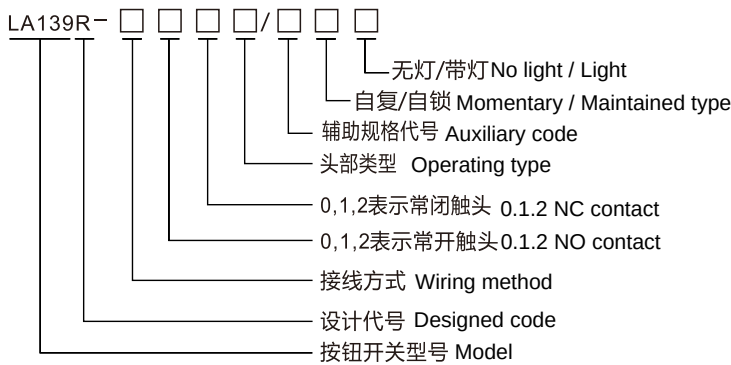




Products Select Guide

Plastic Push Button

型号及含义



电压

AC.DC 6V	AC.DC 110V
AC.DC 12V	AC.DC 127V
AC.DC 24V	AC.DC 220V
AC.DC 36V	AC 220V
AC.DC 48V	AC 380V

接线方式 Wiring method

C	直插式 (螺丝固定式默认无字母)Plug-in / Through-hole
---	--

头部类型 Operating type

字母	含义
	(默认无字母)平钮
H	高钮 High type
M	蘑菇钮 Mushroom type
ZX	急停蘑菇，旋转释放 Emergency Stop Mushroom
X	选择短柄 Short handle
CX	选择长柄 Long handle
Y	选择钥匙 Key-lock
RG	双键钮 Dual button
T	自锁 (自复默认无字母) Maintained type (Blank is Momentary)
D	带灯 (无灯默认无字母)Light (Blank is no lights)

辅助规格代号 Auxiliary code

字母	含义
2	两相 2 phase
3	三相 3 phase
2S	两相防误操作 2 phase anti-misoperation protection
3S	三相防误操作 3 phase anti-misoperation protection
FU	自复型 (自锁默认无字母)Momentary type (Blank is Maintained)

使用环境条件

周围空气温度 -25℃ ~ +40℃；
海拔高度 ≤ 2000m；
空气相对湿度 ≤ 90%；
污染等级 3 级；
防护等级 IP40/IP65；

主要技术参数

开关额定值：AC-15 36V/10A 110V/10A 220V/5A 380V/2.7A 660V/1.8A
DC-13 24V/4A 48V/4A 110V/2A 220V/1A 440V/0.6A.

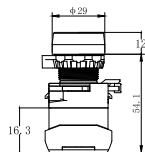
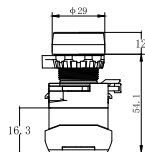
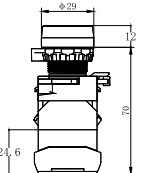
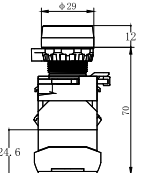
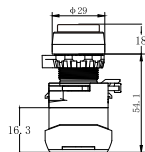
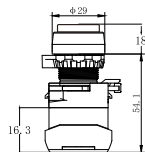
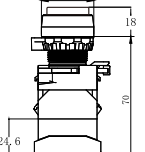
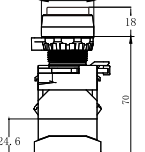
约定发热电流 Ith 10A.

触点电阻 ≤ 50mΩ

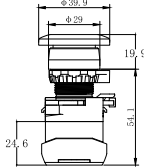
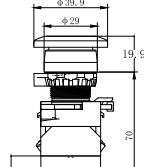
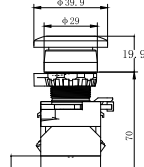
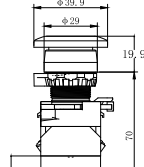
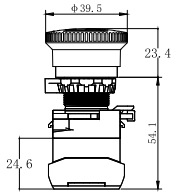
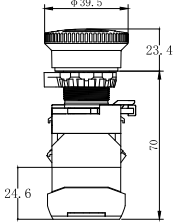
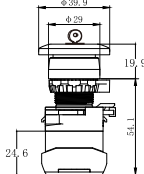
绝缘电阻 ≥ 10MΩ

机械寿命:平钮 ≥ 300×10⁴ 次 旋钮 ≥ 30×10⁴ 次
 钥匙钮 ≥ 5×10⁴ 次 急停钮 ≥ 5×10⁴ 次

LA139R 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	1NO	LA139R-10	     	
	1NC	LA139R-01		
	1NO+1NC	LA139R-11		
	2NO	LA139R-20		
	2NC	LA139R-02		
自锁型 Maintained	1NC	LA139R-01T	     	
	1NO	LA139R-10T		
	1NO+1NC	LA139R-11T		
	2NO	LA139R-20T		
	2NC	LA139R-02T		
	1NO	LA139R-10D	     	
	1NC	LA139R-01D		
	1NO+1NC	LA139R-11D		
	2NO	LA139R-20D		
	2NC	LA139R-02D		
带灯自锁型 Maintained Illuminated	1NC	LA139R-01TD	     	
	1NO	LA139R-10TD		
	1NO+1NC	LA139R-11TD		
	2NO	LA139R-20TD		
	2NC	LA139R-02TD		
	1NO	LA139R-10H	     	
	1NO+1NC	LA139R-11H		
	2NO	LA139R-20H		
	2NC	LA139R-02H		
	1NC	LA139R-01HT		
自锁型 Maintained	1NO+1NC	LA139R-11HT	     	
	2NO	LA139R-20HT		
	2NC	LA139R-02HT		
	1NO	LA139R-10HD		
	1NO+1NC	LA139R-11HD		
带灯自复型 Momentary Illuminated	2NO	LA139R-20HD	     	
	2NC	LA139R-02HD		
	1NC	LA139R-01HTD		
	1NO	LA139R-10HTD		
	1NO+1NC	LA139R-11HTD		
带灯自锁型 Maintained Illuminated	2NC	LA139R-02HTD	     	

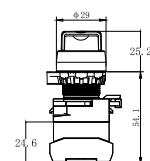
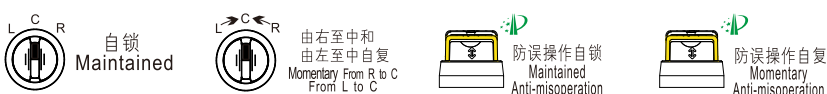
LA139R 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	自复型 Momentary	1NO	LA139R-10M	    	
		1NO+1NC	LA139R-11M		
	自锁型 Maintained	1NO	LA139R-10MT		
		1NO+1NC	LA139R-11MT		
	带灯自复型 Maintained Illuminated	1NO	LA139R-10MD		
		1NO+1NC	LA139R-11MD		
	带灯自锁型 Maintained Illuminated	1NO	LA139R-10MTD		
		1NO+1NC	LA139R-11MTD		
	旋转释放 Twist Release	1NC	LA139R-01ZS		
		1NO+1NC	LA139R-11ZS		
		2NC	LA139R-02ZS		
		2NO	LA139R-20ZS		
	带灯旋转释放 Twist Release Illuminated	1NO+1NC	LA139R-11ZSD		
		2NC	LA139R-02ZSD		
		2NO	LA139R-20ZSD		
		1NC	LA139R-01ZSD		
	钥匙旋转释放 Key Release	1NC	LA139R-01YZS		
		1NO+1NC	LA139R-11YZS		
		2NC	LA139R-02YZS		

旋钮二位 **Selector switch Two-Position**

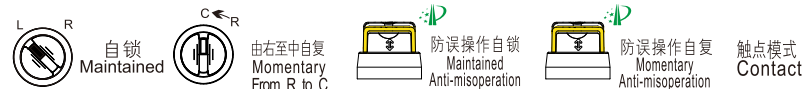
LA139R-10X/2 LA139R-10X/2FU 1NO

LA139R-11X/2 LA139R-11X/2FU LA139R-11X/2S LA139R-11X/2SFU 1NO+1NC

旋钮三位 **Selector switch Three-Position**

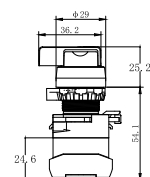
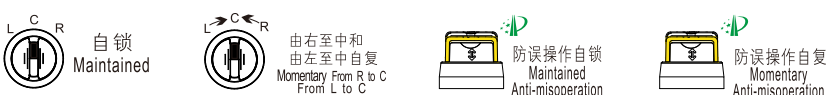
LA139R-11X/3 LA139R-11X/3FU 1NO+1NC

LA139R-20X/3 LA139R-20X/3FU LA139R-20X/3S LA139R-20X/3SFU 2NO

触点模式
Contact长柄旋钮二位 **Selector switch Two-Position**

LA139R-11CX/2 LA139R-11CX/2FU LA139R-11CX/2S LA139R-11CX/2SFU 1NO+1NC

LA139R-20CX/2 LA139R-20CX/2FU 2NO

长柄旋钮三位 **Selector switch Three-Position**

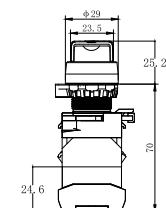
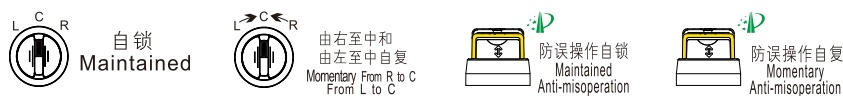
LA139R-11CX/3 LA139R-11CX/3FU 1NO+1NC

LA139R-20CX/3 LA139R-20CX/3FU LA139R-20CX/3S LA139R-20CX/3SFU 2NO

触点模式
Contact带灯旋钮二位 **Selector switch Two-Position Illuminated**

LA139R-11X/2D LA139R-11X/2DFU LA139R-11X/2SD LA139R-11X/2SFUD 1NO+1NC

LA139R-20X/2D LA139R-20X/2DFU 2NO

带灯旋钮三位 **Selector switch Three-Position Illuminated**

LA139R-11X/3D LA139R-11X/3DFU 1NO+1NC

LA139R-20X/3D LA139R-20X/3DFU LA139R-20X/2SD LA139R-20X/2SFUD 2NO

触点模式
Contact

LA139R 系列按钮开关 • Push Button Switch

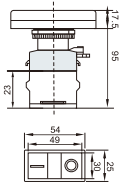
描述 Description	型号 Type	触点模式 Contact	颜色 Color	外形尺寸 Dimension
-------------------	------------	-----------------	-------------	-------------------



双键自复型
Double
Projecting
Momentary

LA139R-11RG

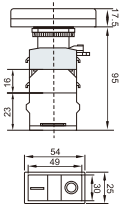
1NO+1NC



双键带灯
自复型
Double
Projecting
Momentary
Illuminated

LA139R-11DRG

1NO+1NC



钥匙开关二位 Key switch Two-Position



自锁
Maintained



由右至中自复
Momentary
From R to C

触点模式
Contact

LA139R-10Y/2

LA139R-10Y/2FU

1NO

LA139R-01Y/2

LA139R-01Y/2FU

1NC

LA139R-11Y/2

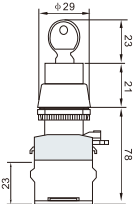
LA139R-11Y/2FU

1NO+1NC

LA139R-20Y/2

LA139R-20Y/2FU

2NO



钥匙开关三位 Key switch Three-Position



自锁
Maintained



由右至中和
由左至中自复
Momentary From R to C
From L to C

触点模式
Contact

LA139R-11Y/3

LA139R-11Y/3FU

1NO+1NC

LA139R-20Y/3

LA139R-20Y/3FU

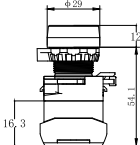
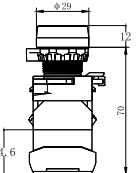
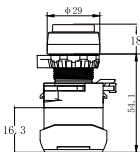
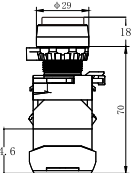
2NO

LA139R-02Y/3

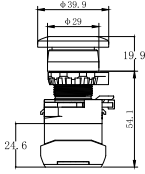
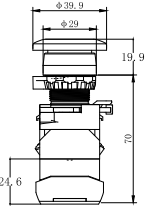
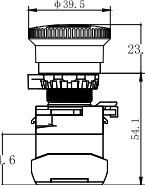
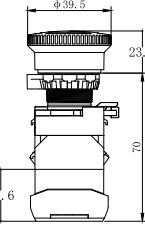
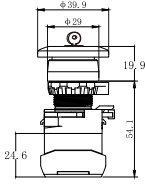
LA139R-02Y/3FU

2NC

LA139R 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	插线式 自复型 Momentary	1NO	LA139R-C10	     	
		1NC	LA139R-C01		
		1NO+1NC	LA139R-C11		
		2NO	LA139R-C20		
	插线式 自锁型 Maintained	2NC	LA139R-C02		
		1NC	LA139R-C01T		
		1NO	LA139R-C10T		
		1NO+1NC	LA139R-C11T		
	插线式 带灯自复型 Momentary Illuminated	2NO	LA139R-C20T	    	
		2NC	LA139R-C02T		
	插线式 带灯自锁型 Maintained Illuminated	1NO	LA139R-C10D		
		1NC	LA139R-C01D		
		1NO+1NC	LA139R-C11D		
		2NO	LA139R-C20D		
		2NC	LA139R-C02D		
		1NC	LA139R-C01TD		
	插线式 自复型 Momentary	1NO	LA139R-C10H	     	
		1NO+1NC	LA139R-C11H		
		2NO	LA139R-C20H		
		2NC	LA139R-C02H		
	插线式 自锁型 Maintained	1NC	LA139R-C01HT		
		1NO+1NC	LA139R-C11HT		
		2NO	LA139R-C20HT		
		2NC	LA139R-C02HT		
	插线式 带灯自复型 Momentary Illuminated	1NO	LA139R-C10HD	    	
		1NO+1NC	LA139R-C11HD		
		2NO	LA139R-C20HD		
		2NC	LA139R-C02HD		
	插线式 带灯自锁型 Maintained Illuminated	1NC	LA139R-C01HTD		
		1NO	LA139R-C10HTD		
		1NO+1NC	LA139R-C11HTD		
		2NC	LA139R-C02HTD		

