

◎游艇开关 Rocker Switch



◎游艇开关样本集

MY - A

1

单刀/双刀

面盖

灯光

电气功能

灯光颜色

①

②

③

④

⑤

⑥

⑦

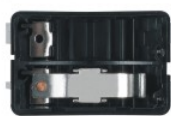
② 1

1→8 pins



③ 单刀

双刀



1-Single Poles



2-Double Poles

⑤ 灯光

0→0-Light



1→1-Light



2→2-Light



⑥ 电气功能

A→	ON-OFF
B→	(ON)-OFF
C→	ON-ON
D→	(ON)-ON
E→	ON-OFF-ON
F→	(ON)-OFF-ON
G→	(ON)-OFF-(ON)
H→	ON-ON-ON
I→	ON-ON-OFF
J→	(ON)-ON-OFF
K→	(ON)-ON-ON

⑦ 灯光颜色

B
R
G
BL
OR
W

可定制颜色

④ 面盖

*L.J.X Actuator Laser Engrable

1

2

3

4

6

7

8

9

K

L

J

X

M

N



◎ 游艇开关脚位配置表

No Lens

Electrical	Type	Pin	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
ON-OFF	SPST	2		Power In [1]	Power Out [1]					
(ON)-OFF	SPST	2		Power In [1]	Power Out [1]					
ON-ON	SPDT	3	Power Out [1]	Power In [1]	Power Out [2]					
(ON)-ON	SPDT	3	Power Out [1]	Power In [1]	Power Out [2]					
ON-OFF-ON	SPDT	3	Power Out [1]	Power In [1]	Power Out [2]					
(ON)-OFF-OF	SPDT	3	Power Out [1]	Power In [1]	Power Out [2]					
(ON)-OFF-(OF)	SPDT	3	Power Out [1]	Power In [1]	Power Out [2]					
ON-OFF	DPST	4		Power In [1]	Power Out [1]		Power In [2]	Power Out [2]		
(ON)-OFF	DPST	4		Power In [1]	Power Out [1]		Power In [2]	Power Out [2]		
ON-ON	DPDT	6	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]		
(ON)-ON	DPDT	6	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]		
ON-OFF-ON	DPDT	6	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]		
(ON)-OFF-OF	DPDT	6	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]		
(ON)-OFF-(ON)	DPDT	6	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]		
ON-ON-ON	DPTT	6	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [3]		
ON-ON-OFF	DPDT	4	Power Out [1]	Power In [1]	Power Out [1]		Power In [2]	Power Out [2]		
(ON)-ON-OFF	DPDT	4		Power In [1]	Power Out [1]		Power In [2]	Power Out [2]		
(ON)-ON-ON	DPTT	6	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [3]		

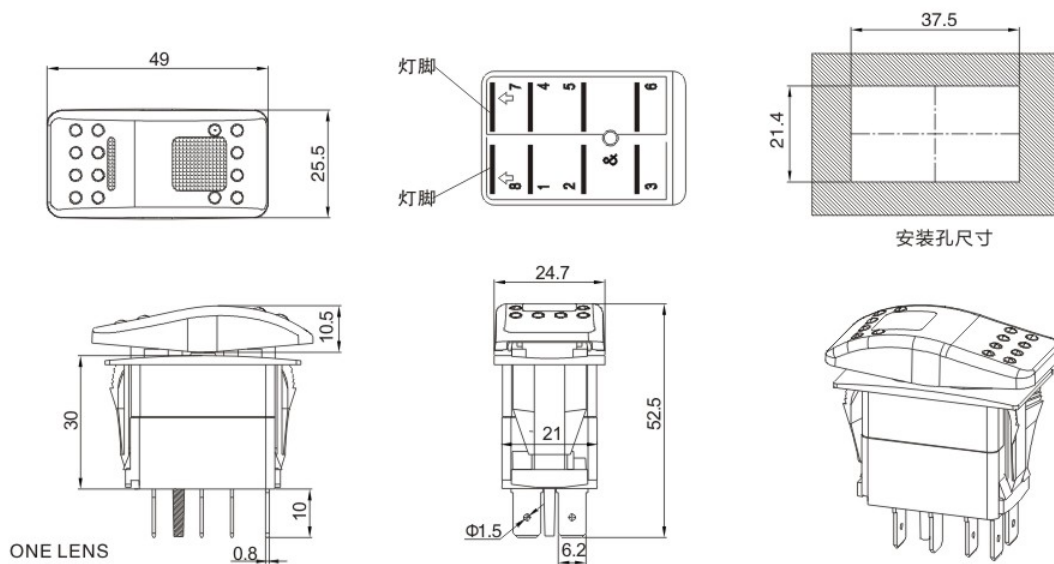
No Lens

Electrical	Type	Pin	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
ON-OFF	SPST	3		Power In [1]	Power Out [1]				Earth	
(ON)-OFF	SPST	3		Power In [1]	Power Out [1]				Earth	
ON-OFF	DPST	5		Power In [1]	Power Out [1]		Power In [2]	Power Out [2]	Earth	
(ON)-OFF	DPST	5		Power In [1]	Power Out [1]		Power In [2]	Power Out [2]	Earth	

Two Lens

Electrical	Type	Pin	Pin1	Pin2	Pin3	Pin4	Pin5	Pin6	Pin7	Pin8
ON-ON	SPDT	4	Power Out [1]	Power In [1]	Power Out [2]				Earth	
(ON)-ON	SPDT	4	Power Out [1]	Power In [1]	Power Out [2]				Earth	
ON-OFF-ON	SPDT	4	Power Out [1]	Power In [1]	Power Out [2]				Earth	
(ON)-OFF-ON	SPDT	4	Power Out [1]	Power In [1]	Power Out [2]				Earth	
(ON)-OFF-(ON)	SPDT	4	Power Out [1]	Power In [1]	Power Out [2]				Earth	
ON-ON	DPDT	7	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]	Earth	
(ON)-ON	DPDT	7	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]	Earth	
ON-OFF-ON	DPDT	7	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]	Earth	
(ON)-OFF-ON	DPDT	7	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]	Earth	
(ON)-OFF-(ON)	DPDT	7	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]	Earth	
ON-ON-ON	DPDT	8	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]	Earth	Power In [3]
ON-ON-OFF	DPDT	6		Power In [1]	Power Out [2]		Power In [2]	Power Out [4]	Earth	Power In [3]
(ON)-ON-OFF	DPDT	6	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]	Earth	Power In [3]
(ON)-ON-ON	DPDT	8	Power Out [1]	Power In [1]	Power Out [2]	Power Out [3]	Power In [2]	Power Out [4]	Earth	Power In [3]

