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 Ⓦ	

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

Type: S - 9L - ☐ - ☐



R G Y BL Ⓦ

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

Type: S - 9SL - ☐ - ☐

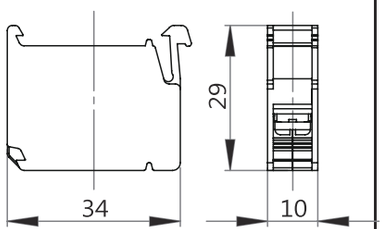


R G Y BL Ⓦ

S-9 Lamp holder 燈座

Type: T2 - LH

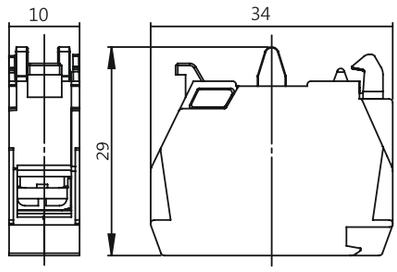




Contact block 接點 Dimensions 尺寸

T2 - 10 (NO, 1a)

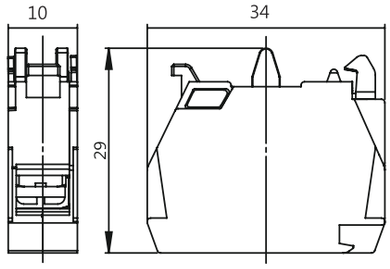




Contact block 接點

T2 - 01 (NC, 1b)





Coupler 連接座

T2 - CP



Metal ring 金屬環

T2 - MR



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

T2 - [1] [2] [3] [4]



R: Metal ring

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, drawable 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, drawable 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



MR: Metal head & Metal ring

4. Colour 顏色

R 紅	G 綠	Y 黃	BL 藍	W 白	BK 黑

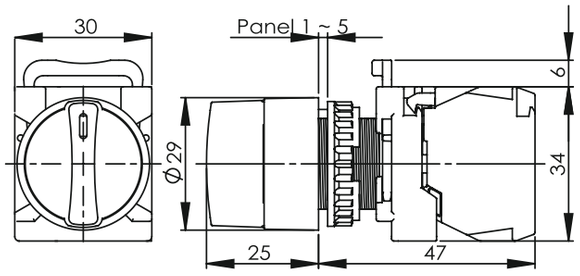
T2-PS2 Engineering plastic head　Selector switch 2 position 選擇開關二段　Dimensions 尺寸



規格型號 Type			接點 Contact	顏色 Colour
T2	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

T2-MS2: Metal head

T2-MRS2: Metal head & Metal ring



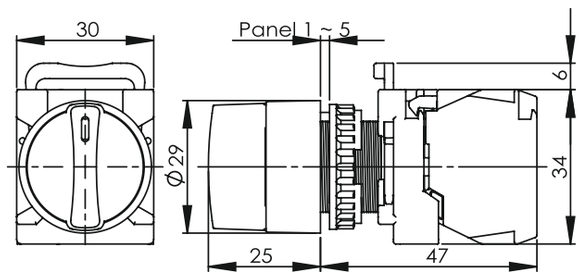
T2-PS3 Engineering plastic head　Selector switch 3 position 選擇開關三段



規格型號 Type			接點 Contact	顏色 Colour
T2	PS3	–11–	1NO+1NC	R
	MS3	–20–	2N/O	G
	MRS3	–02–	2N/C	Y
	RS3			BL
	MRRS3			BK

T2-MS3: Metal head

T2-MRS3: Metal head & Metal ring



T2-LS2 Engineering plastic head　Long knob selector 2 position 長柄選擇開關二段

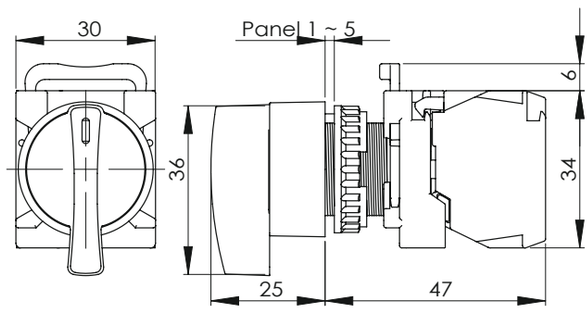


規格型號 Type			接點 Contact	顏色 Colour
T2	LS2	–10–	1N/O	R
	MLS2	–01–	1N/C	G
	MRLS2	–11–	1NO+1NC	Y
	LRS2	–20–	2N/O	BL
	MLRS2	–02–	2N/C	BK
	MRLRS2			