LA139R 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	插线式 自复型 Momentary	1NO	LA139R-C10M	    	
		1NO+1NC	LA139R-C11M		
	插线式 自锁型 Maintained	1NO	LA139R-C10MT		
		1NO+1NC	LA139R-C11MT		
	插线式 带灯自复型 Maintained Illuminated	1NO	LA139R-C10MD	    	
		1NO+1NC	LA139R-C11MD		
	插线式 带灯自锁型 Maintained Illuminated	1NO	LA139R-C10MTD		
		1NO+1NC	LA139R-C11MTD		
	插线式 旋转释放 Twist Release	1NC	LA139R-C01ZS		
		1NO+1NC	LA139R-C11ZS		
		2NC	LA139R-C02ZS		
		2NO	LA139R-C20ZS		
		1NO+1NC	LA139R-C11ZS/STOP		
	插线式 带灯旋转释放 Twist Release Illuminated	1NC	LA139R-C01ZSD		
		1NO+1NC	LA139R-C11ZSD		
		2NC	LA139R-C02ZSD		
		2NO	LA139R-C20ZSD		
	钥匙旋转释放 Key Release	1NC	LA139R-C01YZS		
		1NO+1NC	LA139R-C11YZS		
		2NC	LA139R-C02YZS		

LA139R 系列按钮开关 • Push Button Switch

旋钮二位 **Selector switch Two-Position**



自锁
Maintained



由右至中自复
Momentary From R to C



防误操作自锁
Maintained Anti-misoperation



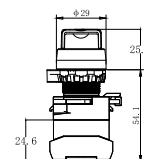
防误操作自复
Momentary Anti-misoperation

触点模式
Contact

LA139R-C10X/2 LA139R-C10X/2FU

1NO

LA139R-C11X/2 LA139R-C11X/2FU LA139R-C11X/2S LA139R-C11X/2SFU 1NO+1NC



旋钮三位 **Selector switch Three-Position**



自锁
Maintained



由右至中和
由左至中自复
Momentary From R to C
From L to C



防误操作自锁
Maintained Anti-misoperation



防误操作自复
Momentary Anti-misoperation

触点模式
Contact

LA139R-C11X/3

LA139R-C11X/3FU

1NO+1NC

LA139R-C20X/3

LA139R-C20X/3FU

LA139R-C20X/3S

LA139R-C20X/3SFU

2NO

长柄旋钮二位 **Selector switch Two-Position**



自锁
Maintained



由右至中自复
Momentary From R to C



防误操作自锁
Maintained Anti-misoperation



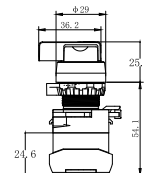
防误操作自复
Momentary Anti-misoperation

触点模式
Contact

LA139R-C11CX/2 LA139R-C11CX/2FU LA139R-C11CX/2S LA139R-C11CX/2SFU 1NO+1NC

LA139R-C20CX/2 LA139R-C20CX/2FU

2NO



长柄旋钮三位 **Selector switch Three-Position**



自锁
Maintained



由右至中和
由左至中自复
Momentary From R to C
From L to C



防误操作自锁
Maintained Anti-misoperation



防误操作自复
Momentary Anti-misoperation

触点模式
Contact

LA139R-C11CX/3

LA139R-C11CX/3FU

1NO+1NC

LA139R-C20CX/3

LA139R-C20CX/3FU

LA139R-C20CX/3S

LA139R-C20CX/3SFU

2NO

带灯旋钮二位 **Selector switch Two-Position Illuminated**



自锁
Maintained



由右至中自复
Momentary From R to C



防误操作自锁
Maintained Anti-misoperation



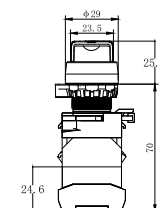
防误操作自复
Momentary Anti-misoperation

触点模式
Contact

LA139R-C11X/2D LA139R-C11X/2DFU LA139R-C11X/2SD LA139R-C11X/2SFUD 1NO+1NC

LA139R-C20X/2D LA139R-C20X/2DFU

2NO



带灯旋钮三位 **Selector switch Three-Position Illuminated**



自锁
Maintained



由右至中和
由左至中自复
Momentary From R to C
From L to C



防误操作自锁
Maintained Anti-misoperation



防误操作自复
Momentary Anti-misoperation

触点模式
Contact

LA139R-C11X/3D

LA139R-C11X/3DFU

1NO+1NC

LA139R-C20X/3D

LA139R-C20X/3DFU

LA139R-C20X/2SD

LA139R-C20X/2SFUD

2NO

LA139R 系列按钮开关 • Push Button Switch

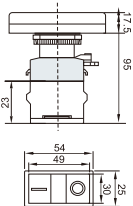
描述 Description	型号 Type	触点模式 Contact	颜色 Color	外形尺寸 Dimension
-------------------	------------	-----------------	-------------	-------------------



插线式
双键自复型
Double
Projecting
Momentary

LA139R-C11RG

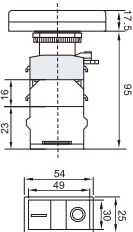
1NO+1NC



插线式
双键带灯
自复型
Double
Projecting
Momentary
Illuminated

LA139R-C11DRG

1NO+1NC



钥匙开关二位 Key switch Two-Position



自锁
Maintained



由右至中自复
Momentary
From R to C

触点模式
Contact

LA139R-C10Y/2

LA139R-C10Y/2FU

1NO

LA139R-C01Y/2

LA139R-C01Y/2FU

1NC

LA139R-C11Y/2

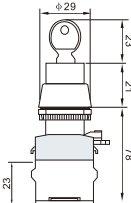
LA139R-C11Y/2FU

1NO+1NC

LA139R-C20Y/2

LA139R-C20Y/2FU

2NO



钥匙开关三位 Key switch Three-Position



自锁
Maintained



由右至中和
由左至中自复
Momentary From R to C
From L to C

触点模式
Contact

LA139R-C11Y/3

LA139R-C11Y/3FU

1NO+1NC

LA139R-C20Y/3

LA139R-C20Y/3FU

2NO

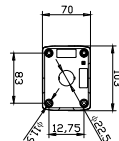
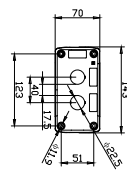
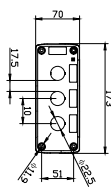
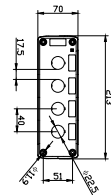
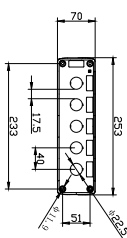
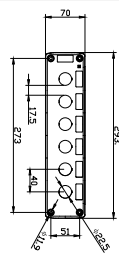
LA139R-C02Y/3

LA139R-C02Y/3FU

2NC



LA139R按钮盒系列 • Push Button Box Switch

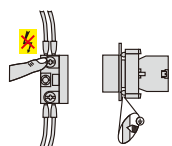
描述 Description	型号 Type	颜色 Color	外形尺寸 Dimension	
	LA139R-1G			
	一孔按钮盒	LA139R-1Y		
	一孔按钮盒+强力磁	LA139R-1GC		
		LA139R-1YC		
	LA139R-2G			
	二孔按钮盒	LA139R-2Y		
	二孔按钮盒+强力磁	LA139R-2GC		
		LA139R-2YC		
	LA139R-3G			
	三孔按钮盒	LA139R-3Y		
	三孔按钮盒+强力磁	LA139R-3GC		
		LA139R-3YC		
	LA139R-4G			
	四孔按钮盒	LA139R-4Y		
	四孔按钮盒+强力磁	LA139R-4GC		
		LA139R-4YC		
	LA139R-5G			
	五孔按钮盒	LA139R-5Y		
	五孔按钮盒+强力磁	LA139R-5GC		
		LA139R-5YC		
	LA139R-6G			
	六孔按钮盒	LA139R-6Y		
	六孔按钮盒+强力磁	LA139R-6GC		
		LA139R-6YC		



- ◎ 工作温度: -25~+70℃
Working environment temperature
- ◎ 储存温度: -40~+70℃
Storage temperature
- ◎ 污染等级: 3级
Class of pollution
- ◎ 防护等级: IP40/IP65/IP66
Protection grade: IP40/IP65/IP66
- ◎ 海拔极限高度: ≤2000米
Limit height: ≤2000米
- ◎ 符合标准 Standard
EN 60947-1, GB14048.5

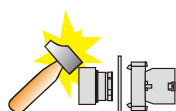
- 11 |
- www.nietz.cn

■ 特点

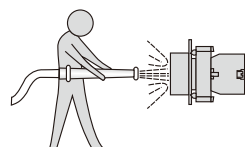


- 舒适的手指按压位置和开关拨动操作
- 功能识别
- 自动接地
- 防手指触电设计

- Comfortable finger press position and toggle switch
- Function identifying
- Automatic grounding
- Anti finger electric shock design



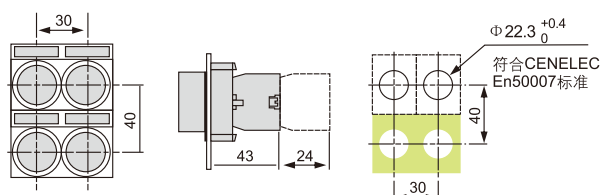
- 镀铬金属头和安装底座
- 防震的螺钉端子
- 坚固、可靠、长达3百万次的机械寿命
- 长达5万小时的LED指示灯使用寿命
- Chrome plated metal head and installed base
- Shockproof screw terminals
- Solid, reliable and 3,000,000 mechanical life 50,000 hours working life of the LED indicator



- 高防护等级IP65

安装快速简单，最终形式由您决定
Easy to install, and the final form decided by you

安装开孔图(厚度1到6mm)
Installation opening diagram
(thickness 1-6mm)



- 面板表面最小
- 安装深度最浅
- The minimum surface of the plate
- The most shallow of the installed depth

注: LA139A塑料系列安装
面板厚度1至5mm。
The thickness of LA139A series installed plated is 1-5mm.

- 整体型号LA139A

按钮头-触点基座组装
按钮头自动保持在开孔中
按钮头旋转一定角度，卡入触点基座

- Whole series with model number LA139A
Push button head assembling with terminal base
The push button head is automatically kept in the open hole
Twist the button head to a certain angle, and then lock with the contacted base

- 2个金属螺钉固定
防震
自动接地
敞开式接线端，无需预松螺钉

- Fixed with 2 metal screw
Quake proof
Automatic grounding
No need to loose the screw first with the open-style connect part

- 电气功能
最多可装6付触点模块

- Electrical function
Can install 6 pairs connect unit at most

- 高防护等级IP65

按钮头的安装

- 后端螺钉固定

Protection degree: IP65

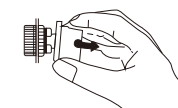
- The installation of the button head:
The back part fixed by screw

咔哒

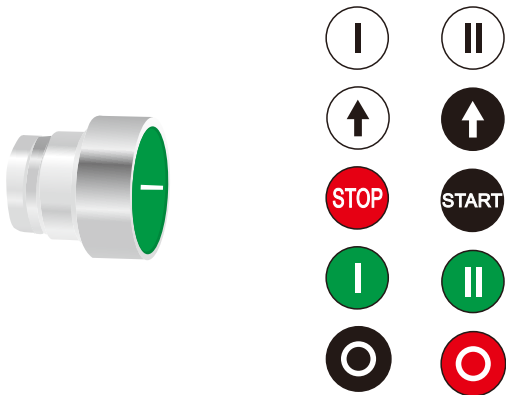
触点基座卡式安装

- 无需任何工具
- 快捷、牢固

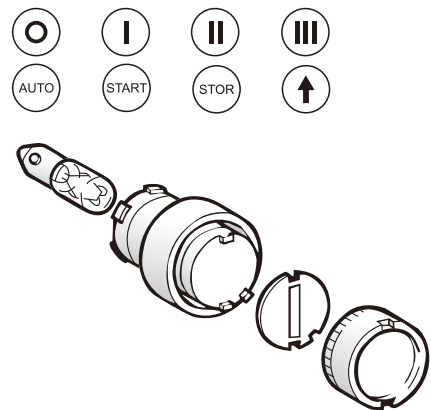
The connected base is cassette fixed
► Do not need any tool
► Fast and firm



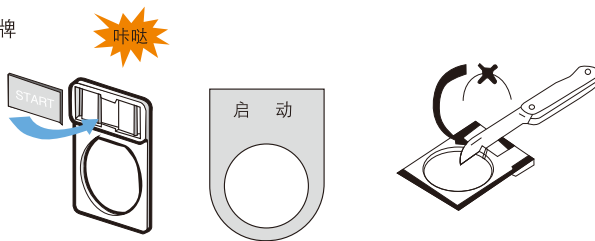
齐全的标识标牌-为您量身定做带功能符号的按钮
Complete symbol-making function symbol on the button according your special requirement



透明环形刻度板
The transparent and ring form scale plate



标签标牌



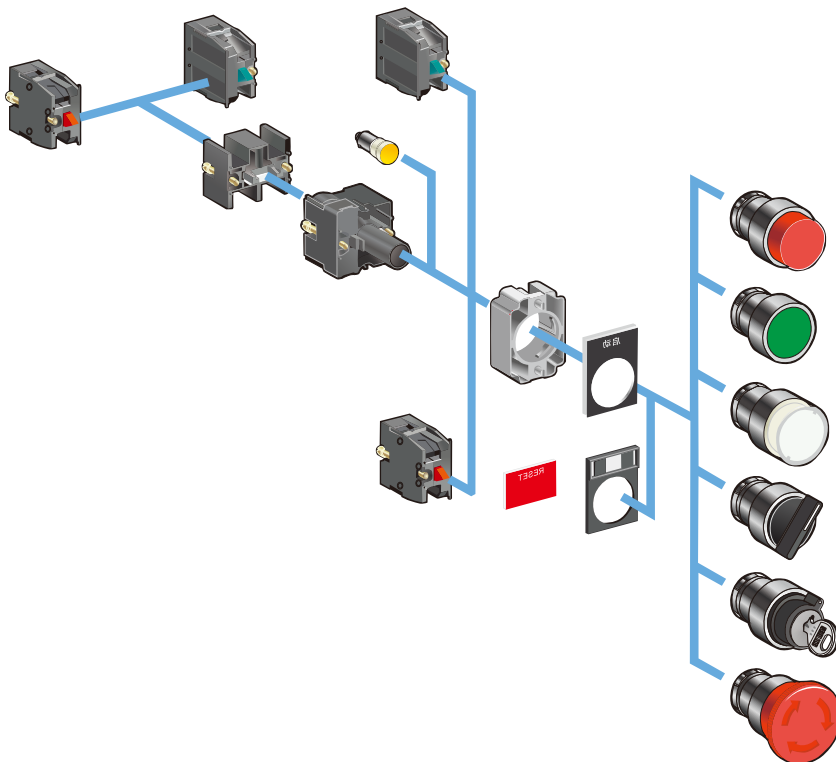
不同选择

Different choice

- ▶ 大小 Size
- ▶ 形状 Shape
- ▶ 颜色 color
- ▶ 文字 Writing

根据需要可任意定制
Customizable as needed.

