追求每一细节 力求更加专业

GQEM

浙江高桥电子有限公司

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工控元器件专业制造商

Professional
manufacturer of industrial
control components

◎ IS09001 Quality Management System Certification
◎ CCC Product Certification.
◎ CE Product Certification.

2023-4

GQEM 高桥电子
GQ ELECTRONIC

GQEM高桥电子

产品选型手册

浙江高桥电子有限公司

COMMITTED TO CREATING A CLEANER, SMARTER, MORE EFFICIENT ELECTRICAL WORLD

致力于为客户创造一个
更清洁、更智能、更高效的电气世界

我们一直在致力为客户提供强大的技术输出的同时，坚持以客户为中心，建设完备的售后保障机制，不定期的对客户进行技术培训和反馈信息收集，来完善我们的服务，立足中国，面向全球。

While we have been committed to providing customers with strong technical output, we insist on being customer-centric, building a complete after-sales guarantee mechanism, and conducting technical training and feedback information collection for customers from time to time to improve our services, based in China, and facing worldwide.

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COMPANY PROFILE

企业简介

GQEM 高桥电子
GQ ELECTRONIC

追求每一细节 力求更加专业

浙江高桥电子有限公司创建于 2004 年，是一家工控产品研发和生产的专业制造厂商；主要产品有 LED 灯、按钮、蜂鸣器、PG 防水接头、接触器及 LED 元器件等系列，其广泛应用于控制柜、配电柜、仪表柜及各类控制台中；

公司在产品设计制造反面积累了丰富的经验，除本公司提供的产品型号及技术参数外，可根据客户需要设计制造，满足和适应客户多方面的要求；

多年来公司坚持以“科技创新，真诚服务”的经营理念，深得各界人士及新老客户的一致好评。高桥电子全体员工正满怀信心、积极开拓，迎接新的机遇和挑战，愿与海内外客商携手并进，共创美好明天！

从我们的足迹印在世界每一个角落那一刻起，我们就不仅仅属于中国，而是世界人民共有。一直以来，我们都致力于为世界各国人民提供更为优异的产品，把我们的产品推向世界每一个角落；不同国家，相同的是对我们品牌的情感。我们将跨越国界，奋力向前！

Founded in 2004, Zhejiang Gaoqiao Electronics Co., Ltd. is a professional manufacturer of industrial control product development and production; its main products include LED lights, buttons, buzzers, PG waterproof connectors, contactors and LED components, etc. Used in control cabinets, power distribution cabinets, instrument cabinets and various consoles;

The company has accumulated rich experience in product design and manufacturing. In addition to the product models and technical parameters provided by the company, it can design and manufacture according to customer needs to meet and adapt to various requirements of customers;

Over the years, the company has adhered to the business philosophy of "scientific and technological innovation, sincere service", and has won unanimous praise from people from all walks of life and new and old customers. All employees of Gaoqiao Electronics are full of confidence, actively exploring and meeting new opportunities and challenges, and are willing to go hand in hand with customers at home and abroad to create a better tomorrow!

From the moment our footprints are printed in every corner of the world, we do not only belong to China, but are shared by the people of the world. For a long time, we have been committed to providing better products for people all over the world, and pushing our products to every corner of the world; different countries have the same emotion for our brand. We will cross borders and forge ahead!

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追求每一细节 力求更加专业


质量管理体系认证证书

证书编号：31022010315805

兹 证 明

浙江高桥电子有限公司

统一社会信用代码：91330382762549846 6

注册地址：乐清市柳市镇前西村　邮编：325604

经营地址：浙江省温州市乐清市柳市镇柳黄路1666号　邮编：325604

质量管理体系符合

GB/T19001-2016/ISO9001：2015 标准的要求

该体系认证所覆盖的范围

资质范围内信号灯、按钮开关、交流接触器的生产；电力仪表的生产

初次发证日期：2022年06月28日　本次发证日期：2022年06月28日　证书有效日期：2025年06月27日

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管理体系
MANAGEMENT SYSTEM
CNAS C265-M

华生原检测认证中心（北京）有限公司

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产品认证证书

中国质量认证中心


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以科技为手段
研发安全实用的电气产品

With science and technology
as means Development of safe and
practical electrical products

建立“高质量”电气独有品牌是我们企业向前发展的追求目标，是企业竞争于同行的有力保障。而品牌建立的前提是企业产品质量的可靠性与稳定性。因此，我们引进国际化的质量管理体系，坚持每一细节与环节的一丝不苟与精益求精，努力实现产品质量的标准化及系统化管理。

Establishing a "high-quality" electric unique brand is the pursuit goal of our company's development and a strong guarantee for the company to compete with its peers. The premise of brand establishment is the reliability and stability of the product quality of the enterprise. Therefore, we introduce an international quality management system, adhere to the meticulous and excellence in every detail and link, and strive to achieve standardized and systematic management of product quality.

质量为先
以技术赋能质量升级

Quality first enabling
quality upgrades with
technology




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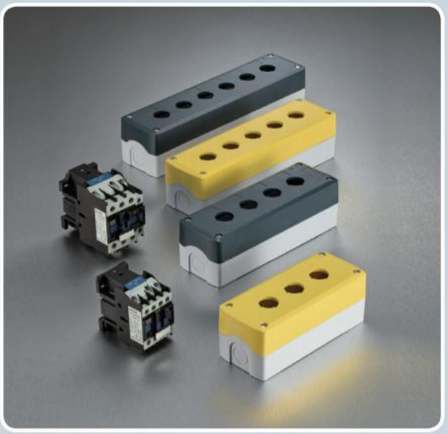

产品索引·CONTENTS

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选型说明 Selection instructions

M2 36 - TE / S2 R - TM1 A / □

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①：壳体样式分类 /Housing style classification
②：面板样式分类 /Panel style Classification
③：产品分类 /Product classification
TE : 智能温控仪 /Intelligent temperature controller
④：工作电源 /Working power supply
电源 (变压器)Power supply (Transformer)
■ T1- AC-220V , 50/60HZ;
■ T2-AC-380V,50/60HZ
开关电源 Switching power supply
■ S1– :AC/DC - 20~60V;
■ S2-AC/DC - 80~260V
⑤：通讯 Communication:
R : RS485（MODBUS 协议）
空置 Blank : 无通讯 Non communication
⑥：控制输出 Control output
T：主控输出 SSR（DC12V）Main control output SSR (DC12V)
M：主控开关量输出 (继电器) Main control switch output (relay)
V：电压模拟量输出（0~10V）Voltage analog output (0~10V)
A：电流模拟量输出（4~20mA）Current analog output (4~20mA)
1：1 路输出（单继电器）上限输出
1-way output (single relay) upper limit output
2：2 路输出（双继电器）上限 + 下限输出
2-way output (double relay) upper limit+lower limit output
⑦：输入信号 (温控仪)Input signal (Intelligent temperature controller)
A： 全功能输入（默认 K 型） Input full function (Factory default K-type)
K： K 型热电偶 K-type thermocouple
E： E 型热电偶 E-type thermocouple
P： 热电阻 Pt100 (Thermal resistance Pt100)
C： 热电阻 Cu50 (Thermal resistance Cu50)
其它代码对照详见 : 表 A （ Other codes: Form A ）
⑧：功能定制备注 Function customization :
功能代码为 3 位组合数 (生产建档备查)
The function code is a 3-bit combination number

安装时应注意以下情况 Precautions for installation:

◎ 过多的灰尘、盐份或金属粉末 ;
◎ 腐蚀性、易燃气体 ;
◎ 直接震动或冲击主体结构 ;
◎ 水、油、化学品、烟雾或蒸汽污染 ;
◎ 环境湿度的急剧变化可引起的结露 ;
◎ 空调直吹、阳光直射、热辐射积聚之处

◎ Excessive dust, salt, or metal powder;
◎ Corrosive and flammable gas;
◎ Direct vibration or impact on the main structure;
◎ Water, oil, chemical, smog or steam pollution;
◎ A sharp change in environmental humidity may cause condensation;
◎ Direct air conditioning, direct sunlight, heat radiation accumulation.