◎游艇开关外形尺寸



◎游艇开关产品展示



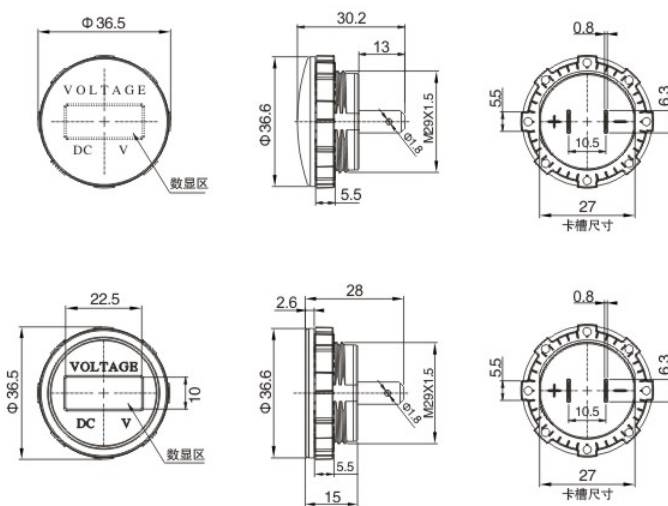
◎游艇开关面板



◎LED防水电压表



产品尺寸图



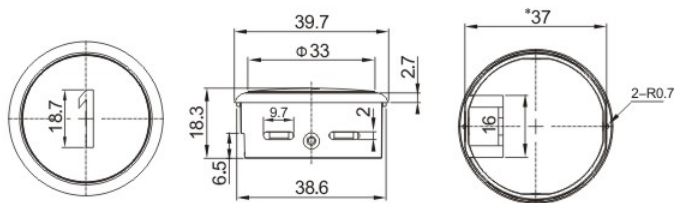
产品名称	防水电压表	产品插脚图
开孔尺寸	27mm	
LED颜色	红色、绿色、蓝色	
电压输入	12-24V	
电压数显	5-48V	
取电方法	保险 / 电瓶	

◎ 电梯按钮开关 Elevator Button Switch



◎ 电梯按钮开关技术参数

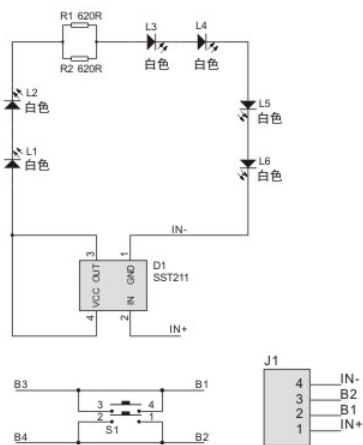
产品外形尺寸图



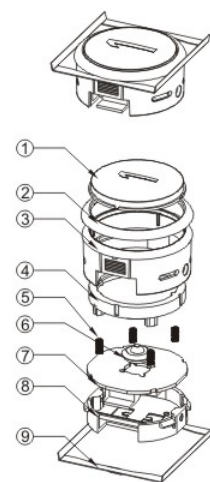
技术要求:

- 1.表面光洁, 无毛刺, 无缺料.
- 2.带(*)的尺寸为重要尺寸,
- 3.其余按公差技术条件.

电气原理图



产品分解图



项目	Item	参数 Parameter	项目	参数 Parameter
额定电压	Rated Voltage	24V(白灯)	动作行程	Action stroke
额定电流	Rated current	8mA	机械寿命	MinimumMating Cycels
绝缘电阻	Nsulation Resistance	500MΩ MIN	配线范围	Wire Range
盐雾等级	Salt Spray Resistance	48h	温度范围	Operation Temperature
				配套端子
				-20℃~75℃

代号	名称	材料	数量
1	透明盖	PC	1
2	铜圈	H59	1
3	壳体	PC	1
4	双色中套	PA66	1
5	复位弹簧	304*	4
6	橡胶套	硅胶	1
7	线路板	定制	1
8	下座	PC	1
9	金属卡件	304*	1