组成和附件 Constitute with enclosure



LA139A 系列按钮开关 • Push Button Switch



描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
简易式平钮 自复型 Flush Button Momentary	1NO	LA139A-EA121		
	1NO	LA139A-EA131		
	1NC	LA139A-EA142		
	1NO	LA139A-EA151		
	1NO	LA139A-EA161		
	1NO+1NC	LA139A-EA125		
	1NO+1NC	LA139A-EA135		
平钮 自复型 Flush Button Momentary	1NO+1NC	LA139A-EA145		
	1NO	LA139A-EA11		
	1NO	LA139A-EA31		
	1NO+1NC	LA139A-EA55		
凸钮 自复型 Projecting button Momentary	1NO	LA139A-EA61		
	1NC	LA139A-EA42		
	1NO	LA139A-EL11		
	1NO	LA139A-EL31		
平钮(防水罩) 自复型 Flush Button Momentary (with water- proof cover) IP 65	1NO+1NC	LA139A-EL55		
	1NO	LA139A-EL61		
	1NC	LA139A-EL42		
	1NO	LA139A-EP11		
平钮(带符号) 自复型 Flush Button Momentary Marked	1NO	LA139A-EP21		
	2NO	LA139A-EP33		
	1NO	LA139A-EP61		
	1NC	LA139A-EP42		
平钮(带符号) 自复型 Flush Button Momentary Marked	1NO	LA139A-EA3341		
	1NO	LA139A-EA3351		
	1NO	LA139A-EA5331		
	1NC	LA139A-EA4322		
凸钮(带符号) 自复型 Projecting button Momentary Marked	1NC	LA139A-EA4342		
	1NO	LA139A-EL3341		
	1NO	LA139A-EL3351		
	1NO	LA139A-EL5331		
凸钮(带符号) 自复型 Projecting button Momentary Marked	1NC	LA139A-EL4322		
	1NC	LA139A-EL4342		
	1NO	LA139A-EL3341		
	1NO	LA139A-EL3351		

型号命名方式解释 Explanation of Type Designation

(示例):
Example

LA139A

LA139A 系列 Series

—

EA

EA 平钮(自复型)
Flush Pushbutton(Momentary)
凸钮(自复型)
Projecting Pushbutton(Momentary)
平钮(自复型,带防水罩)
Flush Pushbutton(Cover)(Momentary)
蘑菇头按钮(自复型,Φ40)
Pushbutton,Mushroom(Momentary,Φ40)
蘑菇头按钮(自复型,Φ60)
Pushbutton,Mushroom(Momentary,Φ60)

3

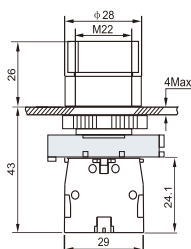
1= 331
2= 336
3= 432
4= 434
5= 533
6= 334 333
335 336
776 777

1

1 = 1NO
2 = 1NC
3 = 2NO
4 = 2NC
5 = 1NO+1NC

旋钮二位 **Selector switch Two-position**

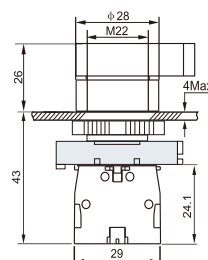
 自锁 Maintained	 自复位 Momentary from R to C	触点模式 Contact
LA139A-ED21	LA139A-ED41	1NO
LA139A-ED22	LA139A-ED42	1NC
LA139A-ED25	LA139A-ED45	1NO+1NC

旋钮三位 **Selector switch Three-position**

 自锁 Maintained	 自复位 Momentary From L to C From R to C	 自复位 Momentary from L to C	 自复位 Momentary from R to C	触点模式 Contact
LA139A-ED33	LA139A-ED53	LA139A-ED63	LA139A-ED73	1NO+1NO
LA139A-ED35	LA139A-ED55	LA139A-ED65	LA139A-ED75	1NO+1NC

长柄旋钮二位 **Selector switch Two-position**

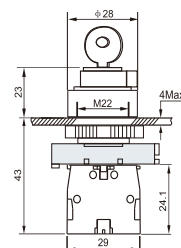
 自锁 Maintained	 自复位 Momentary from R to C spring return	触点模式 Contact
LA139A-EJ21	LA139A-EJ41	1NO
LA139A-EJ22	LA139A-EJ42	1NC
LA139A-EJ25	LA139A-EJ45	1NO+1NC

长柄旋钮三位 **Selector switch Three-position**

 自锁 Maintained	 自复位 Momentary From L to C	 自复位 Momentary from L to C	 自复位 Momentary from R to C spring return	触点模式 Contact
LA139A-EJ33	LA139A-EJ53	LA139A-EJ63	LA139A-EJ73	1NO+1NO
LA139A-EJ35	LA139A-EJ55	LA139A-EJ65	LA139A-EJ75	1NO+1NC

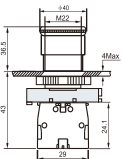
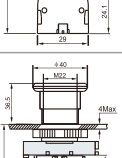
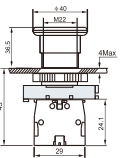
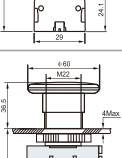
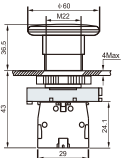
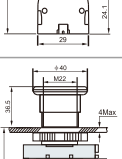
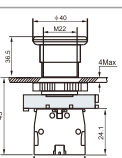
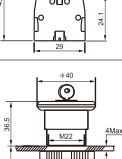
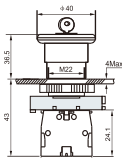
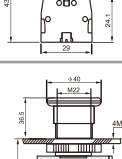
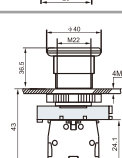
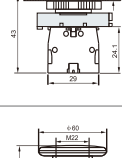
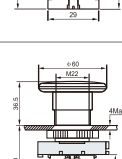
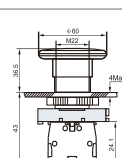
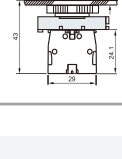
钥匙开关二位 **Key switch Two-position**

 自锁 Maintained	 自复位 Momentary from R to C spring return	触点模式 Contact
LA139A-EG21	LA139A-EG41	1NO
LA139A-EG22	LA139A-EG42	1NC
LA139A-EG25	LA139A-EG45	1NO+1NC

钥匙开关三位 **Key switch Three-position**

 自锁 Maintained	 自复位 Momentary From L to C	 自复位 Momentary from L to C	 自复位 Momentary from R to C	触点模式 Contact
LA139A-EG33	LA139A-EG53	LA139A-EG63	LA139A-EG73	1NO+1NO
LA139A-EG35	LA139A-EG55	LA139A-EG65	LA139A-EG75	1NO+1NC

LA139A 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
 旋转释放 Φ30 Twist Release	1NC	LA139A-ES442		
	1NO+1NC	LA139A-ES445		
 旋转释放 Φ40 Twist Release	1NC	LA139A-ES542		
	1NO+1NC	LA139A-ES545		
 旋转释放 Φ60 Twist Release	1NC	LA139A-ES642		
	1NO+1NC	LA139A-ES645		
 拉拔释放 Φ40 Pull Release	1NC	LA139A-ET42		
	1NO+1NC	LA139A-ET45		
 钥匙旋转释放 Φ40 Key Release	1NC	LA139A-ES142		
	1NO+1NC	LA139A-ES145		
 蘑菇头按钮 自复型 Φ40 Mushroom button Momentary	1NO	LA139A-EC21		
	1NO	LA139A-EC31		
	1NC	LA139A-EC42		
 蘑菇头按钮 自复型 Φ60 Mushroom button Momentary	1NO	LA139A-ER21		
	1NO	LA139A-ER31		
	1NC	LA139A-ER42		

型号命名方式解释 Explanation of Type Designation

(示例):
Example

LA139A

—

ES5

4

2

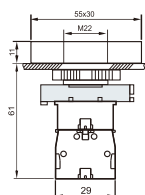
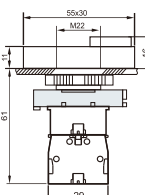
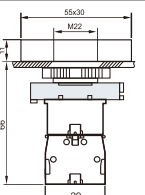
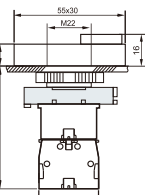
LA139A 系列 Series

ES4 急停按钮 (旋转释放, Φ30)
Emergency stop button (Twist Release Φ30)
ES5 急停按钮 (旋转释放, Φ40)
Emergency stop button (Twist Release Φ40)
ES6 急停按钮 (旋转释放, Φ60)
Emergency stop button (Twist Release Φ60)
ES1 急停按钮 (钥匙旋转释放, Φ40)
Emergency stop button (Key Release Φ40)
ET 急停按钮 (拉拔释放, Φ40)
Emergency stop button (Pull Release Φ40)

2 = 黑 (Black)
4 = 红 (Red)

1=1NO
2=1NC
3=2NO
4=2NC
5=1NO+1NC

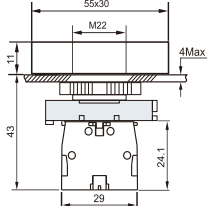
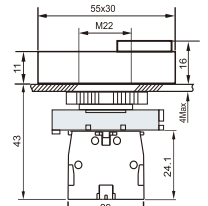
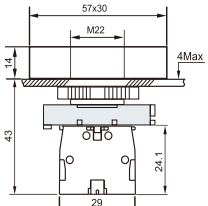
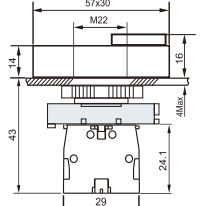
LA139A 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
 双键平钮 Double Flush Button Unmarked IP40	1NO+1NC	LA139A-EW8365		
 双键凸平钮 Projecting/Flush Button Marked IP40	1NO+1NC	LA139A-EW8465		
 双键平钮 Double Flush Button Unmarked IP40	1NO+1NC	LA139A-EW8375		
 双键凸平钮 Projecting/Flush Button Marked IP40	1NO+1NC	LA139A-EW8475		

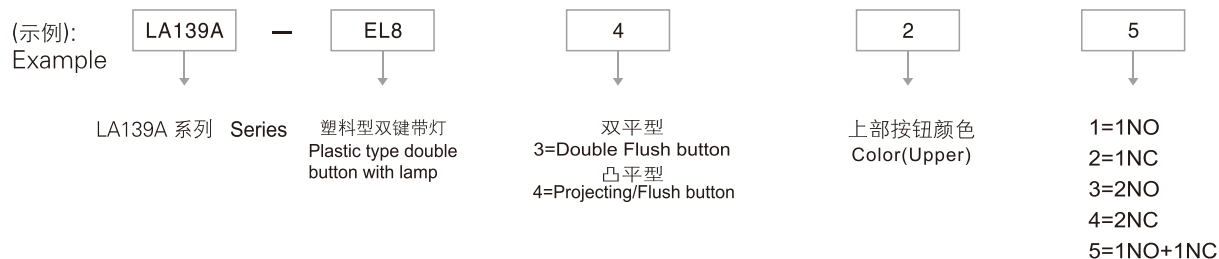
型号命名方式解释 Explanation of Type Designation

(示例): Example	LA139A	—	EW8	3	6	5
	↓		↓	↓	↓	↓
	LA139A 系列 Series		塑料型双键带灯 Plastic type double button with lamp	双平型 3=Double Flush button 凸平型 4=Projecting/Flush button	BA9S 基座 base 直接插入式 6 = Push-in bulb 阻容降压方式 7 = Via integral resistance, 变压器降压方式 4 =Via integral transformer	1=1NO 2=1NC 3=2NO 4=2NC 5=1NO+1NC

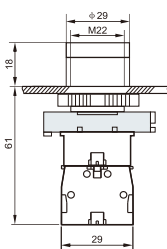
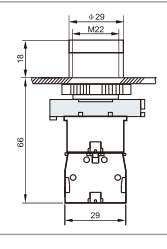
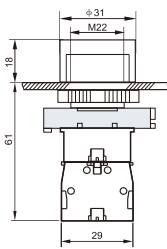
LA139A 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	双键平钮 Double Flush button IP40	1NO+1NC	LA139A-EL8325		
	双键凸平钮 Double Projecting/Flush button IP40	1NO+1NC	LA139A-EL8425		
	双键平钮 带防水罩 Double Flush button with waterproof cover unmarked IP65	1NO+1NC	LA139A-EL9325		
	双键凸平钮 带防水罩 Double Projecting/flush button with waterproof cover unmarked IP65	1NO+1NC	LA139A-EL9425		

型号命名方式解释 Explanation of Type Designation



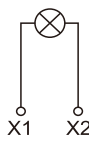
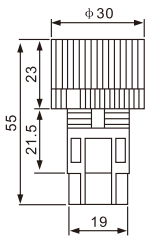
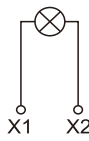
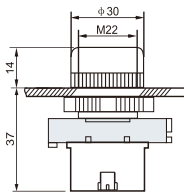
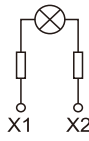
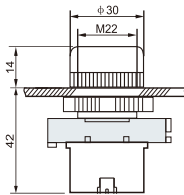
LA139A 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	直接式带灯 按钮 Direct Supply Illuminated	1NO	LA139A-EW3361		
		1NO+1NC	LA139A-EW3565		
		1NO	LA139A-EW3661		
		1NC	LA139A-EW3462		
	阻容式带灯 按钮 Resistance Illuminated	1NO	LA139A-EW3371		
		1NO+1NC	LA139A-EW3575		
		1NO	LA139A-EW3671		
		1NC	LA139A-EW3472		
	防水带灯 按钮 IP65 Illuminated Waterproof	1NO	LA139A-EPW3361		
		1NO	LA139A-EPW3561		
		1NC	LA139A-EPW3462		
		1NO	LA139A-EPW3571		
		1NO	LA139A-EPW3671		
		1NC	LA139A-EPW3472		

型号命名方式解释 Explanation of Type Designation

(示例): Example	LA139A	—	EW3	3	6	1
	↓		↓	↓	↓	↓
	LA139A 系列 Series		带灯型(Illuminated) 灯钮(平头型) EW3 Pushbutton(Flush) 灯钮(平头型,带防水罩) EPW3 Pushbutton(Flush,Cover)	1=  3=  4=  5=  6= 	BA9S 基座 base 直接插入式 6 = Push-in bulb 阻容降压方式 7 = Via integral resistance, 变压器降压方式 4 = Via integral transformer	1=1NO 2=1NC 3=2NO 4=2NC 5=1NO+1NC