主要技术参数 Main technical parameters

◎ 兼容输入 : 热电偶（E.J.K.S.B）; 热电阻（Cu50.Pt100）
◎ 采样周期 :300 毫秒
◎ 冷端补偿误差 : ≤ 2°C
◎ 分辨率 :1°C或 0.1°C
◎ 主控方式 : PID 控制或位式控制
◎ 主控输出 : SSR 驱动电平（DC12V, 负载能力 ≤ 30mA）继电器输出（容量 :AC 220V 阻性负载 3A)
◎ 报警输出 : 继电器触点 AC 250V 3A(阻性负载)
◎ 显示误差 : 小于或等于满量程的 1.0%±1 个字

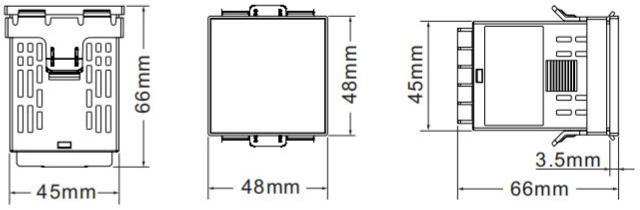
◎ Compatible input: thermocouple（E.J.K.S.B）;Thermal resistance （Cu50.Pt100）
◎ Sampling period:300milliseconds
◎ Cold end compensation error: ≤ 2°C
◎ Resolution ratio:1°C或 0.1°C (1°C or 0.1°C)
◎ Main control mode: PID control or Stepping control
◎ Main control output : SSR Drive voltage（DC12V, Load capacity ≤ 30mA）Relay output （Capacity:AC 220V Resistive load 3A)
◎ Alarm output:Relay contact AC 250V 3A(Resistive load)
◎ Display error: less than or equal to 1.0% ± 1 word of full scale

产品外形及安装开孔尺寸（mm） Product appearance and installing size（mm）

产品规格 Specifications	外形尺寸 External dimension	面板开孔尺寸 Panel hole dimension
	高 × 宽 × 深 Height × width × depth	高 × 宽 Height × width
M2 □□ -	48×48×66	46×46
M3 □□ -	72×72×66	68×68
M5 □□ -	48×96×66	46×92
M7 □□ -	96×48×66	92×46
M9 □□ -	96×96×66	92×92

M2 □□ - (描述 Description)

外形尺寸 External dimension(mm)
48 高 (H)×48 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
46 高 (H)×46 宽 (B)



智能温控仪表 Intelligent temperature controller

型号规格 Model specification	★ (深色边框面板) Dark border panel
M236-TE/S2-TM1K/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M266-TE/S2-TM1K/A01	

◎ 输入信号 : K 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : 0°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : K type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : 0°C ~ 400°C
◎ Control mode: PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output: SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M236-TE/S2-TM1A/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M266-TE/S2-TM1A/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M236-TE/S2-TM1P/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M266-TE/S2-TM1P/A01	

◎ 输入信号 : Pt100 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Pt100 type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 400°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M236-TE/S2-TM1P/A01	

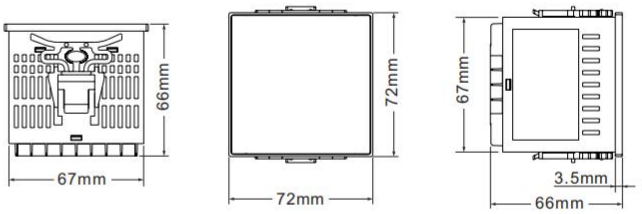
型号规格 Model specification	(深色罩面板) Dark panel
M266-TE/S2-TM1P/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : RS485 (MODBUS 协议)
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: RS485 (MODBUS)
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

M3 □□ - (描述 Description)

外形尺寸 External dimension(mm)
72 高 (H)×72 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
68 高 (H)×68 宽 (B)



智能温控仪表 Intelligent temperature controller

型号规格 Model specification	★ (深色边框面板) Dark border panel
M336-TE/S2-TM1K/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M366-TE/S2-TM1K/A01	

◎ 输入信号 : K 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : 0°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : K type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : 0°C ~ 400°C
◎ Control mode: PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output: SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M336-TE/S2-TM1P/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M366-TE/S2-TM1P/A01	

◎ 输入信号 : Pt100 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Pt100 type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 400°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M336-TE/S2-TM1A/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M366-TE/S2-TM1A/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M336-TE/S2R-TM2A/A01	

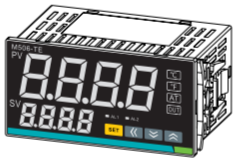
型号规格 Model specification	(深色罩面板) Dark panel
M366-TE/S2R-TM2A/A01	

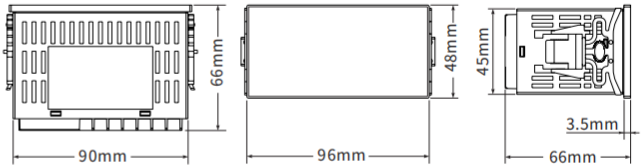
◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : RS485 (MODBUS 协议)
◎ 报警输出 : 双继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: RS485 (MODBUS)
◎ Alarm output : Dual relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

M5 □□ - (描述 Description)

外形尺寸 External dimension(mm)
48 高 (H)×96 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
46 高 (H)×92 宽 (B)





智能温控仪表 Intelligent temperature controller

型号规格 Model specification	★ (深色边框面板) Dark border panel
M536-TE/S2-TM1K/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M566-TE/S2-TM1K/A01	

◎ 输入信号 : K 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : 0°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : K type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : 0°C ~ 400°C
◎ Control mode: PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output: SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M536-TE/S2-TM1P/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M566-TE/S2-TM1P/A01	

◎ 输入信号 : Pt100 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Pt100 type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 400°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M536-TE/S2-TM1A/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M566-TE/S2-TM1A/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M536-TE/S2R-TM2A/A01	