◎ 防腐防爆盒成品



产品规格
107x85x90mm

产品规格
155x85x90mm

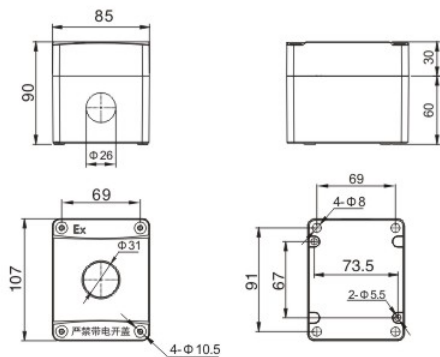
产品规格
208x85x90mm

产品规格
260x85x90mm

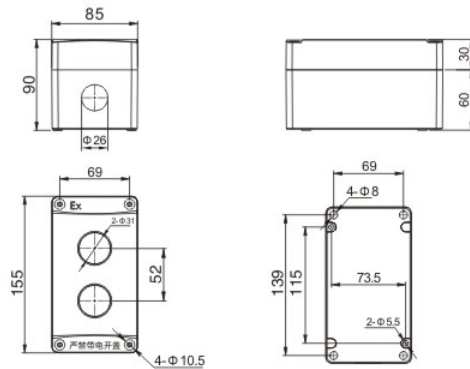
产品规格
220x130x120mm

上下盖板拆分图

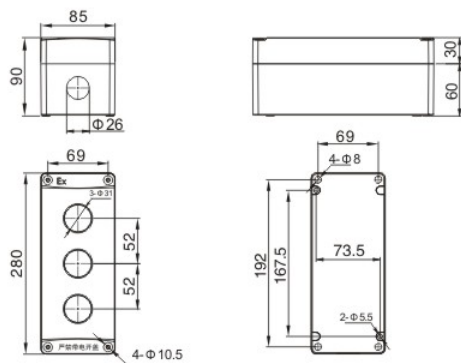
107x85x90mm



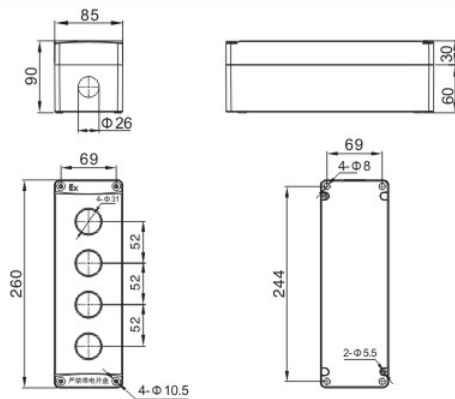
155x85x90mm



208x85x90mm



260x85x90mm



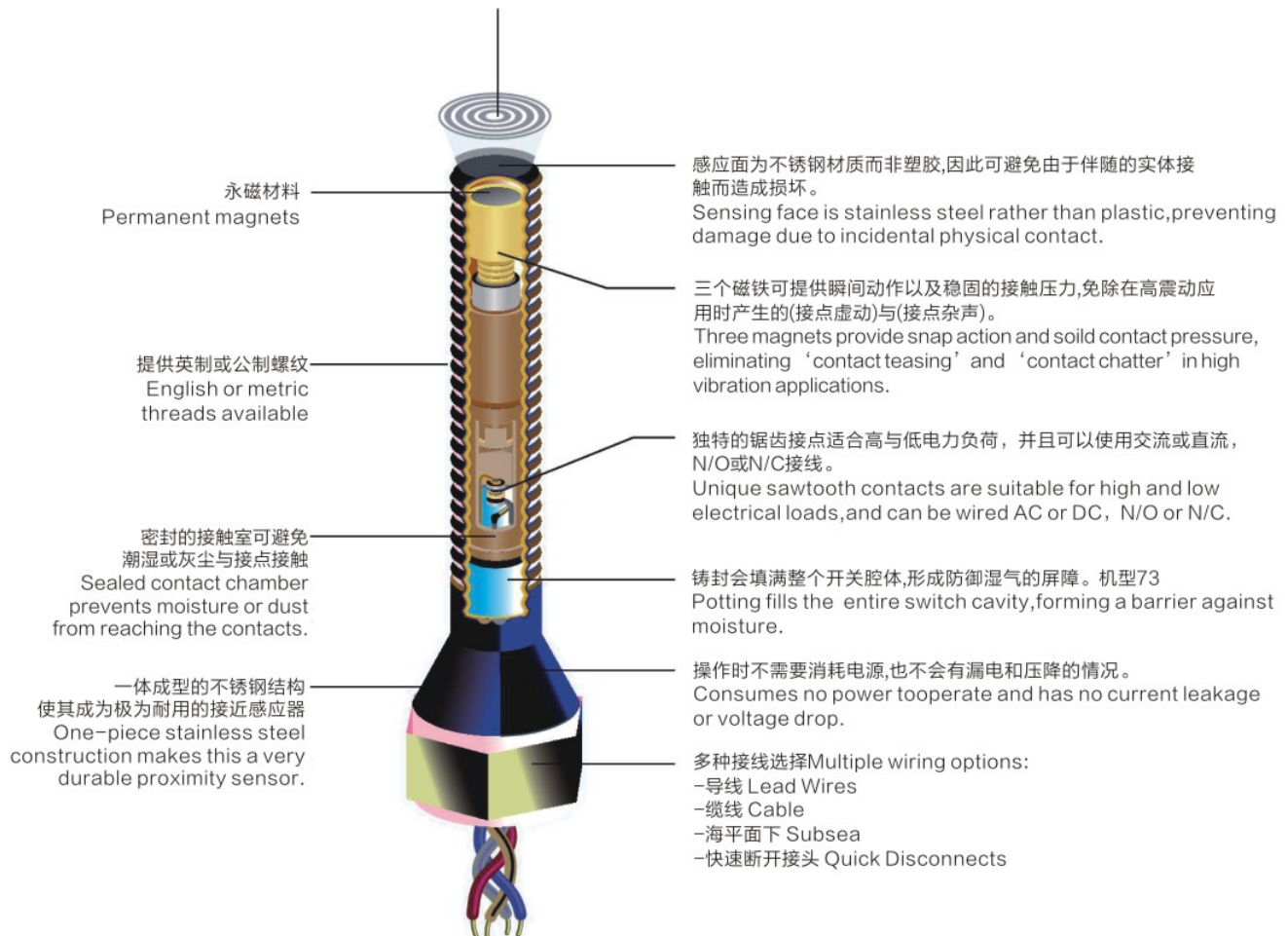
◎ 无杠杆磁力防爆开关 Magnetic Explosion-proof Switch

M70系列的GO Switch采用全部不锈钢结构，可灵活运用AC/DC、NO/NC和SPDT/DPDT接点组态，绝佳的抗腐蚀性，以及可在所有危险区域中使用的全球认证，因此在最严苛的应用情况下足以胜过电感式接近开关。

With all stainless steel construction, flexible AC/DC, NO/NC, and SPDT/DPDT contact configurations, superior corrosion resistance, and global certifications for all hazardous areas, M70 Series GO Switches outperform inductive proximity switches in the toughest applications.



可使用外部目标磁铁延伸端点感应的范围。
End sensing range can be extended using external target magnets.

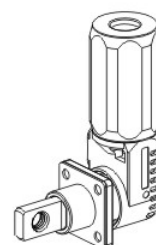
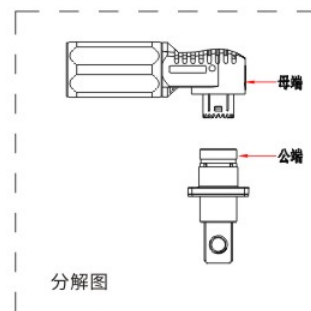
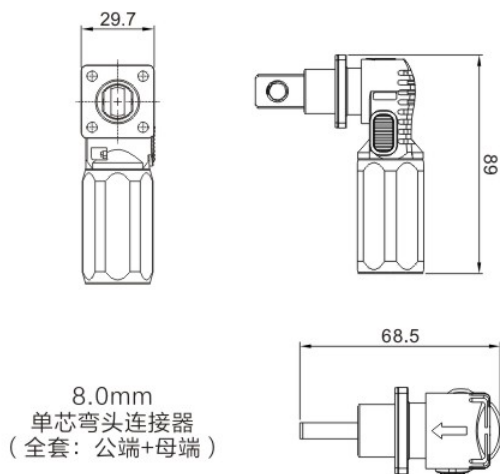