LA139A 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	简易式指示灯 直接式 110V Direct type		LA139A-EV133		
			LA139A-EV134		
			LA139A-EV135		
			LA139A-EV161		
	简易式指示灯 直接式 220V Direct type		LA139A-EV163		
			LA139A-EV164		
			LA139A-EV165		
			LA139A-EV166		
	直接式指示灯 Direct supply Indicator		LA139A-EV61		
			LA139A-EV63		
			LA139A-EV64		
			LA139A-EV65		
			LA139A-EV66		
	阻容式指示灯 Resistance Indicator		LA139A-EV71		
			LA139A-EV73		
			LA139A-EV74		
			LA139A-EV75		
			LA139A-EV76		

型号命名方式解释 Explanation of Type Designation

(示例):
Example

LA139A

—

E

V

6

1

LA139A 系列 Series

塑料系列
Plastic series

指示灯
Pilot Light

BA9S 基座 base
灯泡直接插入式
6 = Direct bulb included,
阻容降压方式
7 = Via integral resistance,
变压器降压方式
4 = Via integral transformer

1= 

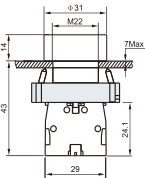
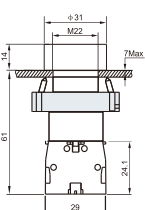
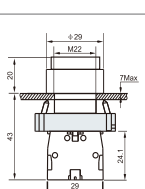
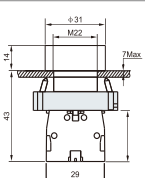
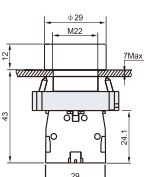
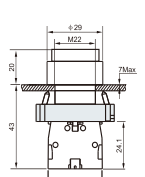
3= 

4= 

5= 

6= 

LA139A 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	平钮 自复型 Flush Button Momentary	1NO	LA139A-BA11		
		1NO	LA139A-BA31		
		1NO+1NC	LA139A-BA55		
		1NO	LA139A-BA61		
		1NC	LA139A-BA42		
	带锁定模块的 平头按钮 Flush Button with lock block	1NO	LA139A-BZ11		
		1NO	LA139A-BZ21		
		1NO	LA139A-BZ31		
		1NC	LA139A-BZ42		
		1NO	LA139A-BZ51		
	凸钮 自复型 Projecting button Momentary	1NO	LA139A-BL11		
		1NO	LA139A-BL31		
		1NO+1NC	LA139A-BL55		
		1NO	LA139A-BL61		
		1NC	LA139A-BL42		
	平钮(防水罩) 自复型 Flush Button Momentary (with water- proof cover) IP 65	1NO	LA139A-BP11		
		1NO	LA139A-BP21		
		1NO+1NC	LA139A-BP33		
		1NO	LA139A-BP61		
		1NC	LA139A-BP42		
	平钮(带符号) 自复型 Flush Button Momentary Marked	1NO	LA139A-BA3341		
		1NO	LA139A-BA3351		
		1NO	LA139A-BA5331		
		1NC	LA139A-BA4322		
		1NC	LA139A-BA4342		
	凸钮(带符号) 自复型 Projecting button Momentary Marked	1NO	LA139A-BL3341		
		1NO	LA139A-BL3351		
		1NO	LA139A-BL5331		
		1NC	LA139A-BL4322		
		1NC	LA139A-BL4342		

型号命名方式解释 Explanation of Type Designation

(示例): Example	LA139A	—	B	A	3	1
	LA139A 系列 Series		金属系列 Metal Series	平头按钮 Flush Pushbutton	1=  331  2=  336  3=  432  4=  434  5=  533  6=  334  333  335  336  776  777 	1 = 1NO 2 = 1NC 3 = 2NO 4 = 2NC 5 = 1NO+1NC

旋钮二位 **Selector switch Two-position**

自锁
Maintained



自复位
Momentary
from R to C

触点模式
Contact

LA139A-BD21

LA139A-BD41

1NO

LA139A-BD22

LA139A-BD42

1NC

LA139A-BD23

LA139A-BD43

1NO+1NO

LA139A-BD24

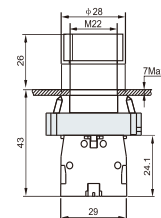
LA139A-BD44

1NC+1NC

LA139A-BD25

LA139A-BD45

1NO+1NC

旋钮三位 **Selector switch Three-position**

自锁
Maintained



自复位
Momentary
From L to C
From R to C



自复位
Momentary
from L to C



自复位
Momentary
from R to C

触点模式
Contact

LA139A-BD33

LA139A-BD53

LA139A-BD63

LA139A-BD73

1NO+1NO

LA139A-BD34

LA139A-BD54

LA139A-BD64

LA139A-BD74

1NC+1NC

LA139A-BD35

LA139A-BD55

LA139A-BD65

LA139A-BD75

1NO+1NC

长柄旋钮二位 **Selector switch Two-position**

自锁
Maintained



自复位
Momentary
from R to C

触点模式
Contact

LA139A-BJ21

LA139A-BJ41

1NO

LA139A-BJ22

LA139A-BJ42

1NC

LA139A-BJ23

LA139A-BJ43

1NO+1NO

LA139A-BJ24

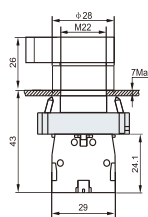
LA139A-BJ44

1NC+1NC

LA139A-BJ25

LA139A-BJ45

1NO+1NC

长柄旋钮三位 **Selector switch Three-position**

自锁
Maintained



自复位
Momentary
From L to C
From R to C



自复位
Momentary
from L to C



自复位
Momentary
from R to C

触点模式
Contact

LA139A-BJ33

LA139A-BJ53

LA139A-BJ63

LA139A-BJ73

1NO+1NO

LA139A-BJ34

LA139A-BJ54

LA139A-BJ64

LA139A-BJ74

1NC+1NC

LA139A-BJ35

LA139A-BJ55

LA139A-BJ65

LA139A-BJ75

1NO+1NC

钥匙开关二位 Key switch Two-position



自锁
Maintained

LA139A-BG21



自复位
Momentary
from R to C

LA139A-BG41

触点模式
Contact

1NO

LA139A-BG22

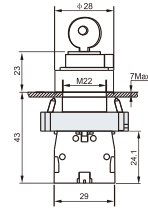
LA139A-BG42

1NC

LA139A-BG25

LA139A-BG45

1NO+1NC



钥匙开关三位 Key switch Three-position



自锁
Maintained

LA139A-BG33



自复位
Momentary
From L to C
From R to C

LA139A-BG53



自复位
Momentary
from L to C

LA139A-BG63



自复位
Momentary
from R to C

LA139A-BG73

触点模式
Contact

1NO+1NO

LA139A-BG35

LA139A-BG55

LA139A-BG65

LA139A-BG75

1NO+1NC

带灯旋钮二位 Selector switch Two-position Illuminated



触点模式
Contact

颜色
Color



自锁
Maintained

1NO



LA139A-BK2161

1NC

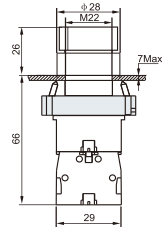


LA139A-BK2362

1NO+1NC



LA139A-BK2465



带灯旋钮三位 Selector switch Three-position Illuminated

触点模式
Contact

颜色
Color



自锁
Maintained

1NO+1NO



LA139A-BK3363

1NO+1NC



LA139A-BK3465

型号命名方式解释 Explanation of Type Designation

(示例):
Example

LA139A

—

BK

2

3

6

1

LA139A 系列 Series

金属型带灯
选择开关
Metal type
Illuminated
selected button

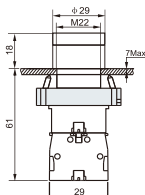
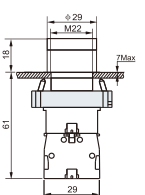
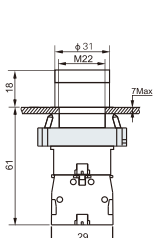
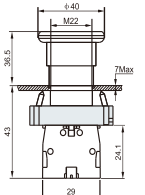
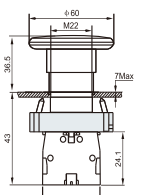
二位置选择开关(自锁型)
2 = 2-Position
Selector(Maintained)
三位置选择开关(自锁型)
3 = 3-Position
Selector(Maintained)

1=
3=
4=
5=
6=

BA9S 底座 base
直接插入式
6 = Push-in bulb
阻容降压方式
7 = Via integral resistance,
变压器降压方式
4 = Via integral transformer

1 = 1NO
2 = 1NC
3 = 2NO
4 = 2NC
5 = 1NO+1NC

LA139A 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	直接式带灯按钮 Direct supply Illuminated button	1NO	LA139A-BW3361		
		1NO+1NC	LA139A-BW3565		
		1NO	LA139A-BW3661		
		1NC	LA139A-BW3462		
	阻容降压式 带灯按钮 Resistance Illuminated button	1NO	LA139A-BW3371		
		1NO+1NC	LA139A-BW3575		
		1NO	LA139A-BW3671		
		1NC	LA139A-BW3472		
	防水带灯按钮 IP65 Illuminated Waterproof	1NO	LA139A-BPW3361		
		1NO	LA139A-BPW3561		
		1NC	LA139A-BPW3462		
		1NO	LA139A-BPW3571		
		1NO	LA139A-BPW3671		
	蘑菇头按钮 自复型 Φ40 Mushroom push button Momentary	1NO	LA139A-BC21		
		1NO	LA139A-BC31		
		1NC	LA139A-BC42		
	蘑菇头按钮 自复型 Φ60 Mushroom push button Momentary	1NO	LA139A-BR21		
		1NO	LA139A-BR31		
		1NC	LA139A-BR42		

型号命名方式解释 Explanation of Type Designation

(示例): Example	LA139A	—	BW3	3	6	1
	LA139A 系列 Series		带灯型(Illuminated) BW3 灯钮(平头型) Pushbutton(Flush) 灯钮(平头型,带防水罩) BPW3 Pushbutton(Flush,Cover)	1=  3=  4=  5=  6= 	BA9S 基座 base 直接插入式 6 = Push-in bulb 阻容降压方式 7 = Via integral resistance, 变压器降压方式 4 = Via integral transformer	1 = 1NO 2 = 1NC 3 = 2NO 4 = 2NC 5 = 1NO+1NC

LA139A 系列按钮开关 • Push Button Switch



旋转释放 $\Phi 30$
Twist Release

1NC

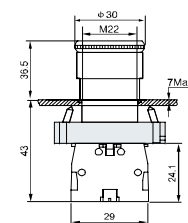
LA139A-BS442

●

1NO+1NC

LA139A-BS445

●



旋转释放 $\Phi 40$
Twist Release

1NC

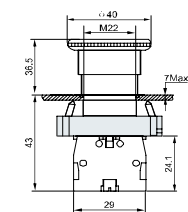
LA139A-BS542

●

1NO+1NC

LA139A-BS545

●



旋转释放 $\Phi 60$
Twist Release

1NC

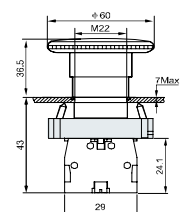
LA139A-BS642

●

1NO+1NC

LA139A-BS645

●



拉拔释放 $\Phi 40$
Pull Release

1NC

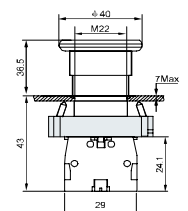
LA139A-BT42

●

1NO+1NC

LA139A-BT45

●



钥匙旋转释放 $\Phi 40$
Key Release

1NC

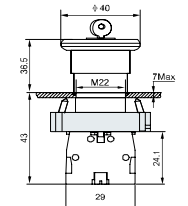
LA139A-BS142

●

1NO+1NC

LA139A-BS145

●



型号命名方式解释 Explanation of Type Designation

(示例):
Example

LA139A

—

BS5

4

2

LA139A 系列 Series

BS4 急停按钮 (旋转释放, $\Phi 30$)
Emergency stop button(Twist Release $\Phi 30$)
BS5 急停按钮 (旋转释放, $\Phi 40$)
Emergency stop button(Twist Release $\Phi 40$)
BS6 急停按钮 (旋转释放, $\Phi 60$)
Emergency stop button(Twist Release $\Phi 60$)
BS1 急停按钮 (钥匙旋转释放, $\Phi 40$)
Emergency stop button(Key Release $\Phi 40$)
BT 急停按钮 (拉拔释放, $\Phi 40$)
Emergency stop button(Pull Release $\Phi 40$)

2 = 黑(Black)
4 = 红(Red)

1 = 1NO
2 = 1NC
3 = 2NO
4 = 2NC
5 = 1NO+1NC

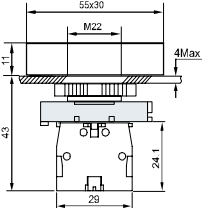
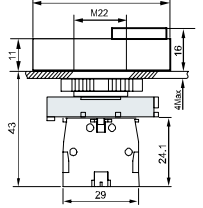
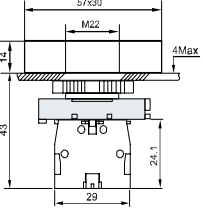
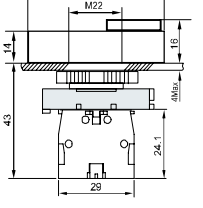
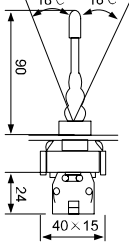
LA139A 系列按钮开关 • Push Button Switch

	描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
	双键平钮 Double Flush Button Unmarked IP40	1NO+1NC	LA139A-BW8365		
	双键凸平钮 Projecting/Flush Button IP40	1NO+1NC	LA139A-BW8465		
	双键平钮 Double Flush Button Unmarked IP40	1NO+1NC	LA139A-BW8375		
	双键凸平钮 Projecting/Flush Button IP40	1NO+1NC	LA139A-BW8475		

型号命名方式解释 Explanation of Type Designation

(示例): Example	LA139A	—	BW8	3	6	5
	↓		↓	↓	↓	↓
LA139A 系列 Series	金属型双键带灯按钮 Metal type double bond with lamp button		双平型 3=Double Flush button 凸平型 4=Extended/Flush button	BA9S 基座 base 直接插入式 6 = Push-in bulb 阻容降压方式 7 = Via integral resistance, 变压器降压方式 4 =Via integral transformer	1 = 1NO 2 = 1NC 3 = 2NO 4 = 2NC 5 = 1NO+1NC	