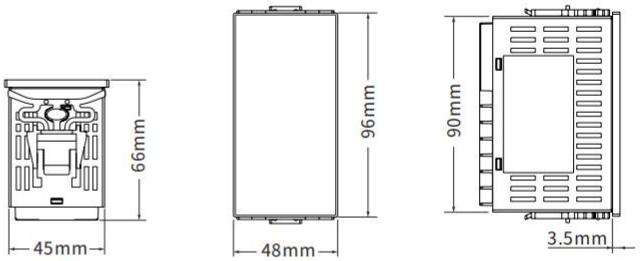
型号规格 Model specification	(深色罩面板) Dark panel
M566-TE/S2R-TM2A/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : RS485 (MODBUS 协议)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: RS485 (MODBUS)
◎ Alarm output : Dual relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

M7 □□ - (描述 Description)

外形尺寸 External dimension(mm)
96 高 (H)×48 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
92 高 (H)×46 宽 (B)



智能温控仪表 Intelligent temperature controller

型号规格 Model specification	★ (深色边框面板) Dark border panel
M736-TE/S2-TM1K/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M766-TE/S2-TM1K/A01	

◎ 输入信号 : K 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : 0°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : K type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : 0°C ~ 400°C
◎ Control mode: PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output: SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M736-TE/S2-TM1P/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M766-TE/S2-TM1P/A01	

◎ 输入信号 : Pt100 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Pt100 type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 400°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M736-TE/S2-TM1A/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M766-TE/S2-TM1A/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M736-TE/S2R-TM2A/A01	

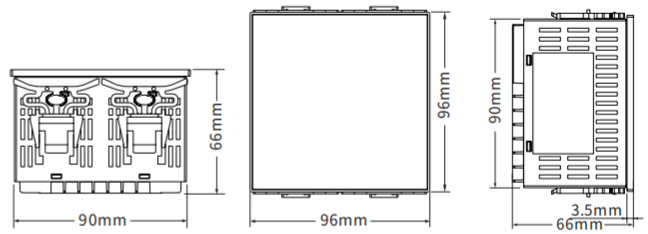
型号规格 Model specification	(深色罩面板) Dark panel
M766-TE/S2R-TM2A/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : RS485 (MODBUS 协议)
◎ 报警输出 : 双继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: RS485 (MODBUS)
◎ Alarm output : Dual relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

M9 □□ - (描述 Description)

外形尺寸 External dimension(mm)
96 高 (H)×96 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
92 高 (H)×92 宽 (B)



智能温控仪表 Intelligent temperature controller

型号规格 Model specification	★ (深色边框面板) Dark border panel
M936-TE/S2-TM1K/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M966-TE/S2-TM1K/A01	

◎ 输入信号 : K 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : 0°C ~ 400°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : K type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : 0°C ~ 400°C
◎ Control mode: PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output: SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M936-TE/S2-TM1P/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M966-TE/S2-TM1P/A01	

◎ 输入信号 : Pt100 型 (热电偶)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 400°C
◎ 控制方式 : PID 控制或位 式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Pt100 type (thermocouple)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 400°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M936-TE/S2-TM1A/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M966-TE/S2-TM1A/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : 无
◎ 报警输出 : 单继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: None
◎ Alarm output : single relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

型号规格 Model specification	★ (深色边框面板) Dark border panel
M966-TE/S2R-TM2A/A01	

型号规格 Model specification	(深色罩面板) Dark panel
M966-TE/S2R-TM2A/A01	

◎ 输入信号 : 多功能兼容输入 (默认 K 型)
热电偶 (E.J.K.S.B) / 热电阻 (Cu50.Pt100)
◎ 供电电源 : AC/DC - 80~260V(开关电源)
◎ 测量范围 : -50°C ~ 1370°C
◎ 控制方式 : PID 控制或位式控制
◎ 通讯功能 : RS485 (MODBUS 协议)
◎ 报警输出 : 双继电器 (触点 AC250V 3A 阻性负载)
◎ 主控输出 : SSR (DC12V) + 开关量输出 (继电器)

◎ Input signal : Multifunctional compatible input (default K type)
Thermocouple (E.J.K.S.B)/ thermal resistor (Cu50.Pt100)
◎ Power supply : AC/DC-80~260V (switching power supply)
◎ Measuring range : -50°C ~ 1370°C
◎ Control mode : PID control or stepping control.
◎ Communication function: RS485 (MODBUS)
◎ Alarm output : Dual relay (contact AC250V 3A resistive load)
◎ Main control output : SSR(DC12V)+ switch output (relay)

选型说明 Selection instructions

M6 37 - A1 / S2 □ - M2 CT / □ A01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①：壳体样式分类 /Housing style classification

②：面板样式分类 /Panel style Classification

③：产品分类 /Product classification

M ：多功能表 Multi-function meter

M1 : 多显表 Multi-display meter

M2 : 电压电流巡显表 Voltage and current patrol meter

A1 : 电流单显表 Current single display meter

V1 : 电压单显表 Voltage single display meter

VA : 电压电流双显表 Voltage and current double display meter

A3 : 三相电流表 Three-phase ammeter

V3 : 三相电压表 Three-phase voltmer

④：工作电源 /Working power supply

电源 (变压器)Power supply (Transformer)

■ T1- AC-220V , 50/60HZ;

■ T2-AC-380V,50/60HZ

开关电源 Switching power supply

■ S1– :AC/DC - 20~60V;

■ S2-AC/DC - 80~260V

⑤：通讯 Communication:

R : RS485（MODBUS 协议）

空置 Blank : 无通讯 Non communication

⑥：控制输出 Control output

T： 主控输出 SSR（DC12V）Main control output SSR (DC12V)

M：主控开关量输出 (继电器) Main control switch output (relay)

V： 电压模拟量输出（0~10V）Voltage analog output (0~10V)

A： 电流模拟量输出（4~20mA）Current analog output (4~20mA)

1： 1 路输出（单继电器）上限输出

1-way output (single relay) upper limit output

2： 2 路输出（双继电器）上限 + 下限输出

2-way output (double relay) upper limit+lower limit output

0 或空置：无控制输出（ 0 or empty: no control output ）

⑦：输入信号 Input signal

CT：电流测量范围 Current measurement range : 0~10A

测量范围可扩展由外接互感器参数决定

The measuring range can be expanded Determined by the parameters of external transformer.

(变比可调 , 默认值为 1）(Variable ratio is adjustable, the default value is 1)

CT1：电流测量范围 Current measurement range:0~100A

测量范围固定外接变比 1000/1 互感器 (变比不可调)

Fixed measuring range External transformer with transformation ratio of1000/1 (Variable ratio is not adjustable)

PT： 电压互感器 (内置) Voltage transformer (built-in)

PT1：电压互感器 (外置) Voltage Transformer (External)

BTS1：分流器 (外置) Current divider (external)

⑧：特殊测量范围备注项 Control output Remarks for special measuring range

互感器外置时 , 此处标注变比值

When the transformer is external, the variable ratio is marked here.