T2-MLS2: Metal head

T2-MRLS2: Metal head & Metal ring

Dimensions 尺寸



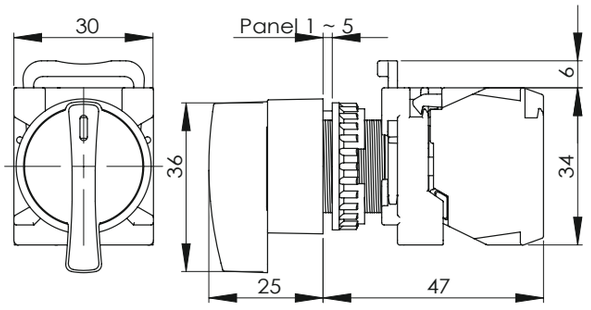
T2-LS3 Engineering plastic head　Long knob selector 3 position 長柄選擇開關三段



規格型號 Type			接點 Contact	顏色 Colour
T2	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			

T2-MLS3: Metal head

T2-MRLS3: Metal head & Metal ring

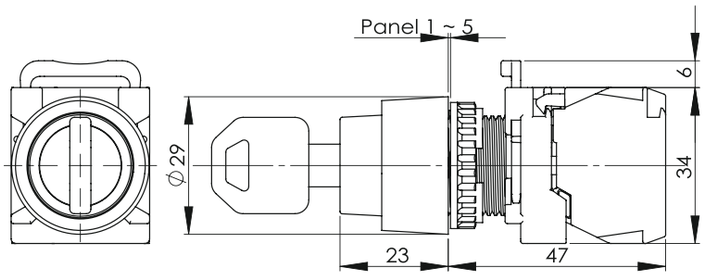


T2-K2　Key switch 2 position 鑰匙開關二段



規格型號 Type			接點 Contact
T2	K2	–10–	1N/O
	MRK2	–01–	1N/C
	K2R	–11–	1NO+1NC
	MRK2R	–20–	2N/O
	K2N	–02–	2N/C
	MRK2N		

T2-MRK2: Metal ring

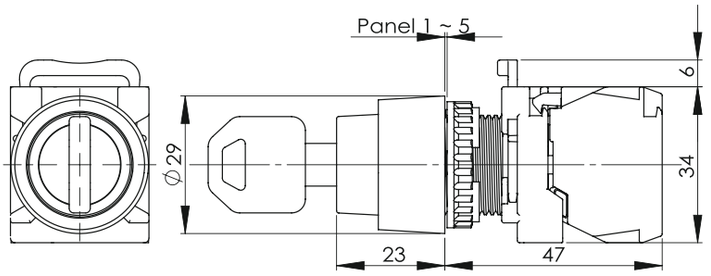


T2-K3　Key switch 3 position 鑰匙開關三段



規格型號 Type			接點 Contact
T2	K3	–11–	1NO+1NC
	MRK3	–20–	2N/O
	K3R	–02–	2N/C
	MRK3R		
	K3N		
	K3RR		
	K3RL		

T2-MRK3: Metal ring



ILLUMINATED SELECTOR SWITCH 照光選擇開關

T2 - [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



P: Engineering plastic head



M: Metal head

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	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

T2-PSL2 Engineering plastic head



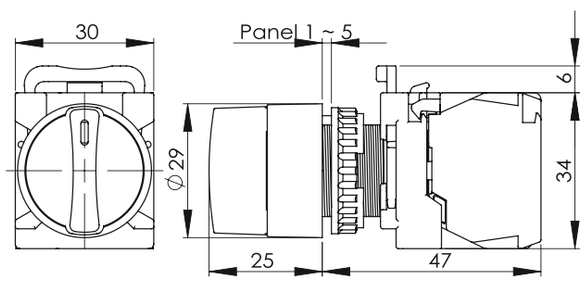
Illuminated selector switch 照光選擇二段

規格型號 Type			接點 Contact	電壓 Voltage	顏色 Colour
T2	PSL2	-10-□□	1N/O	1	R
	MSL2	-01-□□	1N/C	2	G
	MRSL2	-11-□□	1NO+1NC	3	Y
	RSL2	-20-□□	2N/O	4	BL
	MRRSL2	-02-□□	2N/C	6	W
				12	
				24	