LA139A 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
 双键平钮 Double Flush button IP40	1NO+1NC	LA139A-BL8325		
 双键凸平钮 Double Projecting /Flush button IP40	1NO+1NC	LA139A-BL8425		
 双键平钮 带防水罩 Double Flush button with waterproof cover Unmarked IP65	1NO+1NC	LA139A-BL9325		
 双键凸平钮 带防水罩 Double Projecting /flush button with waterproof cover Unmarked IP65	1NO+1NC	LA139A-BL9425		
 十字主令开关 Cross switch	2NO	LA139A-PA12	锁定 Locked 	
	2NO	LA139A-PA22	自复 Momentary 	
	2NO+2NC	LA139A-PA14	锁定 Locked 	
	2NO+2NC	LA139A-PA24	自复 Momentary 	

型号命名方式解释 Explanation of Type Designation

(示例):
Example

LA139A —

BL8

4

2

5

LA139A 系列 Series

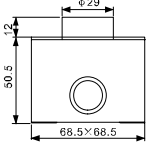
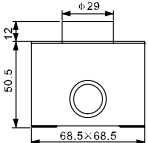
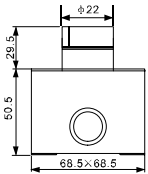
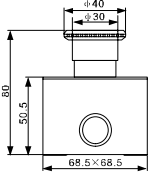
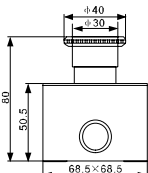
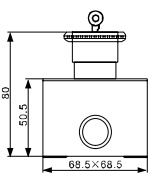
金属型双键
Metal type double button

双平型
3=Double Flush button
凸平型
4=Projecting/Flush button

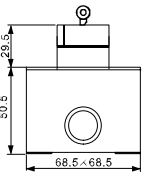
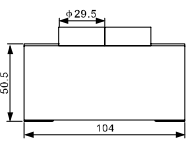
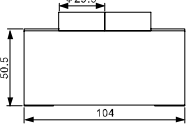
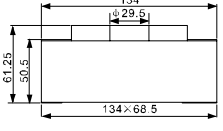
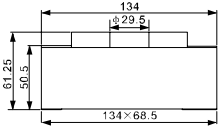
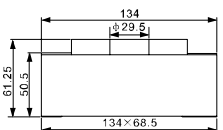
上部按钮颜色
Color(Upper)

1 = 1NO
2 = 1NC
3 = 2NO
4 = 2NC
5 = 1NO+1NC

LA139A 系列按钮开关盒 • Push Button Switch Box

	描述 Description	标识 Label	型号 Type	外形尺寸 Dimension
	1孔按钮盒+绿色平钮 1 Green flush pushbutton IP40/54		LA139A-B101H29	
			LA139A-B102	
			LA139A-B103	
			LA139A-B101	
	1孔按钮盒+红色平钮 1 Red flush pushbutton IP40/54		LA139A-B111H29	
			LA139A-B114	
			LA139A-B111	
			LA139A-B112	
	1孔按钮盒+二位旋钮 1 Selector switch 2-position stay put standard black handle IP40/54		LA139A-B132H29	
			LA139A-B134H29	
			LA139A-B132	
	1孔按钮盒+急停 1 Red mushroom head pushbutton Φ40mm IP40/54		LA139A-B164H29	
			LA139A-B164	
	1孔黄色按钮盒+急停 1 Red mushroom head pushbutton Φ40mm, Turn to release IP40/54		LA139A-J174H29	
			LA139A-J174	
	1孔黄色按钮盒+钥匙旋转释放 1 Red mushroom head pushbutton, Φ40mm,latching Key release IP40/54		LA139A-J188H29	
			LA139A-J188	

LA139A 系列按钮开关盒 • Push Button Switch Box

	描述 Description	标识 Label	型号 Type	外形尺寸 Dimension
	1孔按钮盒+钥匙开关 1 Selector switch with key operated 2-position stay put IP40/54	 	LA139A-B142H29 LA139A-B142	
	二孔按钮盒+带符号平钮 1 flush green button 1 flush red button IP40/54	   	LA139A-B211H29 LA139A-B213 LA139A-B215	
	二孔按钮盒+带符号平钮 1 flush white button (black arrow) 1 flush black button (white arrow) IP40/54	 	LA139A-B222 LA139A-B223	
	三孔按钮盒+指示灯+ 带符号平钮 2 Red pilot light, Directly supplied 1 flush red button 1 flush green button IP40/54	   	LA139A-B361H29 LA139A-B363 LA139A-B366	
	三孔按钮盒+带符号平钮 1 flush white button (black arrow) 1 flush red button 1 flush black button (white arrow) IP40/54	 	LA139A-B324 LA139A-B334	
	三孔按钮盒+带符号平钮 1 flush green button 1 flush red button 1 flush green button IP40/54	   	LA139A-B311H29 LA139A-B339 LA139A-B321H29 LA139A-B321	

LA139T 系列按钮开关 • Push Button Switch

型号命名方式解释 Explanation of Type Designation

(示例):
Example

LA139T

—

B: 金属 Metal
E: 塑料 Plastic

颜色 Color
1: 白 White
2: 黑 Black
3: 绿 Green
4: 红 Red
5: 黄 Yellow
6: 蓝 Blue

派生产品
Derivative
product
BA: 带符号
(仅限于BA,BL)
BL With Mark
(BA,BL Only)

触点模块
Contact Block
1: 1常开 1NO
2: 1常闭 1NC
3: 2常开 2NO
4: 2常闭 2NC
5: 1常开+1常闭
1NO+1NC

选择开关 Selector Switch BD BJ BG
2: 二位置自锁
2-position (Maintained)
3: 三位置自锁
3-position (Maintained)
4: 二位置由右至左自复
2-position (Momentary, R to L)
5: 三位置由右至中和由左至中自复
3-position (Momentary, R to C & L to C)
6: 三位置由右至中自复
3-position (Momentary, R to C)
7: 三位置由左至中自复
3-position (Momentary, L to C)

A: 平头按钮
Flush Pushbutton
L: 凸头按钮
Projecting Pushbutton
P: 带罩按钮
Pushbutton (Cover)
W: 带灯按钮
Pushbutton (Illuminated)
D: 选择开关(短柄)
Selector Switch (Short-handle)
J: 选择开关(长柄)
Selector Switch (Long-handle)
G: 钥匙开关
Key-operated
E: 触点模块
Contact Block
Z: 触点模块加中座
Contact Block+Holder

C: 蘑菇头按钮 $\Phi 40$ / Mushroom head($\Phi 40$)
R: 蘑菇头按钮 $\Phi 60$ / Mushroom head($\Phi 60$)
S4: 急停按钮(旋转释放, $\Phi 30$)
Emergency Stop button (Twist Release, $\Phi 30$)
S5: 急停按钮(旋转释放, $\Phi 40$)
Emergency Stop button (Twist Release, $\Phi 40$)
S6: 急停按钮(旋转释放, $\Phi 60$)
Emergency Stop button (Twist Release, $\Phi 60$)
T: 急停按钮(拉拔释放)
Emergency Stop button (Pull Release)
V: 指示灯 Pilot Light

使用环境条件 Working Environment

- ◎ 工作温度: $-25 \sim +70^{\circ}\text{C}$
Working temp
- ◎ 储存温度: $-40 \sim +70^{\circ}\text{C}$
Storage temp (Level 3)
- ◎ 污染等级: 3级
Class of pollution
- ◎ 防护等级: IP40/IP65/IP66
Protection grade: IP40/IP65/IP66
- ◎ 海拔极限高度: ≤ 2000 米
Limit height: ≤ 2000 m
- ◎ 符合标准 Standard
EN 60947-1, GB 14048.5

主要技术参数 Main Technical Data

- ◎ 额定绝缘电压: 600V
Rated insulation voltage
- ◎ 约定发热电流: 10A
Rated thermal current
- ◎ 开关额定值: AC-15 $U_e: 380\text{V}/250\text{V}$, $I_e=4.5\text{A}$
Switch rating DC-13 $U_e: 220\text{V}/110\text{V}$, $I_e=0.6\text{A}$
- ◎ 接触电阻: $\leq 50\text{mA}$
Contact resistance
- ◎ 推荐扭力: 0.9Nm
Recommended torque
- ◎ 接线面积: 最小(min) $1 \times 0.5\text{mm}^2$, 最大(Max) $2 \times 1.5\text{mm}^2$ 或(or) $1 \times 2.5\text{mm}^2$
Connectable area
- ◎ 机械寿命: 按钮(Pushbutton) $\geq 300 \times 10^4$ 次(times);
Mechanical life 旋钮(Selector Switch) $\geq 30 \times 10^4$ 次(times);
- ◎ 急停按钮(Emergency Stop Pushbutton) $\geq 5 \times 10^4$ 次(times)
- ◎ 电气寿命: $\geq 30 \times 10^4$ 次(times)
Electrical life
- ◎ 灯电压极限: $0.8U_e \leq U \leq 1.15U_e$
Limit voltage (lamp)

LA139T 系列按钮开关 • Push Button Switch



描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
平钮 自复型 Flush Button Momentary	1NO	LA139T-EA11		
	1NO	LA139T-EA31		
	1NO+1NC	LA139T-EA55		
	1NO	LA139T-EA61		
	1NC	LA139T-EA42		
凸钮 自复型 Projecting Button Momentary	1NO	LA139T-EL11		
	1NO	LA139T-EL31		
	1NO+1NC	LA139T-EL55		
	1NO	LA139T-EL61		
	1NC	LA139T-EL42		
平钮(防水罩) Flush Button Momentary (with water- proof cover) Unmarked IP65	1NO	LA139T-EP11		
	1NO	LA139T-EP21		
	2NO	LA139T-EP33		
	1NO	LA139T-EP61		
	1NC	LA139T-EP42		
平钮(带符号) 自复型 Flush Button Momentary Marked	1NO	LA139T-EA3311		
	1NO	LA139T-EA3361		
	1NO	LA139T-EA3341		
	1NO	LA139T-EA3351		
	1NO	LA139T-EA5331		
	1NC	LA139T-EA4322		
凸钮(带符号) 自复型 Projecting Button Momentary Marked	1NO	LA139T-EL3311		
	1NO	LA139T-EL3361		
	1NO	LA139T-EL3341		
	1NO	LA139T-EL3351		
	1NO	LA139T-EL5331		
	1NC	LA139T-EL4322		
LED指示灯 LED Indicator		LA139T-EL4342		
		LA139T-EV61		
		LA139T-EV63		
		LA139T-EV64		
		LA139T-EV65		
		LA139T-EV66		

LA139T 系列按钮开关 • Push Button Switch

旋钮二位 Selector switch Two-position



自锁
Maintained



自复位
Momentary
from R to C
spring return

触点模式
Contact

LA139T-ED21

LA139T-ED41

1NO

LA139T-ED22

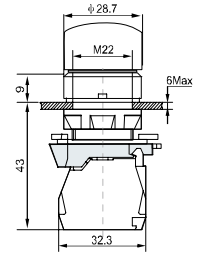
LA139T-ED42

1NC

LA139T-ED25

LA139T-ED45

1NO+1NC



旋钮三位 Selector switch Three-position



自锁
Maintained



自复位
Momentary
From L to C
From R to C



自复位
Momentary
from L to C



自复位
Momentary
from R to C

触点模式
Contact

LA139T-ED33

LA139T-ED53

LA139T-ED63

LA139T-ED73

2NO

LA139T-ED35

LA139T-ED55

LA139T-ED65

LA139T-ED75

1NO+1NC

长柄二位 Selector switch Two-position



自锁
Maintained



自复位
Momentary
from R to C

触点模式
Contact

LA139T-EJ21

LA139T-EJ41

1NO

LA139T-EJ22

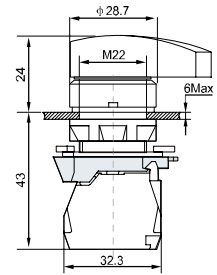
LA139T-EJ42

1NC

LA139T-EJ25

LA139T-EJ45

1NO+1NC



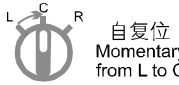
长柄三位 Selector switch Three-position



自锁
Maintained



自复位
Momentary
From L to C
From R to C



自复位
Momentary
from L to C



自复位
Momentary
from R to C

触点模式
Contact

LA139T-EJ33

LA139T-EJ53

LA139T-EJ63

LA139T-EJ73

2NO

LA139T-EJ35

LA139T-EJ55

LA139T-EJ65

LA139T-EJ75

1NO+1NC

带灯旋钮二位 Selector switch Two-Position Illuminated



自锁
Maintained

1NO

LA139T-EK2161



1NO+1NC

LA139T-EK2465



带灯旋钮三位 Selector switch Three-Position Illuminated



自锁
Maintained

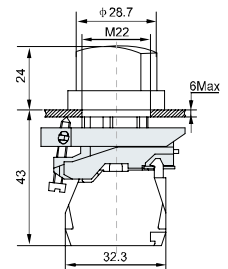
2NO

LA139T-EK3363



1NO+1NC

LA139T-EK3465



LA139T 系列按钮开关 • Push Button Switch



描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
蘑菇头按钮 自复型 Pushbutton, Mushroom Momentary	Φ40	1NO	LA139T-EC21	
		1NO	LA139T-EC31	
		1NC	LA139T-EC42	
	Φ60	1NO	LA139T-ER21	
		1NO	LA139T-ER31	
		1NC	LA139T-ER42	



旋转释放 Φ40 Twist Release	1NC	LA139T-ES542		
	1NO+1NC	LA139T-ES545		



钥匙旋转释放 Φ40 Key Release	1NC	LA139T-ES142		
	1NO+1NC	LA139T-ES145		



拉拔释放 Φ40 Pull Release	1NC	LA139T-ET42		
	1NO+1NC	LA139T-ET45		

钥匙开关二位 Key switch Two-position

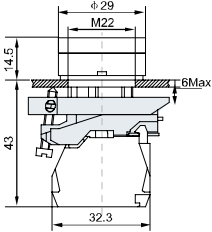
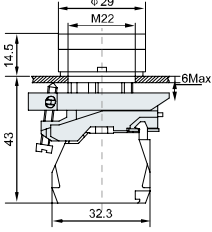
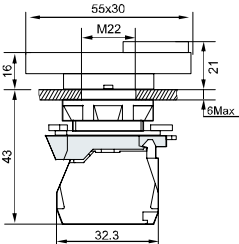
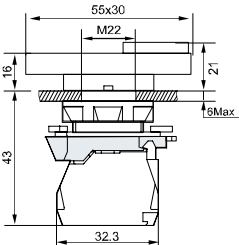
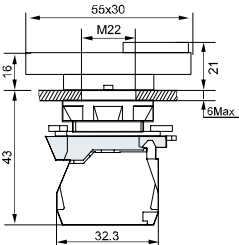
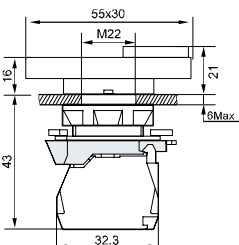