⑨：功能定制备注 Function customization :

功能代码为 3 位组合数 (生产建档备查)

The function code is a 3-bit combination number

仪表使用环境 Working environment

◎ 大气压力：86-106kPa

◎ 相对湿度：45-85%RH

◎ Air pressure：86-106kPa

◎ Relative humidity：45-85%RH

主要技术参数 Main technical parameters

◎ M1 多显表出厂默认为电流表，在电流检测端无信号输入而电压检测端有信号输入时，仪表将自动切换为电压表 , 如两端都有信号输入优选项为电流表。

◎ 仪表最大功耗：6W

◎ 测量输入信号频率范围：10~99.9Hz(出厂默认值)

◎ 采样速率约 100mS

◎ 测量精度 :+0.5%

◎ 环境 : 温度 -30~55°C , 湿度≤ 85%RH 的无腐蚀的场合

◎ 报警输出继电器触点容量 : 3A-AC250V/DC30V

◎ The factory default of M1 multi-display meter is ammeter.When there is no signal input at the current detection end and there is signal input at the voltage detection end, the meter will automatically switch to voltmeter. If there is signal input at both ends, the preferred option is ammeter.

◎ Maximum power consumption of instrument: 6W

◎ Frequency range of measurement input signal: 10~99.9Hz(factory default)

◎ The sampling rate is about: 100mS

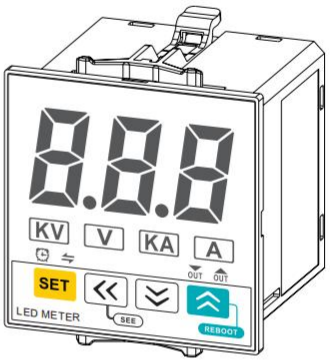
◎ and the measurement accuracy is:+0.5%

◎ Environment: the temperature is -30~55°C and the humidity is ≤ 85%RH without corrosion.

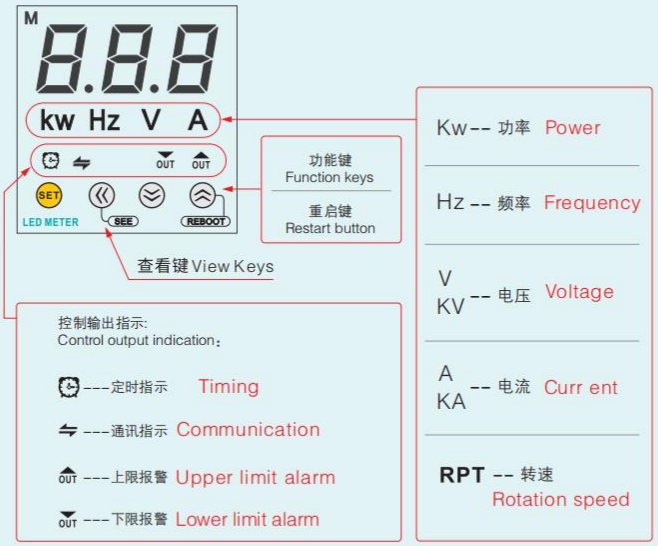
◎ Contact capacity of alarm output relay: 3A-AC250V/DC30V

产品外形及安装开孔尺寸（mm） Product appearance and installing size（mm）

产品规格 Specifications	外形尺寸 External dimension	面板开孔尺寸 Panel hole dimension
	高 × 宽 × 深 Height × width × depth	高 × 宽 Height × width
M2 □□ -	48×48×66	46×46
M5 □□ -	48×96×66	46×92
M6 □□ -	72×72×66	67×67
M8 □□ -	80×80×66	76×76



面板显示及功能区描述 Display and description

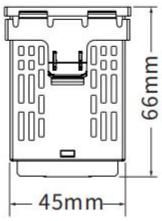


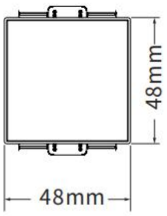
智能数显表
INTELLIGENT DIGITAL DISPLAY METER

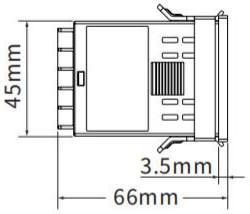
深色边框面板 Dark border panel	深色罩面板 Dark panel
面板样式 Panel style	面板样式 Panel style

M2 □□ - (描述 Description)

外形尺寸 External dimension(mm)
48 高 (H)×48 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
46 高 (H)×46 宽 (B)







智能数显表 Intelligent digital display meter

型号规格 Model specification	电压电流多显表 Multi-display meter
M237-M1/S2-M1CTPT/1-A01	(深色边框面板) Dark border panel

◎ 测试内容：功率、频率、电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 测量输入信号频率范围 :10~99.9Hz(出厂默认值)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：1 路开关量输出 (单继电器)
◎ Test contents: power, frequency, voltage and current
◎ Voltage test range：AC-0~750V
◎ Current test range：0~10A
◎ The measuring range can be expanded It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Measuring input signal frequency range: 10~99.9Hz (factory default)
◎ Power supply: AC/DC - 80~260V
◎ Control output: 1-way switch output (single relay)

型号规格 Model specification	电压电流巡显表 voltage and current patrol meter
M267-M2/S2-CTPT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电压、电流
◎ 电压测试范围 ：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展 , 由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage and current
◎ Voltage test range：AC-0~750V
◎ Voltage test range：AC-0~750V
◎ The measuring range can be expanded.It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电压电流多显表 Multi-display meter
M237-M2/S2-CTPT/1-A01	(深色边框面板) Dark border panel

◎ 测试内容：电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围 ： 0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage and current
◎ Voltage test range：AC-0~750V
◎ Current test range：0~10A
◎ The measuring range can be expanded, It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电压电流巡显表 voltage and current patrol meter
M267-A1/S2-CT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电流
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: Current
◎ Current test range：0~10A
◎ The measuring range can be expanded ,It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电流表 Current single display meter
M267-A1/S2-M1CT/1-A01	(深色罩面板) Dark panel

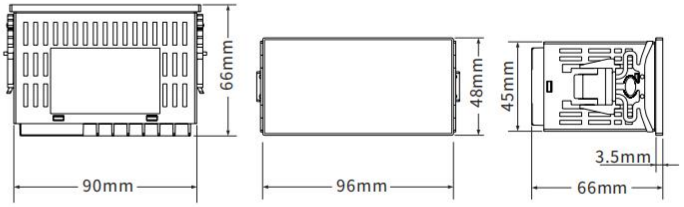
◎ 测试内容：电流
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：1 路开关量输出 (双继电器) 上限 + 下限输出
◎ Test contents: Current
◎ Current test range：0~10A
◎ The measuring range can be expanded, It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: 1-way switch output (double relay) upper limit+lower limit output

型号规格 Model specification	电压表 Voltage single display meter
M267-V1/S2-PT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电压
◎ 电流测试范围：AC-0~750V
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage
◎ Voltage test range：AC-0~750V
◎ The measuring range can be expanded, It is determined by the parameters of external transformer(variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

M5 □□ - (描述 Description)

外形尺寸 External dimension(mm)
48 高 (H)×96 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
46 高 (H)×92 宽 (B)



智能数显表 Intelligent digital display meter

型号规格 Model specification	电压电流多显表 Multi-display meter
M537-M1/S2-M1CTPT/1-A01	(深色边框面板) Dark border panel