M70

◎储能连接器 6.0\8.0\12.0 Energy storage connector



◎8.0单芯弯头连接器 MP-CN250A BK/O

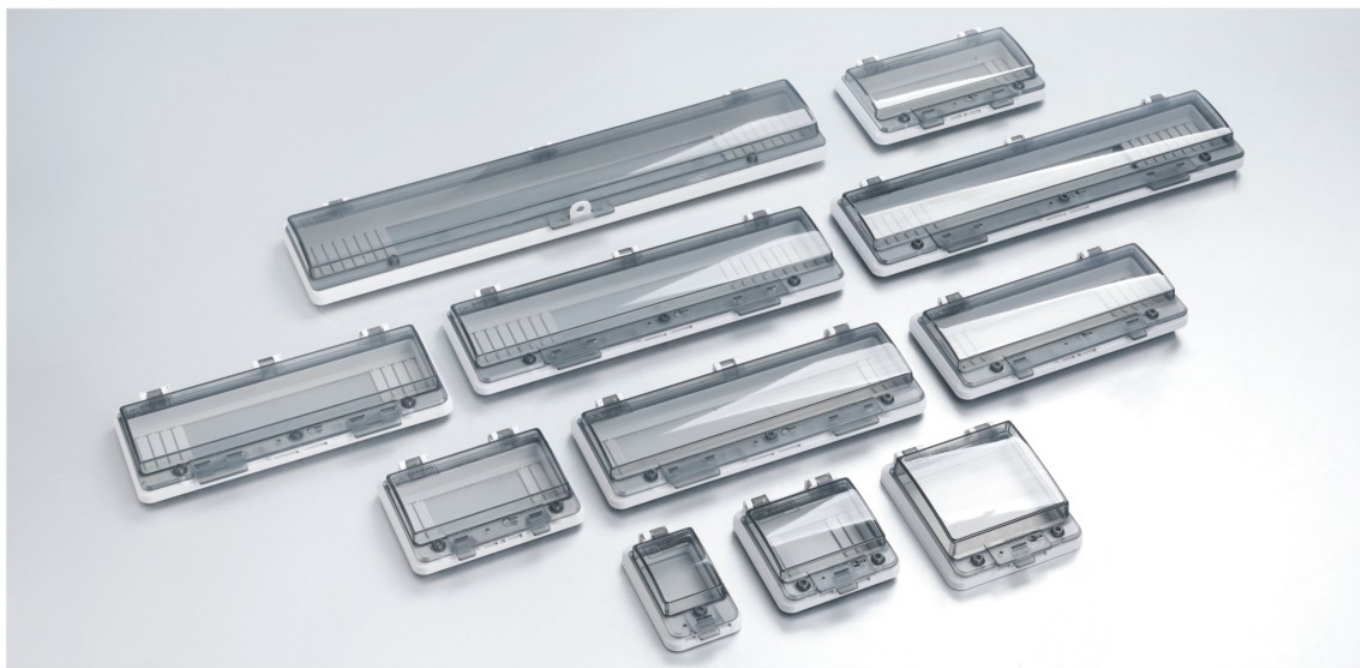


公端+母端整套

型号规格 (物料号)	型号规格 (物料描述)
MP-CN250A T/Z-O	Φ8.0mm储能连接器 插头+插座 橘色 (正极)
MP-CN250A T/Z-BK	Φ8.0mm储能连接器 插头+插座 黑色 (负极)

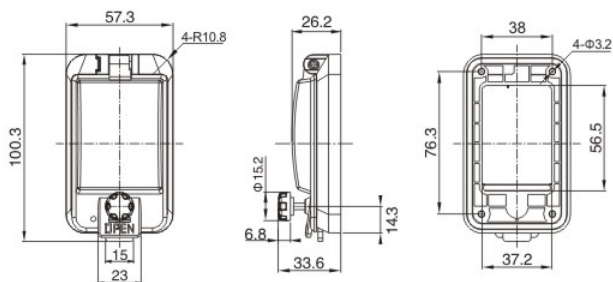
项目	Item	参数 Parameter	项目	Item	参数 Parameter
额定电流	Rated Current	250A	额定电压	Rated Voitage	DC1500V
绝缘电阻	Insulation Resistance	5000MΩ MIN(干燥) 200MΩ (RH 95%)	产品芯数	Number Of Terminals	1针
机械寿命	Minimum Mating Cycles	≥500次插拔	配线范围	Wire Range	25mm ² ~70mm ²
防水等级	IP Degree	IP67	温度范围	Operation Temperature	-40℃~105℃
盐雾等级	Salt Spray Resistance	144h			

◎透明保护窗罩2P-13P Transparent Protective Window Cover

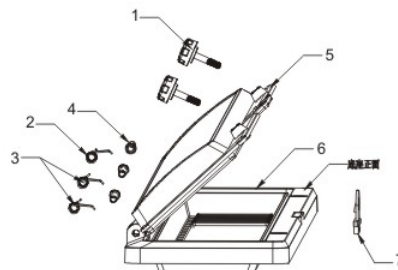


◎尺寸图示例摘选(具体请联系公司)

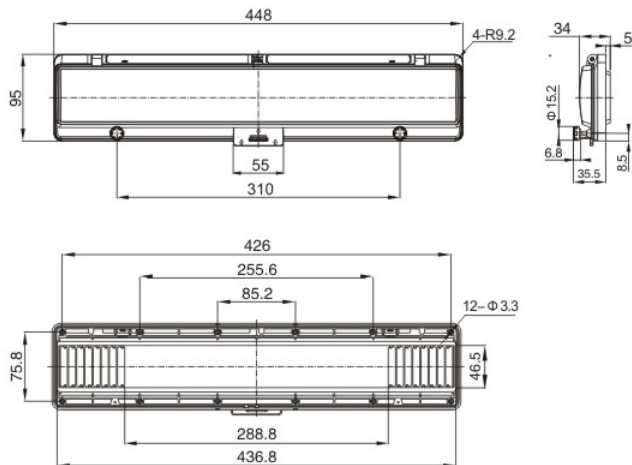
MF-2P



分解图示例



MF-13P



序号	名称	材料	数量
1	M4螺丝	PA66+304 [#]	2
2	金属弹簧(右)	60si2Mn	1
3	金属弹簧(左)	60si2Mn	2
4	金属铆钉	304 [#]	3
5	塑料透明盖	PC	1
6	塑料底座	PC	1
7	金属卡扣	304 [#]	1

型号规格	2P/4P/5P/6P/7P/8P/9P/10P/11P/12P/13P
产品材质	优质PC
密封胶方式	全自动设备精准密封胶
环保	符合RoHS2.0
锁孔结构	自带锁孔
安装方式	背部螺钉安装
配套方式	可按预置P数孔位安装亦可去除挡板增加安装孔位
等级防护	IP67
卡扣结构	双卡扣受力更均匀, 防水性能更佳
开合方式	新活页, 可90° 垂直档位停顿