	自锁 Maintained		自复位 Momentary From R to C spring return	触点模式 Contact	
LA139T-EG21		LA139T-EG41		1NO	
LA139T-EG22		LA139T-EG42		1NC	
LA139T-EG25		LA139T-EG45		1NO+1NC	

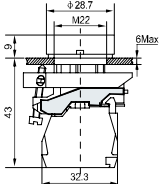
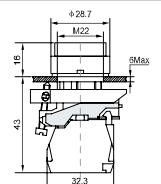
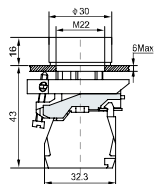
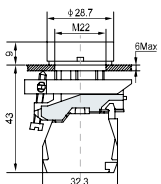
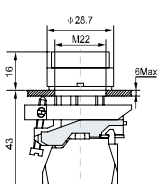
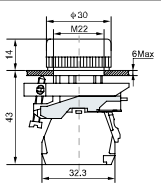
钥匙开关三位 Key switch Three-position

	自锁 Maintained		自复位 Momentary From L to C From R to C		自复位 Momentary from L to C		自复位 Momentary from R to C	触点模式 Contact
LA139T-EG33		LA139T-EG53		LA139T-EG63		LA139T-EG73		2NO
LA139T-EG35		LA139T-EG55		LA139T-EG65		LA139T-EG75		1NO+1NC

LA139T 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
 带灯按钮 Illuminated button	1NO	LA139T-EW3361		
	1NO+1NC	LA139T-EW3565		
	1NO	LA139T-EW3661		
	1NC	LA139T-EW3462		
 防水带灯 按钮 Illuminated waterproof button	1NO	LA139T-EPW3361		
	1NO+1NC	LA139T-EPW3565		
	1NO	LA139T-EPW3661		
	1NC	LA139T-EPW3462		
 双键平钮 1 Flush green button 1 Flush red button IP40	1NO+1NC	LA139T-EL8325 LA139T-EW8365		
 双键凸平钮 1 Flush green button 1 Projecting red button IP40	1NO+1NC	LA139T-EL8425 LA139T-EW8465		
 双键平钮(带防水罩) 1 Flush green button 1 Flush red button with waterproof cover IP65	1NO+1NC	LA139T-EL9325 LA139T-EW9325		
 双键凸平钮(带防水罩) 1 Flush green button 1 Extended red button with waterproof cover IP40/65	1NO+1NC	LA139T-EL9425 LA139T-EW9425		

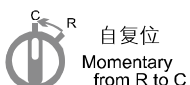
LA139T 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
 平钮 自复型 Flush Button Momentary	1NO	LA139T-BA11		
	1NO	LA139T-BA31		
	1NO+1NC	LA139T-BA55		
	1NO	LA139T-BA61		
	1NC	LA139T-BA42		
 凸钮 自复型 Projecting button Momentary	1NO	LA139T-BL11		
	1NO	LA139T-BL31		
	1NO+1NC	LA139T-BL55		
	1NO	LA139T-BL61		
	1NC	LA139T-BL42		
 平钮(防水罩) 自复型 Flush Button Momentary (with water- proof cover) Unmarked IP 65	1NO	LA139T-BP11		
	1NO	LA139T-BP21		
	2NO	LA139T-BP33		
	1NO	LA139T-BP61		
	1NC	LA139T-BP42		
 平钮(带符号) 自复型 Flush Button Momentary Marked	1NO	LA139T-BA3311		
	1NO	LA139T-BA3361		
	1NO	LA139T-BA3341		
	1NO	LA139T-BA3351		
	1NO	LA139T-BA5331		
	1NC	LA139T-BA4322		
 凸钮(带符号) 自复型 Projecting button Momentary Marked	1NC	LA139T-BA4342		
	1NO	LA139T-BL3311		
	1NO	LA139T-BL3361		
	1NO	LA139T-BL3341		
	1NO	LA139T-BL3351		
	1NO	LA139T-BL5331		
 LED指示灯 LED Indicator	1NC	LA139T-BL4322		
	1NC	LA139T-BL4342		
		LA139T-BV61		
		LA139T-BV63		
		LA139T-BV64		
		LA139T-BV65		
		LA139T-BV66		

旋钮二位 Selector switch Two-Position



LA139T-BD21



LA139T-BD41

触点模式
Contact

1NO

LA139T-BD22

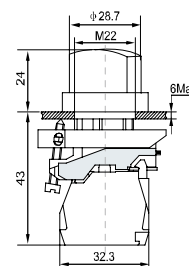
LA139T-BD42

1NC

LA139T-BD25

LA139T-BD45

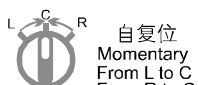
1NO+1NC



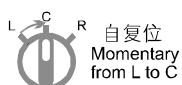
旋钮三位 Selector switch Three-Position



LA139T-BD33



LA139T-BD53



LA139T-BD63



LA139T-BD73

触点模式
Contact

2NO

LA139T-BD35

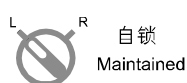
LA139T-BD55

LA139T-BD65

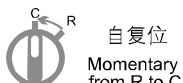
LA139T-BD75

1NO+1NC

长柄旋钮二位 Selector switch Two-Position



LA139T-BJ21



LA139T-BJ41

触点模式
Contact

1NO

LA139T-BJ22

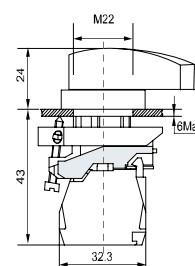
LA139T-BJ42

1NC

LA139T-BJ25

LA139T-BJ45

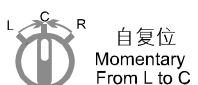
1NO+1NC



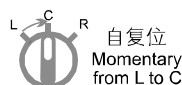
长柄旋钮三位 Selector switch Three-Position



LA139T-BJ33



LA139T-BJ53



LA139T-BJ63



LA139T-BJ73

触点模式
Contact

2NO

LA139T-BJ35

LA139T-BJ55

LA139T-BJ65

LA139T-BJ75

1NO+1NC

带灯旋钮二位 Selector switch Two-Position Illuminated



LA139T-BK2161

颜色
Color

触点模式
Contact

1NO

LA139T-BK2362



1NC

LA139T-BK2465



1NO+1NC

带灯旋钮三位 Selector switch Three-Position Illuminated



LA139T-BK3363

颜色
Color

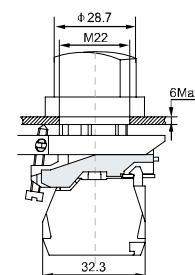
触点模式
Contact

2NO

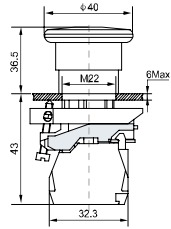
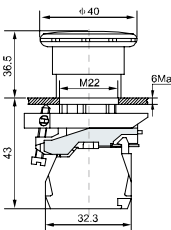
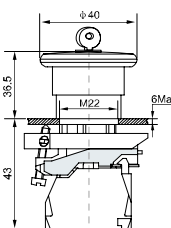
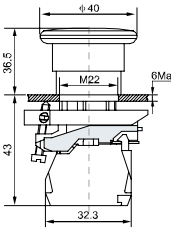
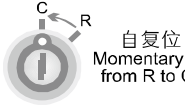
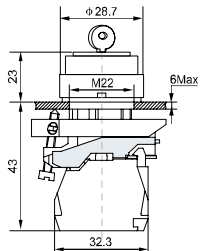
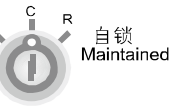
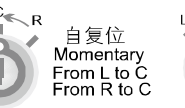
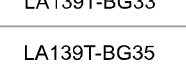
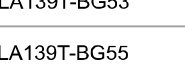
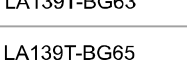
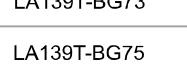
LA139T-BK3465



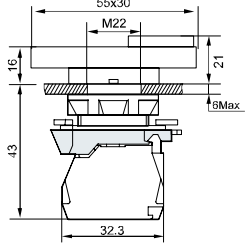
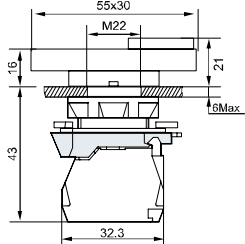
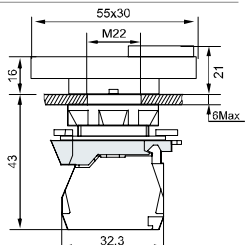
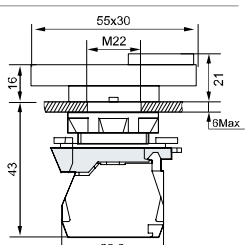
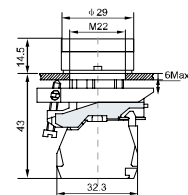
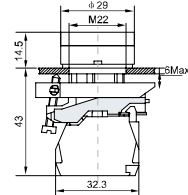
1NO+1NC



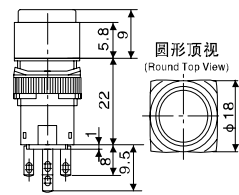
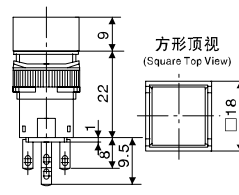
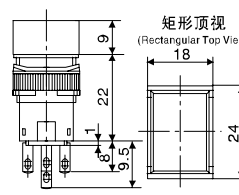
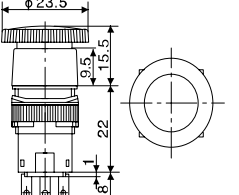
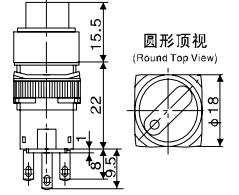
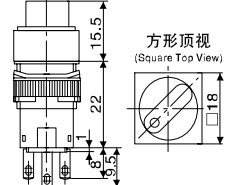
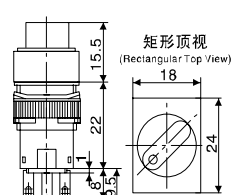
LA139T 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension	
 蘑菇头按钮 自复型 Pushbutton, Mushroom Momentary	1NO	LA139T-BC21			
	Φ40 1NO	LA139T-BC31			
	1NC	LA139T-BC42			
	1NO	LA139T-BR21			
	Φ60 1NO	LA139T-BR31			
	1NC	LA139T-BR42			
 旋转释放 Φ40 Twist Release	1NC	LA139T-BS542			
	1NO+1NC	LA139T-BS545			
 钥匙旋转释放 Φ40 Key Release	1NC	LA139T-BS142			
	1NO+1NC	LA139T-BS145			
 拉拔释放 Φ40 Pull Release	1NC	LA139T-BT42			
	1NO+1NC	LA139T-BT45			
钥匙开关二位Key switch Two-Position					
 自锁 Maintained	LA139T-BG21	 自复位 Momentary from R to C	触点模式 Contact		
	LA139T-BG22		1NO		
	LA139T-BG25		1NC		
	LA139T-BG25		1NO+1NC		
钥匙开关三位Key switch Three-Position					
 自锁 Maintained	LA139T-BG33	 自复位 Momentary From L to C	 自复位 Momentary from L to C	 自复位 Momentary from R to C	触点模式 Contact
	LA139T-BG35				2NO
 自复位 Momentary From L to C	LA139T-BG53	 自复位 Momentary From R to C	 自复位 Momentary From L to C	 自复位 Momentary From R to C	1NO+1NC
	LA139T-BG55				2NO
 自复位 Momentary From R to C	LA139T-BG63	 自复位 Momentary From L to C	 自复位 Momentary From L to C	 自复位 Momentary From R to C	1NO+1NC
	LA139T-BG65				2NO

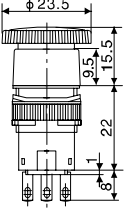
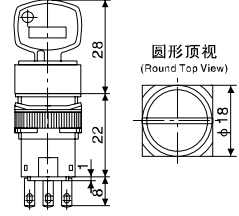
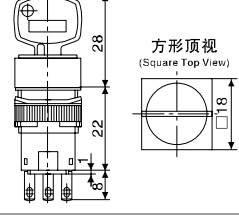
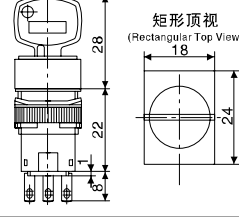
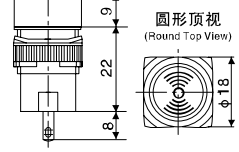
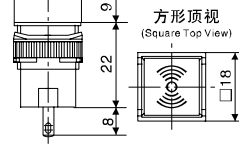
LA139T 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
 双键平钮 1 Flush green button 1 Flush red button IP40	1NO+1NC	LA139T-BL8325 LA139T-BW8365		
 双键凸平钮 1 Flush green button 1 Projecting red button IP40	1NO+1NC	LA139T-BL8425 LA139T-BW8465		
 双键平钮(带防水罩) 1 Flush green button 1 Flush red button with waterproof cover IP65	1NO+1NC	LA139T-BL9325 LA139T-BW9325		
 双键凸平钮(带防水罩) 1 Flush green button 1 Projecting red button with waterproof cover IP40/65	1NO+1NC	LA139T-EL9425 LA139T-EW9425		
 带灯按钮 Illuminated button	1NO	LA139T-BW33B1		
	1NO+1NC	LA139T-BW35B5		
	1NO	LA139T-BW36B1		
	1NC	LA139T-BW34B2		
 防水带灯按钮 Illuminated waterproof button	1NO	LA139T-BPW33B1		
	1NO+1NC	LA139T-BPW35B5		
	1NO	LA139T-BPW36B1		
	1NC	LA139T-BPW34B2		