◎ 测试内容：功率、频率、电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 测量输入信号频率范围 :10~99.9Hz(出厂默认值)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：1 路开关量输出 (单继电器)
◎ Test contents: power, frequency, voltage and current
◎ Voltage test range：AC-0~750V
◎ Current test range：0~10A
◎ The measuring range can be expanded It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Measuring input signal frequency range: 10~99.9Hz (factory default)
◎ Power supply: AC/DC - 80~260V
◎ Control output: 1-way switch output (single relay)

型号规格 Model specification	电压电流巡显表 voltage and current patrol meter
M567-M2/S2-CTPT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage and current
◎ Voltage test range：AC-0~750V
◎ Voltage test range：AC-0~750V
◎ The measuring range can be expanded.It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电压电流多显表 Multi-display meter
M537-M2/S2-CTPT/1-A01	(深色边框面板) Dark border panel

◎ 测试内容：电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage and current
◎ Voltage test range：AC-0~750V
◎ Current test range：0~10A
◎ The measuring range can be expanded, It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电压电流巡显表 voltage and current patrol meter
M567-A1/S2-CT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电流
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: Current
◎ Current test range：0~10A
◎ The measuring range can be expanded ,It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电流表 Current single display meter
M567-A1/S2-M2CT/1-A01	(深色罩面板) Dark panel

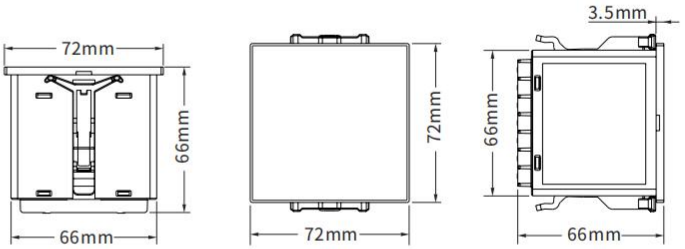
◎ 测试内容：电流
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：2 路开关量输出 (双继电器) 上限 + 下限输出
◎ Test contents: Current
◎ Current test range：0~10A
◎ The measuring range can be expanded, It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: 2-way switch output (double relay) upper limit+lower limit output

型号规格 Model specification	电压表 Voltage single display meter
M567-V1/S2-PT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电压
◎ 电流测试范围：AC-0~750V
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage
◎ Voltage test range：AC-0~750V
◎ The measuring range can be expanded, It is determined by the parameters of external transformer(variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

M6 □□ - （描述 Description）

外形尺寸 External dimension(mm)
72 高 (H)×72 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
67 高 (H)×67 宽 (B)



智能数显表 Intelligent digital display meter

型号规格 Model specification	电压电流多显表 Multi-display meter
M637-M1/S2-M1CTPT/1-A01	（深色边框面板）Dark border panel

◎ 测试内容：功率、频率、电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 测量输入信号频率范围 :10~99.9Hz(出厂默认值)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：1 路开关量输出 (单继电器)
◎ Test contents: power, frequency, voltage and current
◎ Voltage test range：AC-0~750V
◎ Current test range：0~10A
◎ The measuring range can be expanded It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Measuring input signal frequency range: 10~99.9Hz (factory default)
◎ Power supply: AC/DC - 80~260V
◎ Control output: 1-way switch output (single relay)

型号规格 Model specification	电压电流巡显表 voltage and current patrol meter
M667-M2/S2-CTPT/1-A01	（深色罩面板）Dark panel

◎ 测试内容：电压、电流
◎ 电压测试范围 ：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展 , 由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage and current
◎ Voltage test range：AC-0~750V
◎ Voltage test range：AC-0~750V
◎ The measuring range can be expanded.It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电压电流多显表 Multi-display meter
M637-M2/S2-CTPT/1-A01	（深色边框面板）Dark border panel

◎ 测试内容：电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围 ： 0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage and current
◎ Voltage test range：AC-0~750V
◎ Current test range：0~10A
◎ The measuring range can be expanded, It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电压电流巡显表 voltage and current patrol meter
M667-A1/S2-CT/1-A01	（深色罩面板）Dark panel

◎ 测试内容：电流
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: Current
◎ Current test range：0~10A
◎ The measuring range can be expanded ,It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电流表 Current single display meter
M667-A1/S2-M2CT/1-A01	（深色罩面板）Dark panel

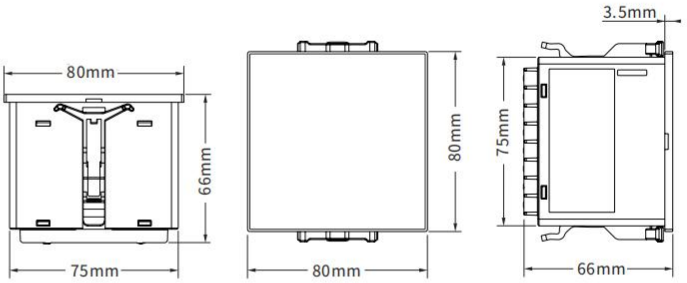
◎ 测试内容：电流
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：2 路开关量输出 (双继电器) 上限 + 下限输出
◎ Test contents: Current
◎ Current test range：0~10A
◎ The measuring range can be expanded, It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: 2-way switch output (double relay) upper limit+lower limit output

型号规格 Model specification	电压表 Voltage single display meter
M667-V1/S2-PT/1-A01	（深色罩面板）Dark panel

◎ 测试内容：电压
◎ 电流测试范围：AC-0~750V
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage
◎ Voltage test range：AC-0~750V
◎ The measuring range can be expanded, It is determined by the parameters of external transformer(variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

M8 □□ - (描述 Description)

外形尺寸 External dimension(mm)
80 高 (H)×80 宽 (B)×66 深 (D)
面板开孔尺寸 Panel hole dimension(mm)
76 高 (H)×76 宽 (B)



智能数显表 Intelligent digital display meter

型号规格 Model specification	电压电流多显表 Multi-display meter
M837-M1/S2-M1CTPT/1-A01	(深色边框面板) Dark border panel

◎ 测试内容：功率、频率、电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 测量输入信号频率范围 :10~99.9Hz(出厂默认值)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：1 路开关量输出 (单继电器)
◎ Test contents: power, frequency, voltage and current
◎ Voltage test range：AC-0~750V
◎ Current test range：0~10A
◎ The measuring range can be expanded It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Measuring input signal frequency range: 10~99.9Hz (factory default)
◎ Power supply: AC/DC - 80~260V
◎ Control output: 1-way switch output (single relay)

型号规格 Model specification	电压电流巡显表 voltage and current patrol meter
M867-M2/S2-CTPT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage and current
◎ Voltage test range：AC-0~750V
◎ Voltage test range：AC-0~750V
◎ The measuring range can be expanded.It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电压电流多显表 Multi-display meter
M837-M2/S2-CTPT/1-A01	(深色边框面板) Dark border panel

◎ 测试内容：电压、电流
◎ 电压测试范围：AC-0~750V
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage and current
◎ Voltage test range：AC-0~750V
◎ Current test range：0~10A
◎ The measuring range can be expanded, It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电压电流巡显表 voltage and current patrol meter
M867-A1/S2-CT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电流
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: Current
◎ Current test range：0~10A
◎ The measuring range can be expanded ,It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1).
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号规格 Model specification	电流表 Current single display meter
M867-A1/S2-M2CT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电流
◎ 电流测试范围：0~10A
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：2 路开关量输出 (双继电器) 上限 + 下限输出
◎ Test contents: Current
◎ Current test range：0~10A
◎ The measuring range can be expanded, It is determined by the parameters of external transformer (variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: 2-way switch output (double relay) upper limit+lower limit output