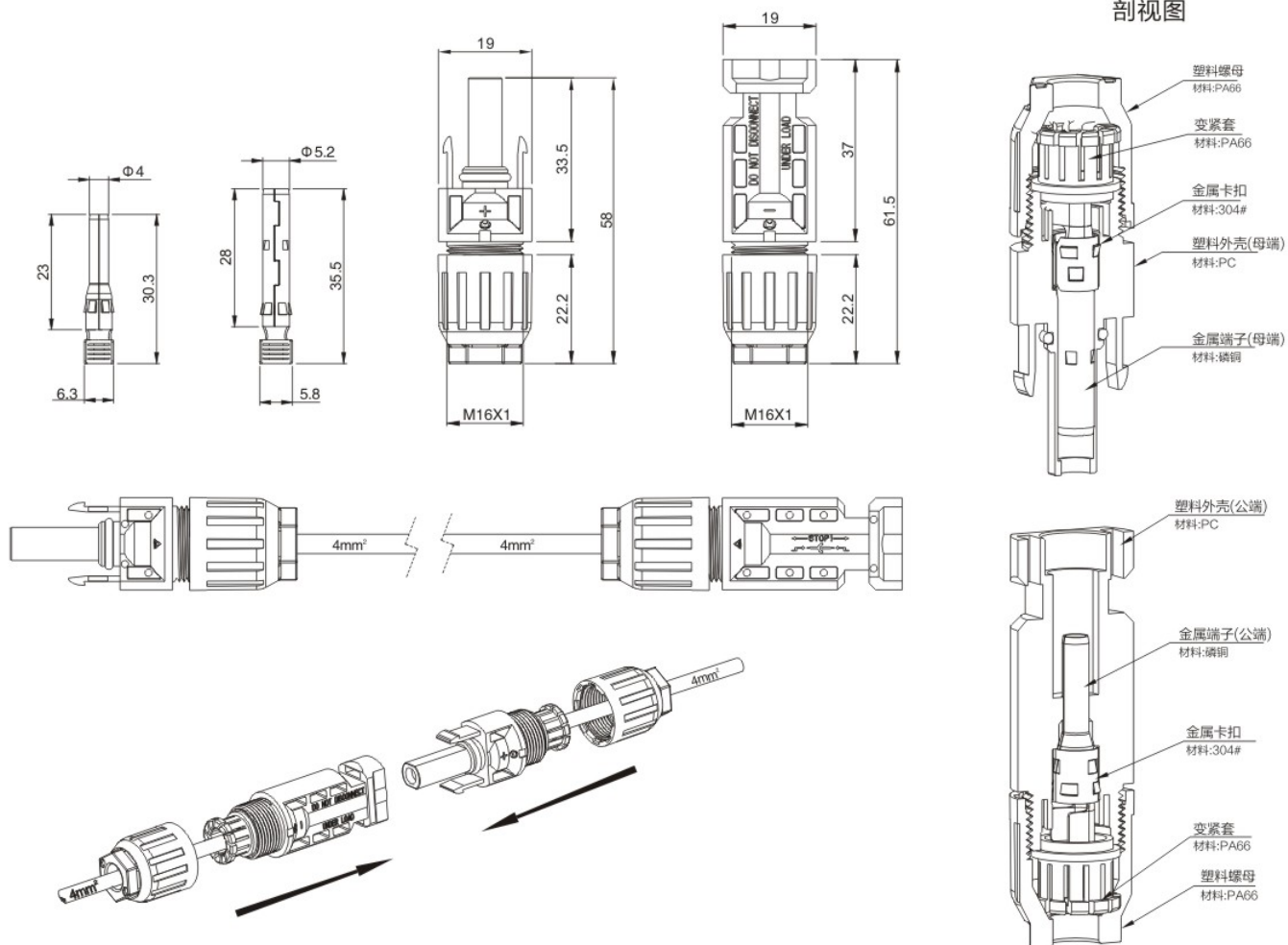
◎MC4-1光伏连接器



产品性能参数

额定电压	1500V DC(IEC)1 1000V/1500V DC(UL)2
额定电流	17A、22A、30A(1.5mm,2.5mm;14AWG, 4mm;6mm;12AWG,10AWG)
测试电压	6KV(50HZ,1min.)
环境温度范围	-40℃~+90℃(IEC)-40℃~+75℃(UL)
防护等级, 插合状态	Ip67
温度上限	+105℃(IEC)
触摸等级, 未插合状态	Ip2X
安全等级	II
端子材料	(磷)铜镀银
绝缘材料	PA/PC
锁紧系统	Snap-in
连接器接触阻抗	0.5m Ω
火焰等级	UL-94-V0
腐蚀试验等级	IEC 60068-2-52

◎外观尺寸图 Product Dimension Diagram

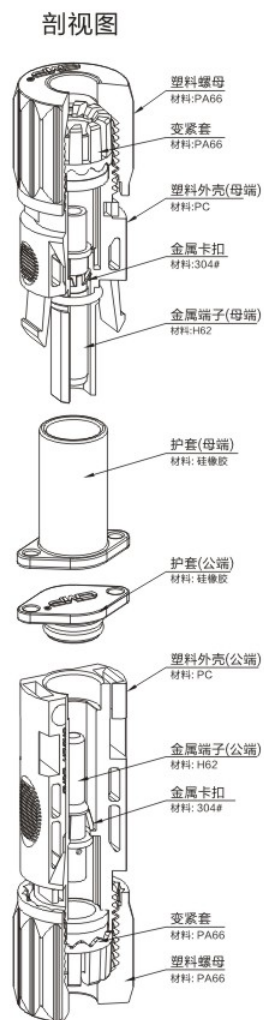
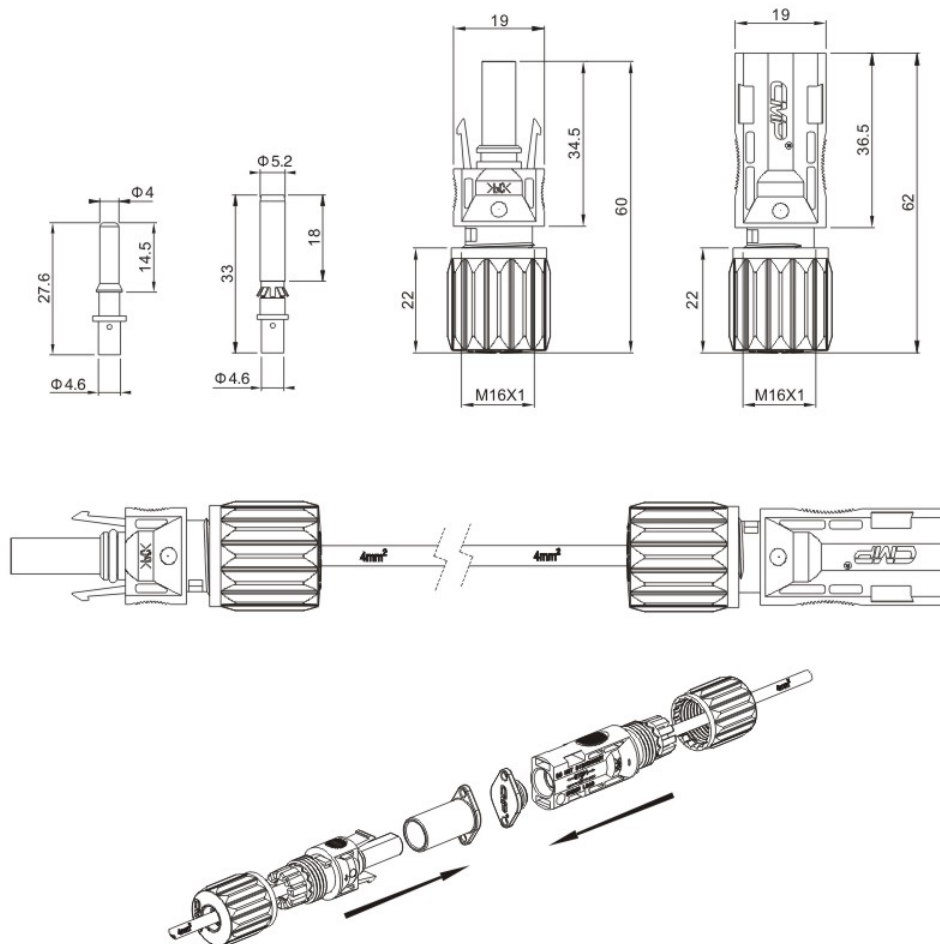