LA139S 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
 指示灯 Indicator light 自复式 Auto-resetting 自锁式 Auto-locking 带灯式 With LED 自复式 Auto-resetting 自锁式 Auto-locking 带灯式 With LED	— SPDT SPDT SPDT DPDT DPDT DPDT	LA139S-AXD LA139S-11A LA139S-11AT LA139S-11AD LA139S-22A LA139S-22AT LA139S-22AD		
 指示灯 Indicator light 自复式 Auto-resetting 自锁式 Auto-locking 带灯式 With LED 自复式 Auto-resetting 自锁式 Auto-locking 带灯式 With LED	— SPDT SPDT SPDT DPDT DPDT DPDT	LA139S-FXD LA139S-11F LA139S-11FT LA139S-11FD LA139S-22F LA139S-22FT LA139S-22FD		
 指示灯 Indicator light 自复式 Auto-resetting 自锁式 Auto-locking 带灯式 With LED lamp 自复式 Auto-resetting 自锁式 Auto-locking 带灯式 With LED lamp	— SPDT SPDT SPDT DPDT DPDT DPDT	LA139S-CFXD LA139S-11CF LA139S-11CFT LA139S-11CFD LA139S-22CF LA139S-22CFT LA139S-22CFD		
 指示灯 Indicator light 自复式 Auto-resetting 带灯式 With LED 自复式 Auto-resetting 带灯式 With LED	— SPDT SPDT DPDT DPDT	LA139S-MXD LA139S-11M LA139S-11MD LA139S-22M LA139S-22MD		
 选择开关 Selector Switch 90° 二档 2-Position 45° 三档 3-Position 90° 二档 2-Position 45° 三档 3-Position	SPDT SPDT DPDT DPDT	LA139S-11XA LA139S-22XA		
 选择开关 Selector Switch 90° 二档 2-Position 45° 三档 3-Position 90° 二档 2-Position 45° 三档 3-Position	SPDT SPDT DPDT DPDT	LA139S-11XF LA139S-22XF		
 选择开关 Selector Switch 90° 二档 2-Position 45° 三档 3-Position 90° 二档 2-Position 45° 三档 3-Position	SPDT SPDT DPDT DPDT	LA139S-11XCF LA139S-22XCF		

LA139S 系列按钮开关 • Push Button Switch

描述 Description	触点模式 Contact	型号 Type	颜色 Color	外形尺寸 Dimension
 急停 Emergency 急停 Emergency	SPDT DPDT	LA139S -11ZS LA139S -22ZS		
 钥匙开关 Key switch 90° 二档 2-Position 45° 三档 3-Position 90° 二档 2-Position 45° 三档 3-Position	SPDT SPDT DPDT DPDT	LA139S -11YA LA139S -22YA		
 钥匙开关 Key switch 90° 二档 2-Position 45° 三档 3-Position 90° 二档 2-Position 45° 三档 3-Position	SPDT SPDT DPDT DPDT	LA139S -11YF LA139S -22YF		
 钥匙开关 Key switch 90° 二档 2-Position 45° 三档 3-Position 90° 二档 2-Position 45° 三档 3-Position	SPDT SPDT DPDT DPDT	LA139S -11YCF LA139S -22YCF		
 蜂鸣器 BUZZER 6VDC、12VDC、24VDC		LA139S -AF		
 蜂鸣器 BUZZER 6VDC、12VDC、24VDC		LA139S -FF		
 蜂鸣器 BUZZER 6VDC、12VDC、24VDC		LA139S -CFF		

AD60 系列信号灯 • Signal Light

型号命名方式解释 Explanation of Type Designation

(示例): Example	AD60	—	22/16	1	2	3	4
	↓		↓	↓	↓	↓	↓
	信号灯型号 Type		颈部尺寸 Install size	A、B、C、D、E 表示不同外观风格 Different style	无字母为标准型, “S”表示超短型壳体, “F”表示可装于电容 器柜的放电灯 Without word: Standard type “S”: Super short shell “F”: Can be installed in Capacitor cabinet	颜色 Color	电压 Voltage

性能特征

连续工作寿命: $\geq 3,0000$ 小时

允许瞬时电压波动 $\pm 20\%$ (110V 以上)

工频耐压: 2.5kV(交流有效值), 1min

使用频率(AC): 50~60Hz

额定工作电流: ≤ 20 mA

Continuous working life: $\geq 30,000$ hours

Allow transient voltage fluctuation: $\pm 20\%$ (upon 110V)

Power frequency withstand voltage: 2.5kV(AC effective value) 1min

Operating frequency: 50~60Hz

Rated operational voltage: ≤ 20 mA

光高度 $\geq 100\text{cd/m}^2$

相比漏电起痕指数 $\text{CTI} \geq 100$, 阻燃

绝缘电阻: $U_i \leq 60\text{V}$ 为 $5\text{M}\Omega$, $60 \leq U_i \leq 660\text{V}$ 为 $50\text{M}\Omega$

发光颜色: 红、绿、黄、白、蓝、橙

Light altitude $\geq 100\text{cd/m}^2$

Comparative tracking index $\text{CTI} \geq 100$, antiflaming

Insulation resistance: $U_i \leq 60\text{V}$ $5\text{M}\Omega$ $60 \leq U_i \leq 660\text{V}$ $50\text{M}\Omega$

Light color: red, green, yellow, white, blue, orange

电流类型 Type of current	AC/DC									AC	
电压 Voltage	6V	12V	24V	36V	48V	110V	127V	220V	380V	220V	380V



指示灯 $\phi 16$
Pilot Light

AC 220V
AC 380V
AC/DC 6V-380V

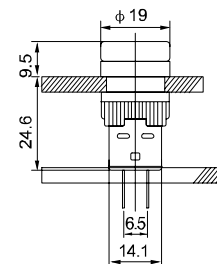
AD60-16C/R

AD60-16C/G

AD60-16C/Y

AD60-16C/B

AD60-16C/W



指示灯 $\phi 16$
Pilot Light

AC 220V
AC 380V
AC/DC 6V-380V

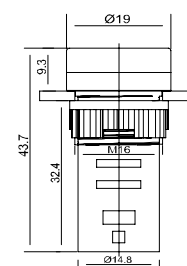
AD60-16DS/R

AD60-16DS/G

AD60-16DS/Y

AD60-16DS/B

AD60-16DS/W



LED指示灯 $\phi 22$
Pilot Light

AC 220V
AC 380V
AC/DC 6V-380V

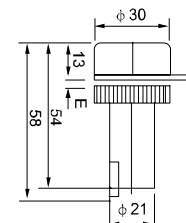
AD60-22A/R

AD60-22A/G

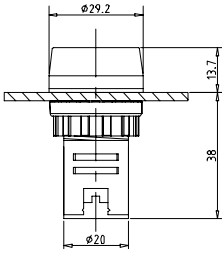
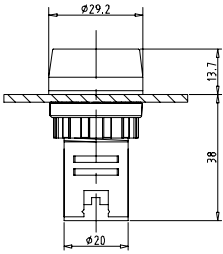
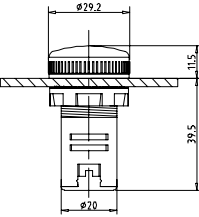
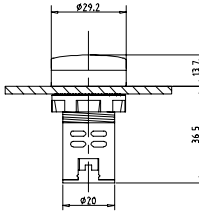
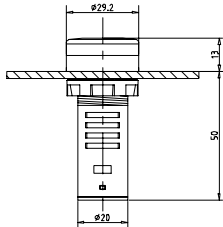
AD60-22A/Y

AD60-22A/B

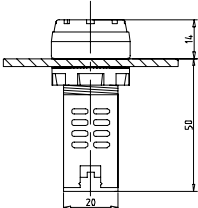
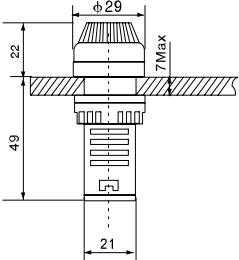
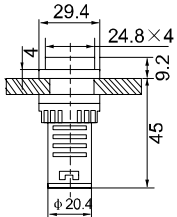
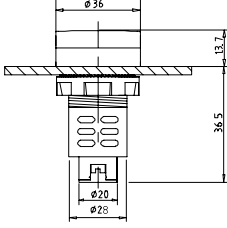
AD60-22A/W



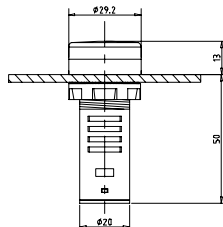
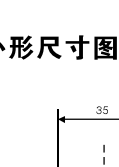
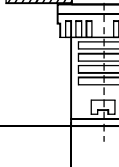
AD60 系列信号灯 • Signal Light

描述 Description	电压 Voltage	型号 Type	颜色 Color	外形尺寸 Dimension
	AC 220V AC 380V AC/DC 6V-380V	AD60-22BS/R		
		AD60-22BS/G		
		AD60-22BS/Y		
		AD60-22BS/B		
		AD60-22BS/W		
	AC 220V AC 380V AC/DC 6V-380V	AD60-22BFS/R		
		AD60-22BFS/G		
		AD60-22BFS/Y		
		AD60-22BFS/B		
		AD60-22BFS/W		
	AC 220V AC 380V AC/DC 6V-380V	AD60-22CS/R		
		AD60-22CS/G		
		AD60-22CS/Y		
		AD60-22CS/B		
		AD60-22CS/W		
	AC 220V AC 380V AC/DC 6V-380V	AD60-22DS/R		
		AD60-22DS/G		
		AD60-22DS/Y		
		AD60-22DS/B		
		AD60-22DS/W		
	AC 220V AC 380V AC/DC 6V-380V	AD60-22D/B		

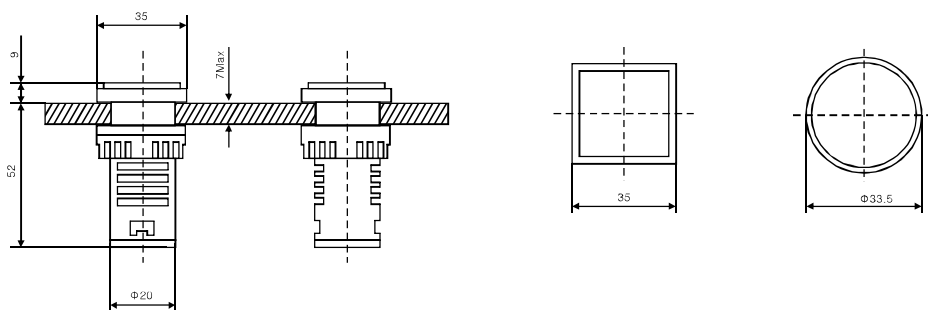
AD60 系列信号灯 • Signal Light

描述 Description	电压 Voltage	型号 Type	颜色 Color	外形尺寸 Dimension
	AC 220V AC 380V AC/DC 6V-380V	AD60-22E/R		
		AD60-22E/G		
		AD60-22E/Y		
		AD60-22E/B		
		AD60-22E/W		
	AC 220V AC 380V AC/DC 6V-380V	AD60-22H/R		
		AD60-22H/G		
		AD60-22H/Y		
		AD60-22H/B		
		AD60-22H/W		
	AC 220V AC 380V AC/DC 6V-380V	AD60-22F/R		
		AD60-22F/G		
		AD60-22F/Y		
		AD60-22F/B		
		AD60-22F/W		
	AC 220V AC 380V AC/DC 6V-380V	AD60-30DS/R		
		AD60-30DS/G		
		AD60-30DS/Y		
		AD60-30DS/B		
		AD60-30DS/W		

位置指示器 • Position Indicator

名称 Product Name	型号 Type	颜色 Color	灯电压 Led voltage
 断路器位置指示灯 Circuit breaker position indicator	AD60-22W/D		 
 接地位置指示灯 Grounding position indicator	AC 220V AC 380V AC/DC 6V-380V	AD60-22W/N 	
 隔离刀闸位置指示灯 Isolating switch position indicator	AD60-22W/G		
 隔离刀闸位置指示器 Isolating switch position indicator (圆形 Round)	AD60-22W/G (圆形 Round)	AC 220V	X0X1通电时 Power on  发绿光 green X0X2通电时 Power on  发红光 red
 断路器位置指示器 Circuit break position indicator (方形 Square)	AD60-22WF/G (方形 Square)	AC 380V AC/DC 6V-380V	
 断路器位置指示器 Circuit break position indicator (圆形 Round)	AD60-22W/D (圆形 Round)	AC 220V	X0X1通电时 Power on  发绿光 green X0X2通电时 Power on  发红光 red
 接地位置指示器 Grounding position indicator (方形 Square)	AD60-22WF/D (方形 Square)	AC 380V AC/DC 6V-380V	
 接地位置指示器 Grounding position indicator (圆形 Round)	AD60-22W/N (圆形 Round)	AC 220V	X1X2通电时 Power on  发红光 red
接地位置指示器 Grounding position indicator (方形 Square)	AD60-22WF/N (方形 Square)	AC 380V AC/DC 6V-380V	

■ 外形尺寸图 Dimensional drauing



说明: 如作手车式位置指示使电时, X0X1通电时  发红光; X0X2通电时  发红光, 请在型号"D"后面加C。
Remarks: If used as handcart type position indicator,  with red color when X0X1 Powered, and  with red color when X0X2 powered on, please add "C" behind the "D"

即sample: AD16-22W/DC; AD16-22WF/DC。

隔离刀闸/断路器位置指示器不允许接线错误 (如X1、X2链接)
Isolating switch position indicator and circuit break position indicator are not allowed wiring errors (such as:x1.x2 wiring)



圆型
Round type

方型
Square type

- AD60-22VC ■ AD60-22VS
- AD60-22HzC AD60-22HzS
- AD60-22AC AD60-22AS

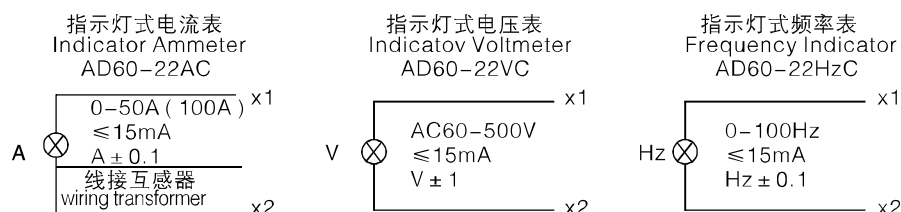
颜色可选: ■ ■ ■ ■ ■

产品介绍 Product introduction

仅两线测量和供电,三位数字显示交流电压,既是电压表,又是信号指示灯,宽测量电压1V-500V,电流表:0-100A,频率表:0-100Hz。增加符号显示指示灯V/ac、V/dc、A/ac、A/dc。

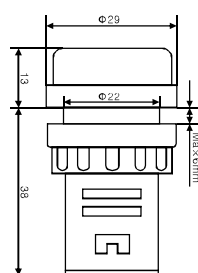
Only two lines for measurement and power supply, three digitis show AC voltage. It is voltmeter and signal lamp. the measuring Voltage is 1V-500V; Ammeter is 0-100A; Frequency meter is 0-100Hz; Symbol lamp V/ac、V/dc、A/ac、A/dc.