型号规格 Model specification	电压表 Voltage single display meter
M867-V1/S2-PT/1-A01	(深色罩面板) Dark panel

◎ 测试内容：电压
◎ 电流测试范围：AC-0~750V
◎ 测量范围可扩展，由外接互感器参数决定 (变比可调 , 默认值为 1)
◎ 供电电源 : AC/DC - 80~260V
◎ 控制输出：无输出
◎ Test contents: voltage
◎ Voltage test range：AC-0~750V
◎ The measuring range can be expanded, It is determined by the parameters of external transformer(variable ratio is adjustable, the default value is 1)
◎ Power supply: AC/DC - 80~260V
◎ Control output: no-output

型号及含义 Model and meaning

◎ 采用高亮 LED 发光源
◎ 警报喇叭声可多样性选择且带延时关闭功能
◎ 多功能一体式可自由选择显示方式
◎ 单个独立体模组式可自由拼装
◎ 可定制防护等级 IP65 以适应特殊工作环境

◎ Using bright LED light source
◎ The alarm horn can be selected in a variety of ways and has a delay shutdown function
◎ Multi-functional integrated type can freely choose the display mode
◎ Single independent module can be assembled freely
◎ Protection grade IP65 can adapt to special working environment

选型说明 Selection instructions

AL □□ - R□Y□G□B□W□ M□ - 23 P □ Y

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

①：警灯系列 Police light series

②：外形尺寸及样式 Dimensions and styles

50：50 模组式	50:50 modular
50E：50 经济模式	50E: 50 Economic Model
70：70 模组式	70:70 modular
70E：70 经济模式	70E: 70 Economic Mode
702：70 平装	702:70 Paperback
702E：70 平装 (经济型)	702E: 70 paperbacks (economy)
701：70 单灯式	701: 70 single lamp type
701E：70 单灯式 (经济型)	701E: 70 single lamp type (economical type)
801：80 单灯式	801: 80 single lamp type
901：90 单灯式	901: 90 single lamp type

③：灯塔自上而下每一段发光颜色
Each section of the lighthouse glows in color from top to bottom

● R:red ● G:green ● Y:yellow ○ W:white ● B:blue

颜色后面带数字：	Colors followed by numbers:
1：常亮	1: always on
2：转亮	2: brighten
3：爆闪	3: Strobe

无数字代表普通闪亮
No number means ordinary shiny

经济型只有“常亮”和“闪亮”两种发光模式
The economic type only has two light modes of "steady light" and "flashing"

④：

M：带蜂鸣器	M: with buzzer
MD：独立蜂鸣器	MD: independent buzzer
M 后面带数字	number after M
1：连续叫	1: Consecutive bidding
2：间断叫	2: intermittent call
3：间断叫延时关闭	3: Intermittent call delay off
无数字代表间断叫	No number means intermittent call

⑤：电压 Voltage

AC.DC- 22：12V	AC- 30：110V
23：24V	31：220V
24：36V	32：380V
25：48V	

⑥：

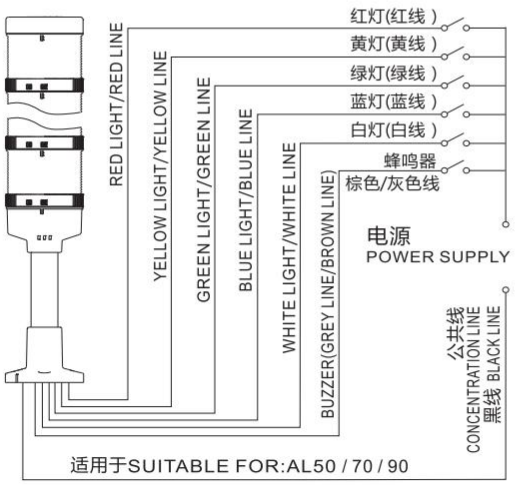
P: 竖装座	Vertical seat
Z: 可折叠万向底座	Foldable universal base
C: 侧向安装基座	Side mount base
无字母 平装底座	No letter Paperback base

⑦：AL50 立杆尺寸 Pole size (mm)
1-87/2-142/3-242

AL70/90 立杆尺寸 /Pole size (mm)
1-58/2-88/3-118/4-168/5-218/6-268/7-318

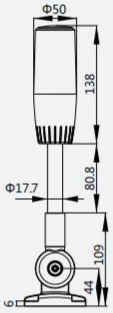
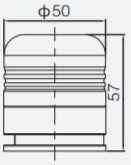
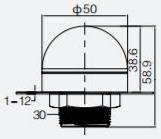
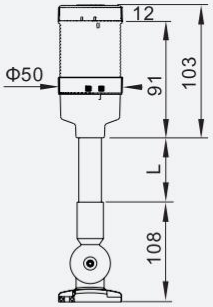
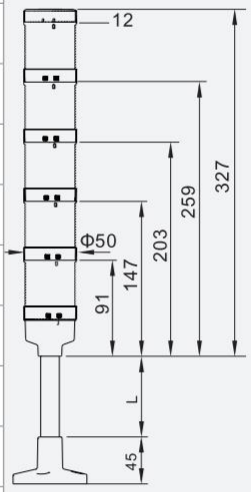
⑧：Y 增加预装底座 Adds a pre-installed baseseries

接线图 Wiring diagram



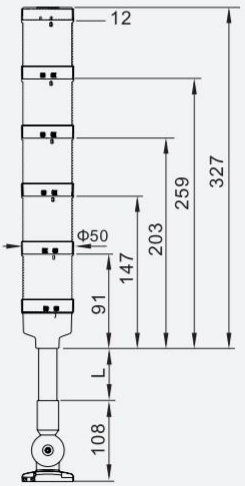
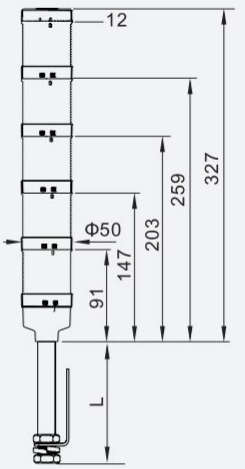
LED 发光形式 LED lighting form