T2-MSL2: Metal head

T2-MRSL2: Metal head & Metal ring

Dimensions 尺寸



T2-PSL3 Engineering plastic head

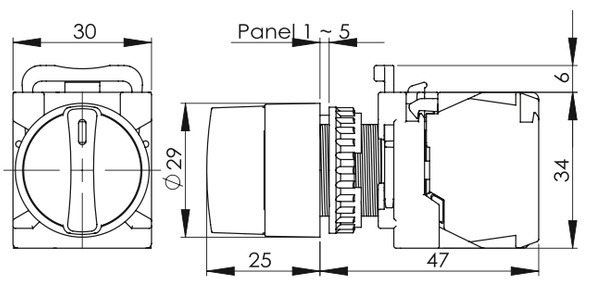


Illuminated selector switch 照光選擇三段

規格型號 Type			接點 Contact	電壓 Voltage	顏色 Colour
T2	PSL3	-11-□□	1NO+1NC	1	R
	MSL3	-20-□□	2N/O	2	G
	MRSL3	-02-□□	2N/C	3	Y
	RSL3			4	BL
	MRRSL3			6	W
				12	
				24	

T2-MSL3: Metal head

T2-MRSL3: Metal head & Metal ring



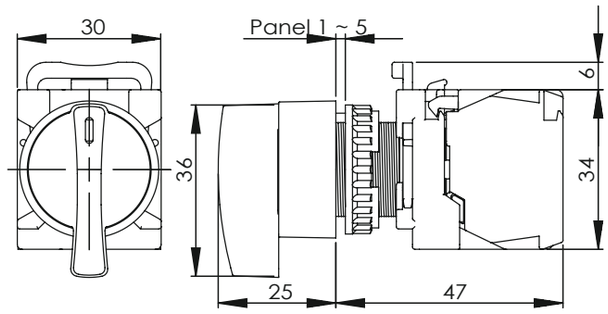
T2-PLSL2 Engineering plastic head　Long knob Illuminated selector 長柄照光選擇二段



規格型號 Type			接點 Contact	電壓 Voltage	顏色 Colour
T2	PLSL2	–10–□□	1N/O	1	R
	MLSL2	–01–□□	1N/C	2	G
	MRLSL2	–11–□□	1NO+1NC	3	Y
	LRSL2	–20–□□	2N/O	4	BL
	LMRSL2	–02–□□	2N/C	6	W
				12	
				24	

T2-MLSL2: Metal head
T2-MRLSL2: Metal head & Metal ring

Dimensions 尺寸

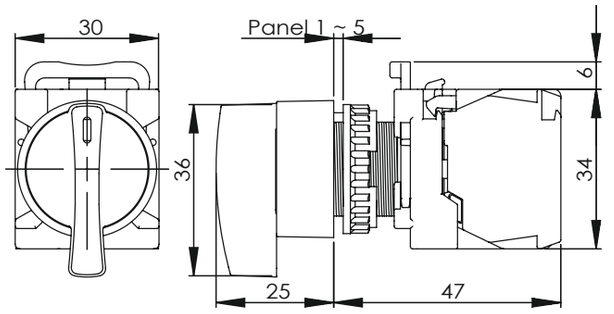


T2-PLSL3 Engineering plastic head　Long knob Illuminated selector 長柄照光選擇三段



規格型號 Type			接點 Contact	電壓 Voltage	顏色 Colour
T2	PLSL3	–11–□□	1NO+1NC	1	R
	MLSL3	–20–□□	2N/O	2	G
	MRLSL3	–02–□□	2N/C	3	Y
	LRSL3			4	BL
	LRSL3R			6	W
	MLRSL3R			12	
	LRSL3L			24	
	MLRSL3L				
	MLRSL3				

T2-MLSL3: Metal head
T2-MRLSL3:Metal head & Metal ring

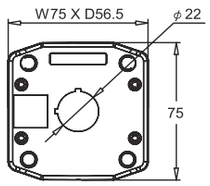


Control box 1 to 6 holes 控制盒 一孔 ~ 六孔

B-1A



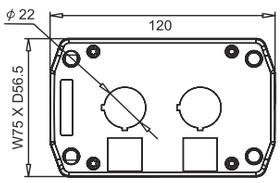
1 hole control box
IP65 22mmφ



B-2A



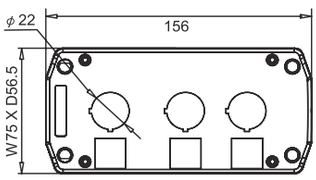
2 hole control box
IP65 22mmφ



B-3A



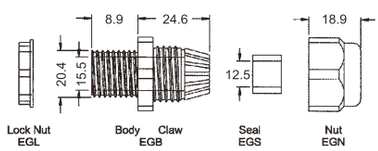
3 hole control box
IP65 22mmφ



EG-13.5



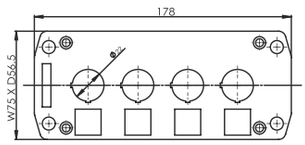
cable grand for control box
IP68



B-4A



4 hole control box
IP65 22mmφ



B-5A



5 hole control box
IP65 22mmφ