◎MC4-2光伏连接器

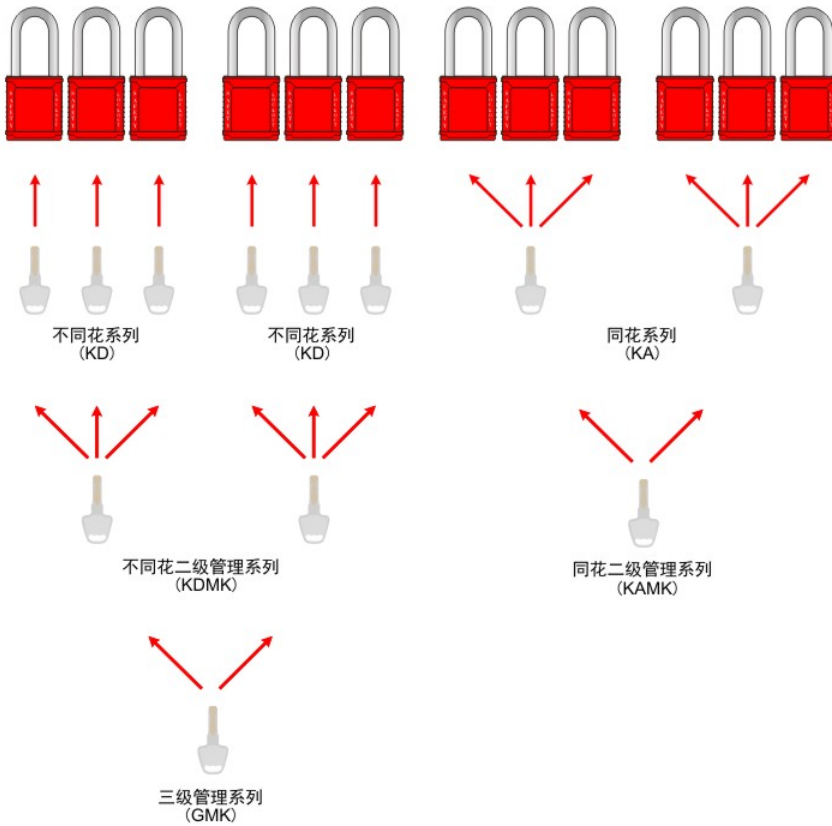


产品性能参数	
额定电压	1500V DC
额定电流	30A
测试电压	6KV(50HZ,1min.)
环境温度范围	-40℃~+90℃(IEC)-40℃~+75℃(UL)
防护等级, 插合状态	Ip67
温度上限	+105℃(IEC)
触摸等级, 未插合状态	IP2X
安全等级	II
端子材料	(黄)铜镀银
绝缘材料	PA/PC
锁紧系统	Snap-in
连接器接触阻抗	0.5m惟
火焰等级	UL-94-V0
腐蚀试验等级	IEC 60068-2-52

◎外观尺寸图 Product Dimension Diagram



◎安全挂锁-钥匙管理系统



●产品特点

- ☆ 锁体由工程塑料增强尼龙PA66制成，锁梁钢制表面镀铬，有效避免生锈，延长使用寿命
- ☆ 采用一体式外壳设计，结构紧密牢固，经久耐用
- ☆ 正面带有醒目警示标签，背面带有可反复擦写标签
- ☆ 内部整理绝缘，避免导电性，钥匙具有留钥匙性，打开状态钥匙拔不出来
- ☆ 锁体多种颜色可供选择

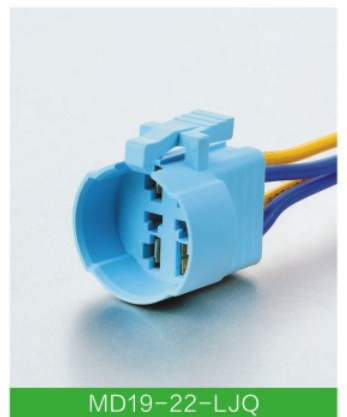
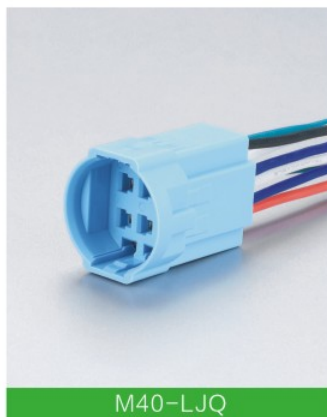
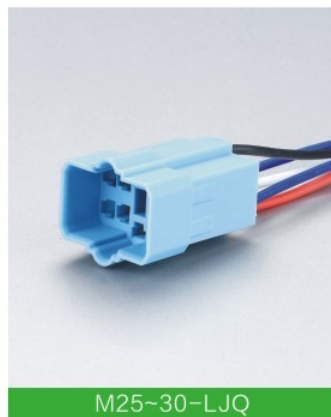
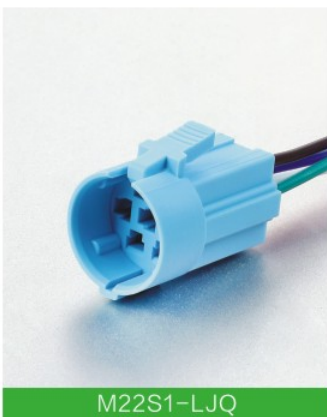
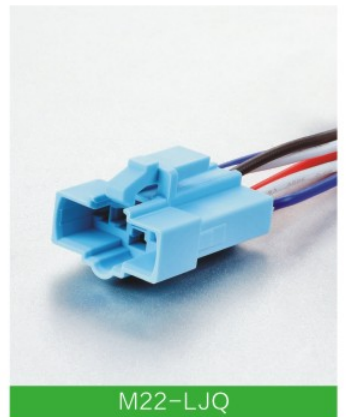
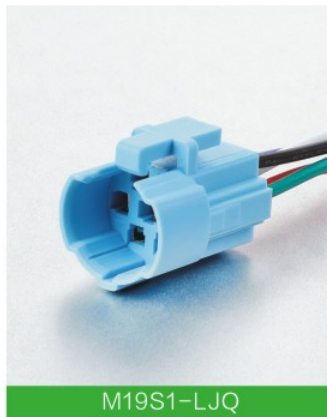
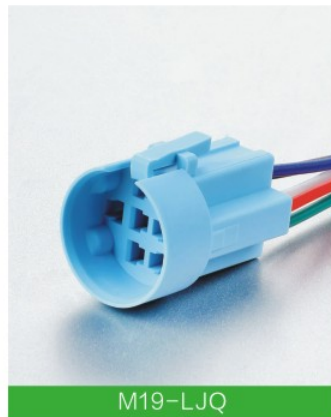
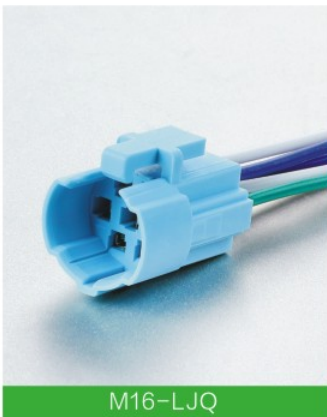
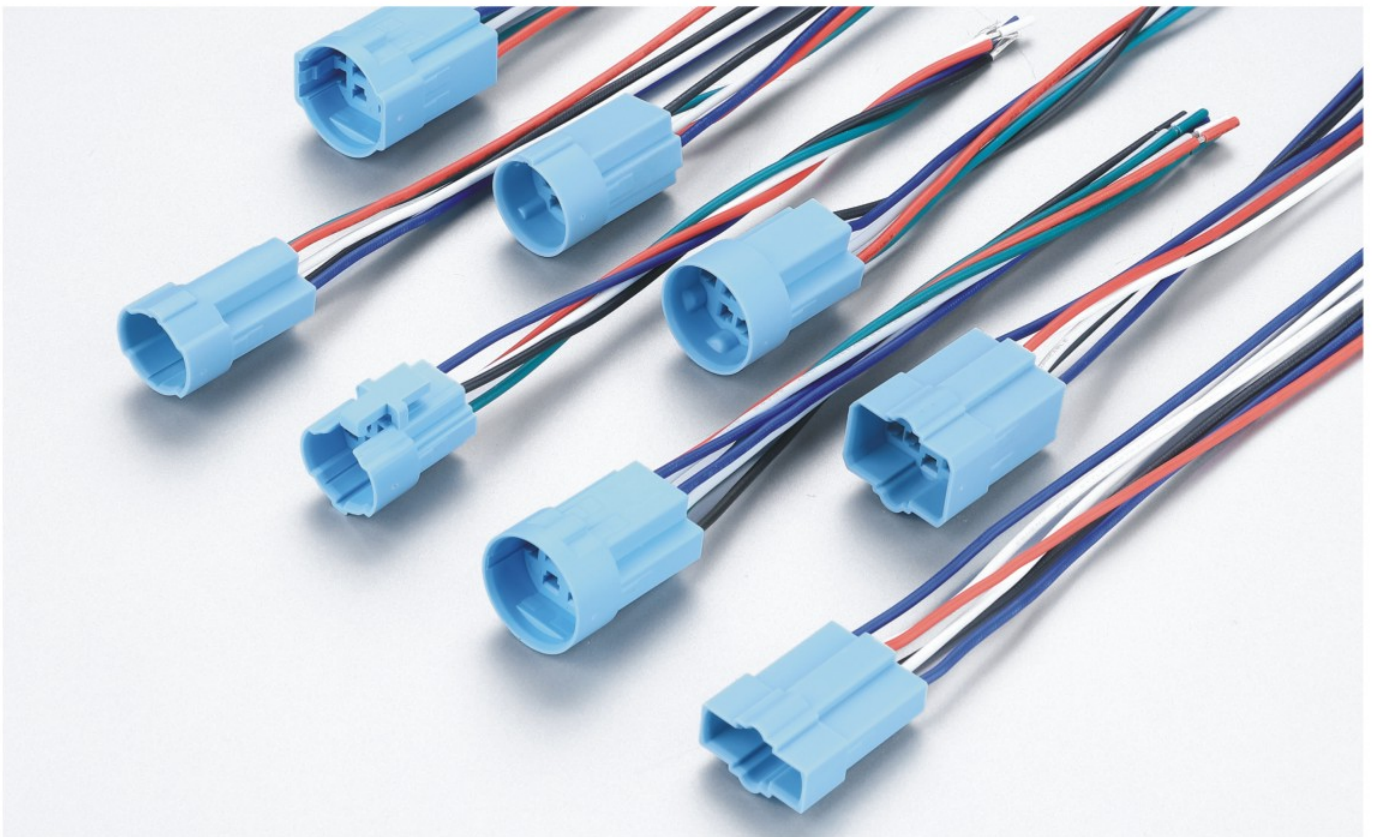
●挂锁钥匙系统