★ 为定制产品

样式 style	描述 describe		型号 model	尺寸 size
AL50 系列  折叠座 folding seat	单节多色 (无蜂鸣器) Single section multi-color (no buzzer) AC/DC20V	折叠座 folding seat	AL502-RYG-23Z2	
	单节多色 (有蜂鸣器) Single section multi-color (with buzzer) AC/DC20V	侧装座 Side mount	AL502-RYGM-23Z2	
 平装座 Paperback base	圆头多色 (无蜂鸣器) Round head multicolor (Without buzzer) AC/DC 24V	平装座 Paperback base	AL503-RYG-23	
	圆头多色 (带蜂鸣器) Round head multicolor (With buzzer) AC/DC 24V		AL503-RYGM-23	
 平装座 Paperback base	圆头多色 (无蜂鸣器) Round head multicolor (Without buzzer) AC/DC 24V	平装座 Paperback base	AL505-RYG-23	
	圆头多色 (带蜂鸣器) Round head multicolor (With buzzer) AC/DC 24V		AL505-RYGM-23	
 竖装座 vertical seat	单节多色 (无蜂鸣器) Single section multi-color (no buzzer) AC/DC20V	竖装座 vertical seat	AL501-RGB-23P2 ★	
		折叠座 folding seat	AL501-RGB-23Z2 ★	
		侧装座 Side mount	AL501-RGB-23C3 ★	
	单节多色 (有蜂鸣器) Single section multi-color (with buzzer) AC/DC20V	竖装座 vertical seat	AL501-RGBM-23P2 ★	
		折叠座 folding seat	AL501-RGBM-23Z2 ★	
		侧装座 Side mount	AL501-RGBM-23C3 ★	
AL50 系列 	竖装座 (无蜂鸣器) Vertical mount (without buzzer) AC220V	1 节红色 1Layer red	AL50-R-31P2	
		2 节红 . 绿 2Layer R.G	AL50-RG-31P2	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL50-RYG-31P2	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL50-RYGB-31P2	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL50-RYGBW-31P2	
	竖装座 (有蜂鸣器) Vertical mount (with buzzer) AC/DC20V	1 节红色 1Layer red	AL50-RM-23P2	
		2 节红 . 绿 2Layer R.G	AL50-RGM-23P2	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL50-RYGM-23P2	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL50-RYGBM-23P2	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL50-RYGBWM-23P2	

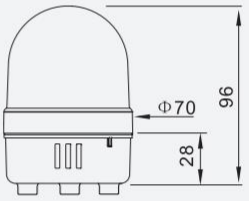
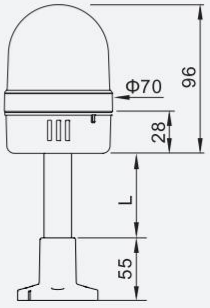
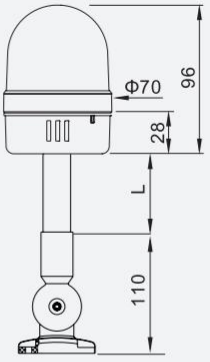
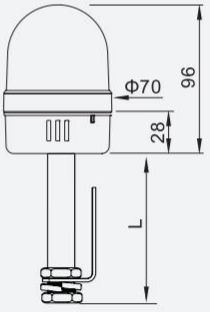
注：出厂默认配置为发光单元“红灯、黄灯”闪亮，”绿灯、蓝灯、白灯”常亮；“蜂鸣器”间断响：壳体分黑色和白色两种，不同型号默认颜色不同，如有要求请在下单时另行注明。

Note: The factory default configuration is the light unit "red light, yellow light" shining, "green light, blue light, white light" on; "Buzzer" intermittent sound: The case is divided into black and white. The default color is different for different models. Please specify separately when placing an order if required.

样式 style	描述 describe		型号 model	尺寸 size
AL50 系列  侧装座 Side mounting base	无蜂鸣器 Without buzzer AC 220V	1 节红色 1Layer red	AL50-R-31Z2	
		2 节红 . 绿 2Layer R.G	AL50-RG-31Z2	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL50-RYG-31Z2	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL50-RYGB-31Z2	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL50-RYGBW-31Z2	
	有蜂鸣器 With buzzer AC/DC 24V	1 节红色 1Layer red	AL50-RM-23Z2	
		2 节红 . 绿 2Layer R.G	AL50-RGM-23Z2	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL50-RYGM-23Z2	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL50-RYGBM-23Z2	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL50-RYGBWM-23Z2	
AL50 系列  侧装座 Side mounting base	无蜂鸣器 Without buzzer AC 220V	1 节红色 1Layer red	AL50-R-31C3	
		2 节红 . 绿 2Layer R.G	AL50-RG-31C3	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL50-RYG-31C3	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL50-RYGB-31C3	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL50-RYGBW-31C3	
	有蜂鸣器 With buzzer AC/DC 24V	1 节红色 1Layer red	AL50-RM-23C3	
		2 节红 . 绿 2Layer R.G	AL50-RGM-23C3	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL50-RYGM-23C3	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL50-RYGBM-23C3	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL50-RYGBWM-23C3	

注：出厂默认配置为发光单元“红灯、黄灯”闪亮，”绿灯、蓝灯、白灯”常亮；“蜂鸣器”间断响：壳体分黑色和白色两种，不同型号默认颜色不同，如有要求请在下单时另行注明。

Note: The factory default configuration is the light unit "red light, yellow light" shining, "green light, blue light, white light" on; "Buzzer" intermittent sound: The case is divided into black and white. The default color is different for different models. Please specify separately when placing an order if required.

样式 style	描述 describe		型号 model	尺寸 size
AL701 系列	圆头红色（无蜂鸣器） Round head red (Without buzzer) AC220V	平装座 Paperback base	AL701-R-31	
	圆头红色（带蜂鸣器） Round head red (With buzzer) AC220V	平装座 Paperback base	AL701-RM-31	
	圆头多色（无蜂鸣器） Round head multicolor (Without buzzer) AC/DC 24V	平装座 Paperback base	AL701-RGB-23	
	圆头多色（带蜂鸣器） Round head multicolor (With buzzer) AC/DC 24V	平装座 Paperback base	AL701-RGBM-23	
AL701 系列	圆头红色（无蜂鸣器） Round head red (Without buzzer) AC220V	竖装座 Vertical base	AL701-R-31P4	
		折叠座 Collapsible Universal base	AL701-R-31Z4	
		侧装座 Side mounting base	AL701-R-31C5	
	圆头红色（带蜂鸣器） Round head red (With buzzer) AC220V	竖装座 Vertical base	AL701-RM-31P4	
		折叠座 Collapsible Universal base	AL701-RM-31Z4	
		侧装座 Side mounting base	AL701-RM-31C5	
	圆头多色（无蜂鸣器） Round head multicolor (Without buzzer) AC/DC 24V	竖装座 Vertical base	AL701-RGB-23P4	
		折叠座 Collapsible Universal base	AL701-RGB-23Z2	
		侧装座 Side mounting base	AL701-RGB-23C5	
	圆头多色（无蜂鸣器）ound head multicolor (Without buzzer) AC/DC 24V	竖装座 Vertical base	AL701-RGBM-23P2	
		折叠座 Collapsible Universal base	AL701-RGBM-23Z2	
		侧装座 Side mounting base	AL701-RGBM-23C5	

