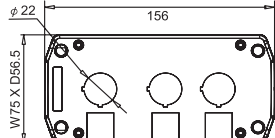
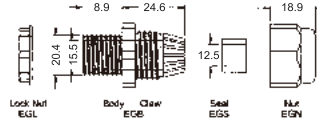
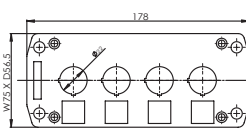
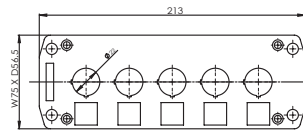
Long knob Illuminated selector
長柄照光選擇三段



規格 Type	接點 Contact	電壓 Voltage	顏色 Colour
PLSL3 -11- ☐	1NO+1NC	1	● R
MLSL3 -20- ☐	2N/O	2	● G
MRSL3 -02- ☐	2N/C	3	● Y
LRSL3		4	● BL
LRSL3R		6	○ W
MLRSL3R		12	
LRSL3L		24	
MLRSL3L			
MLRSL3			



Control box 1 to 6 holes 控制盒 一孔 ~ 六孔

B-1A 	1 hole control box IP65 22mmø 	B-2 	2 hole control box IP65 22mmø 
B-3A 	3 hole control box IP65 22mmø 	EG-13.5 	cable grand for control box IP68 
B-4A 	4 hole control box IP65 22mmø 	B-5A 	5 hole control box IP65 22mmø 



可鑫科技股份有限公司
益成自動控制材料行
TEL:06-3585914 / FAX:06-3585911
[LINE:@ENPRO](https://www.line.me/@ENPRO)
[MAIL:INFO@ENPROTEKO.COM.TW](mailto:INFO@ENPROTEKO.COM.TW)
[WEB:WWW.ENPROTEKO.COM.TW](http://WWW.ENPROTEKO.COM.TW)

可鑫科技股份有限公司
益成自動控制材料行
TEL:06-3585914 / FAX:06-3585911
[LINE:@ENPRO](https://www.line.me/@ENPRO)
[MAIL:INFO@ENPROTEKO.COM.TW](mailto:INFO@ENPROTEKO.COM.TW)
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