线路图 Wiring diagram

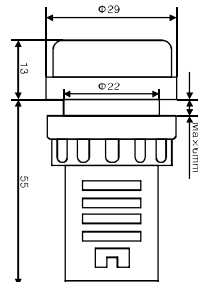


外形尺寸图 Dimension

电压表 / 频率表
Voltmeter/frequency meter



电流表
Ammeter



技术特性 Technical characteristics

供电范围/power supply: 1V-480V AC

测量精度/voltage precision: $\pm 1V$; $\pm 0.1A$; $\pm 0.1Hz$

接线端子/Terminal: 2*3.5螺丝

采样周期/sampling period: 0.5s

显示方式/display method:

3位数码管three digital tube

防护等级/degree of protection:

面板正面防水waterproof IP66

额定功率rated power: 10 (W)

安装尺寸Installation dimension: $\Phi 22$ (mm)

操作环境温度/operating temp:

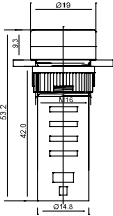
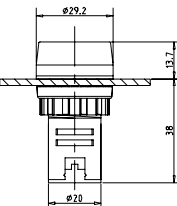
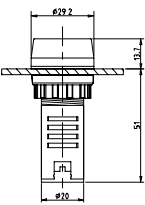
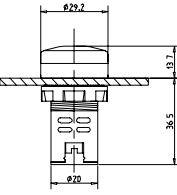
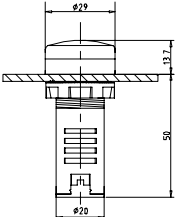
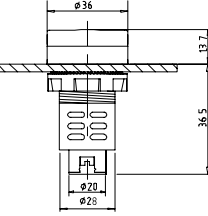
-25°C~+55°C(无凝露, 无结冰no condensation and freeze)

电压范围/voltage range: DC9~36V, AC65~480V 50/60Hz

产品认证/product certificate: CE, Rohs

型号 Type	AD60-22AC(圆形round) AD60-22AS(方形square)	AD60-22VC(圆形round) AD60-22VS(方形square)	AD60-22HzC(圆形round) AD60-22HzS(方形square)
输入类型 Input	电流 power supply	交流电压 AC voltage	频率 frequency
测量/供电范围 measurement range	0-50A(100A)外置互感器 external transformer	12-500V AC (custom-made)	50/60Hz
数字显示 digital display	0-100A	60-500V AC (common design)	0-100Hz
指示颜色 color	R、G、Y、W、B	R、G、Y、W、B	R、G、Y、W、B
测量精度 measurement accuracy	$\pm 0.1\%$	$\pm 1\%$	$\pm 1\%$

AD60 系列蜂鸣器 • Buzzer

	电压 Voltage	描述 Description	型号 Type	颜色 Color	外形尺寸 Dimension
	AC 220V AC 380V	蜂鸣器 $\phi 16$ Buzzer	AD60-16D/B		
	AC/DC 6V-380V	闪光蜂鸣器 $\phi 16$ Ultra-short flashing buzzer	AD60-16D/F		
	AC 220V AC 380V	蜂鸣器 $\phi 22$ Ultra-short buzzer	AD60-22BS/B		
	AC/DC 6V-380V	闪光蜂鸣器 $\phi 22$ Flashing buzzer	AD60-22BS/F		
	AC 220V AC 380V	蜂鸣器 $\phi 22$ buzzer	AD60-22B/B		
	AC/DC 6V-380V	闪光蜂鸣器 $\phi 22$ Flashing buzzer	AD60-22B/F		
	AC 220V AC 380V	蜂鸣器 $\phi 22$ Buzzer	AD60-22DS/B		
	AC/DC 6V-380V	闪光蜂鸣器 $\phi 22$ Ultra-short flashing buzzer	AD60-22DS/F		
	AC 220V AC 380V	蜂鸣器 $\phi 22$ Buzzer	AD60-22D/B		
	AC/DC 6V-380V	闪光蜂鸣器 $\phi 22$ Flashing buzzer	AD60-22D/F		
	AC 220V AC 380V	蜂鸣器 $\phi 30$ Buzzer	AD60-30DS/B		
	AC/DC 6V-380V	闪光蜂鸣器 $\phi 30$ Ultra-short flashing buzzer	AD60-30DS/F		

AD60E 系列金属信号灯 • Metal Light



型号 Type	电压 Voltage	颜色 Color	外形尺寸 Dimension
AD60E-C6	6V~220V	灰色	
AD60E-C8		绿色	
AD60E-C10		红色	
AD60E-C12		黄色	
AD60E-C14		蓝色	
AD60E-C16		白色	



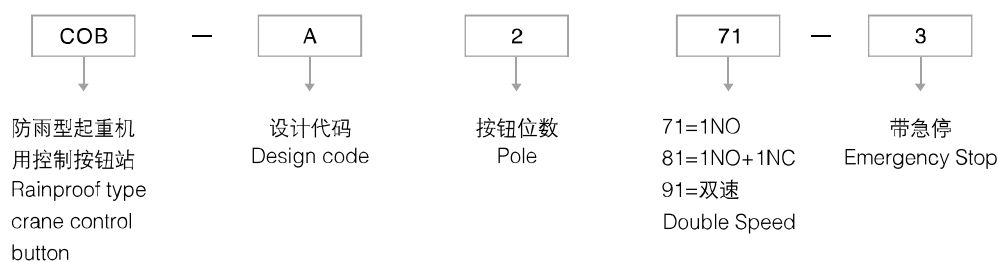
AD60-D1R	6V~220V	红色	
AD60-D1G		绿色	
AD60-D1Y		黄色	
AD60-D1B		蓝色	
AD60-D1W		白色	

■ 概述 Product Overview

COB系列防雨型吊装式按钮盒，可以装配至12个按钮，适用于行车，升降机等设备的多方向移动控制。其塑料外壳美观、坚固、握持轻巧；结构合理、先进、触头容量大；正反方向控制能机械互锁，必要时，还可实现电路互锁，使用更安全、可靠。能采用不同功能开关及排列组成满意的按钮站；配置橡胶电缆护套和防水密封条，具有良好的(IP65)防尘防雨淋性能，所以本产品特别适用于露天、有雨雪、多尘埃侵害环境及人手潮湿的操作的场所，如电动葫芦，露天的物料输送带、建筑行业电器设备的远距离控制。

COB series rainproof crane control button station is a newly developed product that has absorbed the advantages of similar products at home and abroad, The plastic shell is beautiful, firm, and light to hold; the structure is reasonable and advanced, and the contact capacity is large; the positive and negative direction control can be mechanically interlocked, and when necessary, the circuit can be interlocked, making it safer and more reliable to use. It can use different function switches and arrangements to form a satisfactory button station; equipped with rubber cable sheath and waterproof sealing strip, with good (IP65) dustproof and rainproof performance, so this product is especially suitable for open air, rain, snow, and dust infringing environment and operating places with damp hands, such as electric hoists, open-air material conveyor belts, remote control of electrical equipment in the construction industry.

型号及其含义 Mode and Meaning



按钮标记(可定制文字) Button labeled



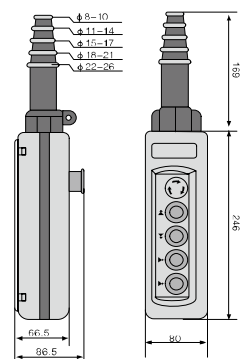
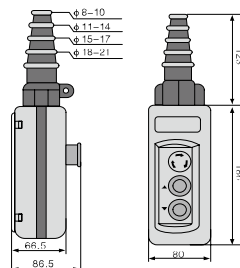
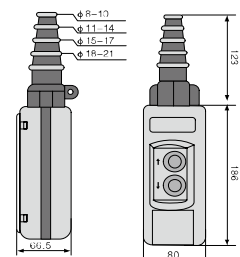
行车开关 • Running Switch



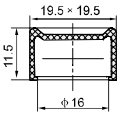
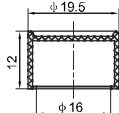
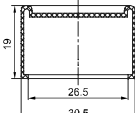
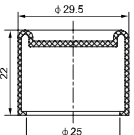
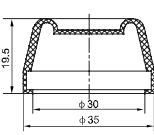
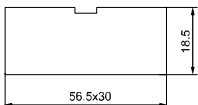
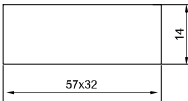
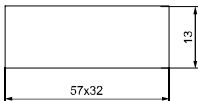
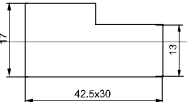
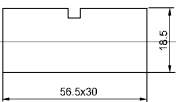
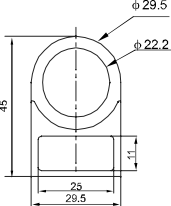
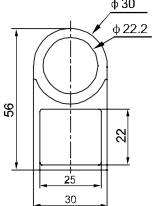
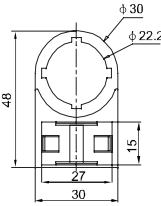
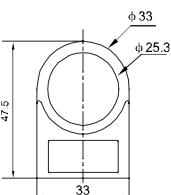
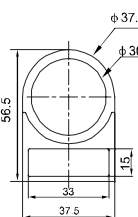
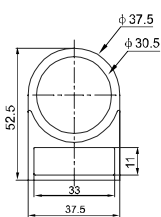
技术参数 Technical parameters

外形尺寸 Dimension

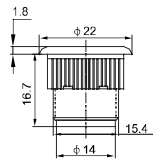
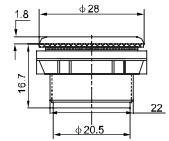
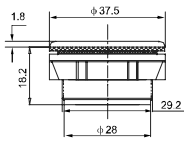
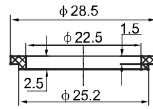
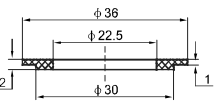
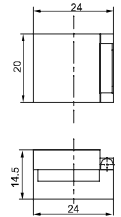
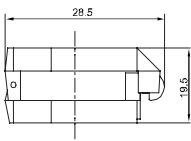
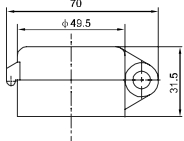
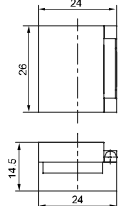
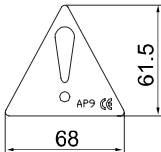
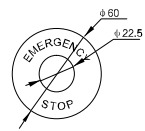
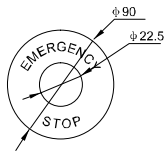
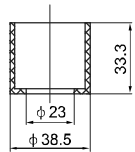
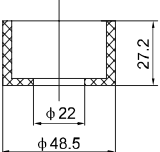
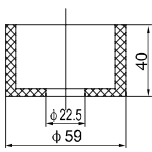
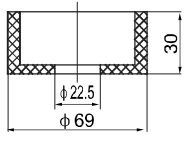
2键	单速	COB-A271	1NO
		COB-A281	2NO
4键	单速	COB-A471	1NO
		COB-A481	2NO
6键	单速	COB-A671	1NO
		COB-A681	2NO
8键	单速	COB-A671	1NO
		COB-A881	2NO
10键	单速	COB-A1071	1NO
		COB-A1081	2NO
12键	单速	COB-A1271	1NO
		COB-A1281	2NO
14键	单速	COB-A1471	1NO
		COB-A1481	2NO
3键	带急停单速	COB-A2713	1NO
		COB-A2813	2NO
5键	带急停单速	COB-A4713	1NO
		COB-A4813	2NO
7键	带急停单速	COB-A6713	1NO
		COB-A6813	2NO
9键	带急停单速	COB-A8713	1NO
		COB-A8813	2NO
11键	带急停单速	COB-A10713	1NO
		COB-A10813	2NO
13键	带急停单速	COB-A12713	1NO
		COB-A12813	2NO
15键	带急停单速	COB-A14713	1NO
		COB-A14813	2NO
3键	带急停双速	COB-A2913	
5键	带急停双速	COB-A4913	
7键	带急停双速	COB-A6913	
9键	带急停双速	COB-A8913	
11键	带急停双速	COB-A10913	
13键	带急停双速	COB-A12913	



按钮开关附件 • Button Switch Accessory

产品图片 Photo	外形尺寸 Dimension	产品图片 Photo	外形尺寸 Dimension	产品图片 Photo	外形尺寸 Dimension
					
PE16F		PE16A		PE22A	
					
PE22W		PE30C		PE22B	
					
PE22BH		PE22F		PE22F	
					
PE22FH		PE22CF		GPE22CHF	
					
EH2201		EH2208		EH2204	
					
EH2206		EH2225		EH2230	

按钮开关附件 • Button Switch Accessory

产品图片 Photo	外形尺寸 Dimension	产品图片 Photo	外形尺寸 Dimension	产品图片 Photo	外形尺寸 Dimension
					
PB16		PB22		PB30	
					
ER25		ER30		ZB16F	
					
EB22P		EB40P		ZB16CF	
					
EM01		ER60		ER90	
					
EB30		EB40		EB55E	
					
EB60					

按钮盒 • Button Box



LA139T-DX1
68×68×58



LA139T-DX2
105×68×58



LA139T-DX3
135×68×58



AX24
72.5×72.5×58.5



AX25
105.5×72.5×58.5



AX26
138.5×52.5×58.5



AX27
171.5×52.5×58.5



AX28
204.5×72.5×58.5



LA139M-1BS
190×90×81



LA139M-2BS
190×90×81



LA139M-3BS
235×90×81



LA139M-4BS
290×90×81



BX1
76.5×71×72.5



BX2
116×71×72.5



BX3
156×71×72.5



BX4
192.5×71×72.5



BX5
275×71×72.5



BX6
275×71×72.5

按钮 • Button Box



AD60G-EV64



AD60G-EA42



游戏机按钮



LTA-505
多层式闪光警示灯



FIRE-01消防报警器



HRB-P80A2报警器



HRB-PS60A2报警器



LTE-1082警示灯



LW26-20 1-0-2 3P 万能转换开关



LW26-20 LH3/3万能转换开关



LW26-20 YH5/3万能转换开关



LTE-1101警示灯



DC12V
DC24V

MS190报警器



AC110V
AC220V

MS190报警器



AC110V
AC220V

MS290报警器



DC12V
DC24V

MS290报警器



ABF-22



AEA-22



AE-22



ABLFC-22



AELA-22



AL-22TE



ANC-22



AL-22



PPBB-30



AS-22



APBB-22



AKS-22