- 不同花系列(KD)：每把挂锁的钥匙都是唯一的，锁与锁之间不能相互打开
- 同花系列(KA)指定组内锁与锁全部可以相互打开，任意一把钥匙可以打开组内所有挂锁
- 不同花二级管理系列(KDMK)：指定组内每把挂锁配有唯一的钥匙，锁与锁之间不能相互打开，但有一把二级管理钥匙可以打开组内所有挂锁
- 同花二级管理系列(KAMK)：指定多组同花系列，组与组之间不能互开，有一把二级管理钥匙可以打开所有组的挂锁
- 三级管理系列(GMK)：指定多组不同花系列，组与组之间不能互开，每组配有一把二级管理钥匙，另有一把三级管理钥匙可以打开所有组的挂锁

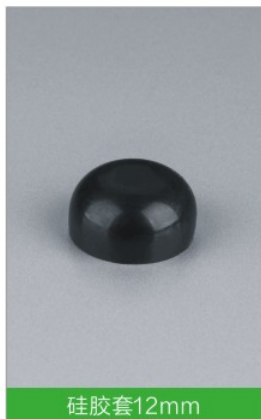
◎安全挂锁系列



◎按钮连接器 Button Connector



◎ 西普配件产品 Accessory Products



© 部分定制产品展示 Part Of The Custom Product Display



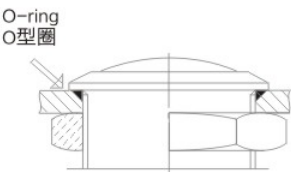
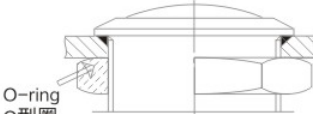
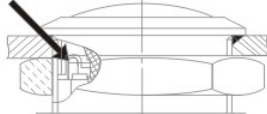
◎部分定制产品展示 Part Of The Custom Product Display



金属防爆开关 Metal Explosion Proof Switch

零件号码Part Number	最大范围Max.Symbol Range	例子Example	效果图Effect Drawing
MP10	Φ6 mm	8 E # ◀ ⏻ ⚠ 💡 🔔 Stop Start 启动 冷水 Cold 更多符号查看P50 Check more symbol from P50 注：采用各种先进的技术来满足您的任何要求。标签具有良好的性能和磨损耐腐蚀。 Note: Adopting kinds of advanced technology to meet your anyrequirement. The label has good performance in abrase and eroderesistant.	
MP10-E	Φ6 mm		
MP12	Φ6 mm		
MP12-E	Φ6 mm		
MP16-E	Φ8 mm		
MP16	Φ10 mm		
MP19-E	Φ10 mm		
MP19	Φ8.5 mm		
MP22-E	Φ12 mm		
MP22	Φ15 mm		
MU22-E	Φ12 mm		
MU22	Φ15 mm		
MP25-E	Φ13 mm		
MP25	Φ22.5 mm		
MP28-E	Φ13 mm		
MP28	Φ22.5 mm		
MP30-E	Φ13 mm		
MP30	Φ22.5 mm		
MP40	Φ30 mm		
MP40-E	Φ30 mm		

安装方式 Installation Mode

安装方式Proposal	在面板的前面 In front of the panel	面板后面 Behind the panel	内置防水示意图 Built waterproof sketch map
安装图 Installation Diagram	 Preferred	 For thin panels	 内部防水 Inside the waterproof

面板材质 Panel Material

类型 Description	镀铬黄铜Chromium-plated brass (抛光表面Polished surface)	不锈钢Stainless steel (螺旋面Spiral surface)	镀金黄铜Gold-plated brass (抛光表面Polished surface)
			

注意事项 Matters Needing Attention

任何不正确的焊接操作都可能导致产品塑性变形、开关接触不良等。用户在使用引脚式按钮开关、信号灯时，因焊接不当导致产品损坏的现象时有发生，故敬请各位用户在接线操作时务必注意以下几点：

1. 选择合适的电烙铁，加快焊接速度，建议使用20W电烙铁3秒内完成焊接。
2. 助焊剂必须适量，焊接时尽量将开关引脚朝下。
3. 尽量采用插线端子连接，避免焊接连接。

Any improper welding operation all possibly cause plastic deformation, bad-contact switch,etc.

When soldering the pin-terminas of switches and indicators,pls pay attention tofollowing points. Because it' s esay tohave the switch damaged if improperly operating.

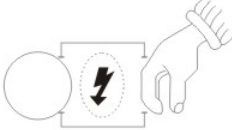
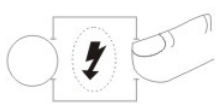
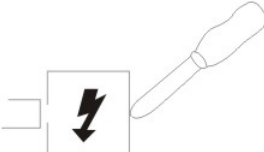
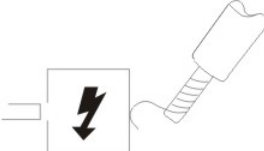
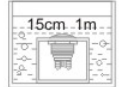
1. Using suitable electric soldering iron and quickeningwelding speed. Wesuggest you use 20W electric soldering iron and finish within 3 seconds.
2. Using right amount of scaling powder and putting the pin terminals downward when soldering.
3. It' s better to use connectors than directly weld.

订货须知 Order Information

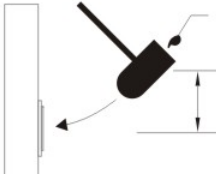
- ① 请提供详细的型号参数命令。
- ② 彩色外壳铝材料可用于所有以上产品。
- ③ 如果您需要的产品订做，起订量需要1000的件。
- ④ IP防护等级是用于面板的表面。

- 1 . Pls provide us the detailed part-number when you order.
- 2 . Colorized crust of aluminun material is available for all above products.
- 3 . If you need the products made to order,the MOQ need over 1000 peices.
- 4 . The IP degree is used for the surface of the panel.

◎ 简要说明 Brief Description

第一位数码 The first number(防止固体异物进入to keep soild out)			第二位数码 The second number(防止进水造成有害影响waterproof)			
IP	要求Require	举例Example	IP	要求Require	举例Example	防水Waterproof
0	无防护Unprotected		0	无防护Unprotected	無 Nothing	无防护 Unprotected
1	直径50mm的球型物体不得完全进入，不得触及危险部件。 如手臂 Φ50mm globe can't be full in, can't touch dangerous part. Such as the back of hand.		1	防止垂直下落滴水，允许少量进水 Protected from vertically dripping water, allow a little water in.		垂直滴水 Dripping vertically
2	直径12.5mm的球型物体不得完全进入，铰接试指应与危险部件有足够的间隙。 如手指 Φ12.5mm globe can't be full in, need enough space between the articulated test finger and dangerous part. Such as finger.		2	防止当外壳在15° 范围内倾斜时垂直下落滴水，允许少量水进入 Protected from vertically dripping water when the crust inclines in range of 15° ,allow a little water in.		与垂直面成 15° 滴水 Dripping at the angle of 15° against the vertical plane
3	直径2.5mm的试具不得进入。 如工具。 Φ2.5mm object can't be in. Such as tool.		3	防止与垂直面成60° 范围内淋水，允许少量水进入 Protected from trickling water when the angle is 60° against the vertical plane, allow a little water in.		少量淋水 A little trickling water
4	直径1mm的试具不得进入。 如金属丝。 Φ1mm object can't be in. Such as metal wire.		4	防止任何方向的溅水，允许少量水进入 Protected from splashing water from any direction, allow a little water in.		任何方向溅水 Splashing from any direction
5	允许有限的灰尘进入 (没有有害的沉积) Allow a little dust in (no harmful deposit)		5	防止喷水，允许少量水进入 Protected from spraying water, allow a litter water in.		任何方向的喷水 Spraying from any direction
6	完全防止灰尘进入 Completely dustproof.		6	防止强烈喷水，允许少量水进入 Protected from strongly spraying water, allow a litter water in.		任何方向的强烈喷水 Strongly spraying from any direction
			7	防止15mm~1m深的浸水影响 Protected from soaking at the depth of 15mm~1m.		短时间浸水 Soaking for short time
			8	防止在有压力长期浸水 Protected from soaking for long time under pressure.		持续浸水 Keep soaking

◎ 外壳IK防护等级说明 IK Degree Description

IK防护等级 IK Degree	锤质量 Weight(A)	锤初始高度 Original Height(H)	撞击能量 Impact Energy	撞击示意图 Impact Diagram	说明 Implication
IK01	150g	10cm	0.15J		外壳的相同部位在受到3次相应等级能量的机械撞击后，不使开关受到影响。 After three mechanical impact with corresponding grade energy at the same position of the crust, the switch has no harmful effect.
IK02	200g	10cm	0.20J		
IK03	250g	15cm	0.35J		
IK04	250g	20cm	0.50J		
IK05	350g	20cm	0.70J		
IK06	250g	40cm	1J		
IK07	500g	40cm	2J		
IK08	1.25kg	40cm	5J		
IK09	2.50kg	40cm	10J		
IK10	5.0kg	40cm	20J		

注:符合标准: GB/T20-138-2006,IEC 62262:2002

采用试验标准: GB/T2423.55-2006,IEC 60068-2-75:1997

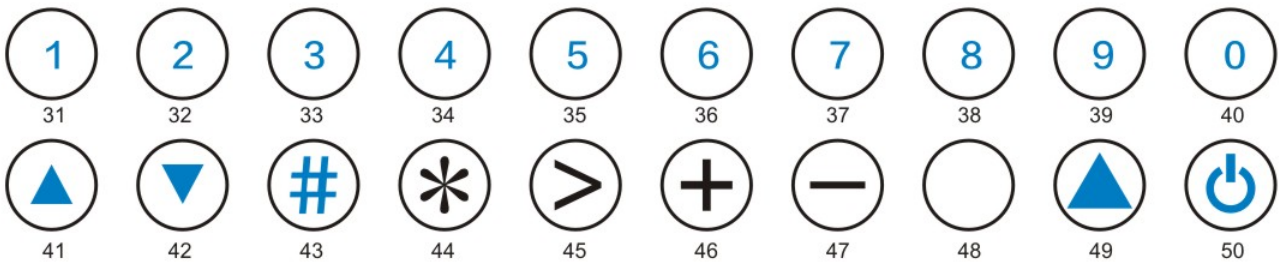
Note:Standard:GB/T20-138-2006, IEC 62262:2002

Test standard:GB/T2423.55-2006, IEC 60068-2-75:1997

◎金属按钮附件 Metal Switch Accessories



◎数字及符号 Number and Sign



◎ISO部分符号 ISO Sign



◎特殊发光符号 Special LED sign



注:以上图标符号均需定制。
Note: All above symbol can be made to order.

◎发光体的效果图 Luminous Effect