平装座
Paperback base

侧装座
Side mounting base

竖装座
Vertical base

折叠座
Collapsible Universal base

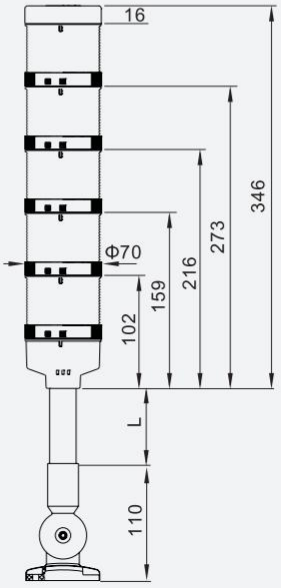
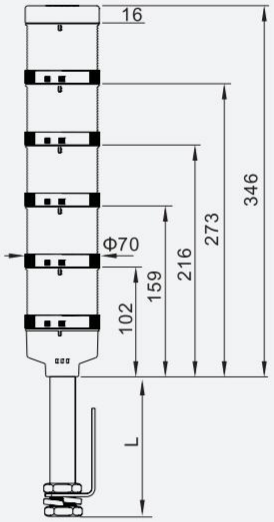
注：出厂默认配置为发光单元“红灯、黄灯”闪亮，”绿灯、蓝灯、白灯”常亮；“蜂鸣器”间断响：壳体分黑色和白色两种，不同型号默认颜色不同，如有要求请在下单时另行注明。

Note: The factory default configuration is the light unit "red light, yellow light" shining, "green light, blue light, white light" on; "Buzzer" intermittent sound: The case is divided into black and white. The default color is different for different models. Please specify separately when placing an order if required.

样式 style	描述 describe		型号 model	尺寸 size
AL70 系列	平装座 (无蜂鸣器) Paperback base (Without buzzer) AC 220V	1 节红色 1Layer red	AL702-R-31	
		2 节红 . 绿 2Layer R.G	AL702-RG-31	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL702-RYG-31	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL702-RYGB-31	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL702-RYGBW-31	
	装座 (有蜂鸣器) Paperback base (With buzzer) AC/DC 24V	1 节红色 1Layer red	AL702-RM-23	
		2 节红 . 绿 2Layer R.G	AL702-RGM-23	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL702-RYGM-23	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL702-RYGBM-23	
平装座 Paperback base		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL702-RYGBWM-23	
AL70 系列	竖装座 (无蜂鸣器) Vertical base(Without buzzer) AC 220V	1 节红色 1Layer red	AL70-R-31P4	
		2 节红 . 绿 2Layer R.G	AL70-RG-31P4	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL70-RYG-31P4	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL70-RYGB-31P4	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL70-RYGBW-31P4	
	竖装座 (有蜂鸣器) Vertical base(With buzzer) AC/DC 24V	1 节红色 1Layer red	AL70-RM-23P4	
		2 节红 . 绿 2Layer R.G	AL70-RGM-23P4	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL70-RYGM-23P4	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL70-RYGBM-23P4	
竖装座 Vertical base		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL70-RYGBWM-23P4	

注：出厂默认配置为发光单元“红灯、黄灯”闪亮，”绿灯、蓝灯、白灯”常亮；“蜂鸣器”间断响：壳体分黑色和白色两种，不同型号默认颜色不同，如有要求请在下单时另行注明。

Note: The factory default configuration is the light unit "red light, yellow light" shining, "green light, blue light, white light" on; "Buzzer" intermittent sound: The case is divided into black and white. The default color is different for different models. Please specify separately when placing an order if required.

样式 style	描述 describe		型号 model	尺寸 size
AL70 系列  折叠座 Collapsible Universal base	无蜂鸣器 Without buzzer AC 220V	1 节红色 1Layer red	AL70-R-31Z4	
		2 节红 . 绿 2Layer R.G	AL70-RG-31Z4	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL70-RYG-31Z4	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL70-RYGB-31Z4	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL70-RYGBW-31Z4	
	有蜂鸣器 With buzzer AC/DC 24V	1 节红色 1Layer red	AL70-RM-23Z4	
		2 节红 . 绿 2Layer R.G	AL70-RGM-23Z4	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL70-RYGM-23Z4	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL70-RYGBM-23Z4	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL70-RYGBWM-23Z4	
AL70 系列  侧装座 Side mounting base	无蜂鸣器 Without buzzer AC 220V	1 节红色 1Layer red	AL70-R-31C5	
		2 节红 . 绿 2Layer R.G	AL70-RG-31C5	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL70-RYG-31C5	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL70-RYGB-31C5	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL70-RYGBW-31C5	
	有蜂鸣器 With buzzer AC/DC 24V	1 节红色 1Layer red	AL70-RM-23C5	
		2 节红 . 绿 2Layer R.G	AL70-RGM-23C5	
		3 节红 . 黄 . 绿 3Layer R.Y.G	AL70-RYGM-23C5	
		4 节红 . 黄 . 绿 . 蓝 4Layer R.Y.G.B	AL70-RYGBM-23C5	
		5 节红 . 黄 . 绿 . 蓝 . 白 5Layer R.Y.G.B.W	AL70-RYGBWM-23C5	

注：出厂默认配置为发光单元“红灯、黄灯”闪亮，”绿灯、蓝灯、白灯”常亮；“蜂鸣器”间断响：壳体分黑色和白色两种，不同型号默认颜色不同，如有要求请在下单时另行注明。

Note: The factory default configuration is the light unit "red light, yellow light" shining, "green light, blue light, white light" on; "Buzzer" intermittent sound: The case is divided into black and white. The default color is different for different models. Please specify separately when placing an order if required.

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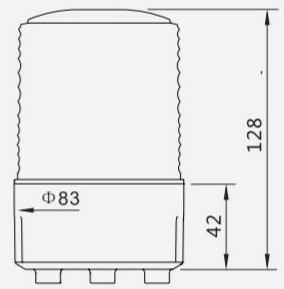
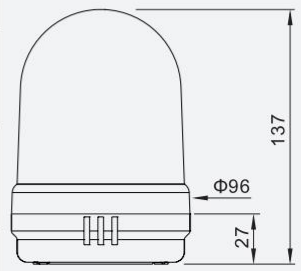
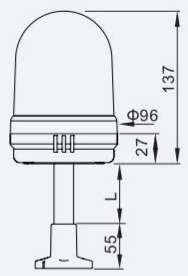
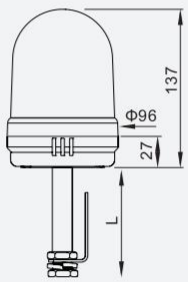
样式 style	描述 describe		型号 model	尺寸 size
AL801 系列  平装座 Paperback base	红色 (无蜂鸣器) Red(Without buzzer) AC220V		AL801-R-31 ★	
	红色 (带蜂鸣器) Red(With buzzer) AC220V		AL801-RM-31 ★	
	多色 (无蜂鸣器) Multicolor (Without buzzer) AC/DC 24V		AL801-RGB-23	
	多色 (带蜂鸣器) Multicolo r (With uzzer) AC/DC 24V		AL801-RGBM-23	
AL901 系列  平装座 Paperback base	红色 (无蜂鸣器) Red (Without buzzer) AC220V		AL901-R-31	
	红色 (带蜂鸣器) Red (With buzzer) AC220V		AL901-RM-31	
	多色 (无蜂鸣器) Multicolor(Without buzzer) AC/DC 24V		AL901-RGB-23	
	多色 (带蜂鸣器) Multicolor (With buzzer) AC/DC 24V		AL901-RGBM-23	
AL901 系列  侧装座 Side mounting base 竖装座 Vertical base	圆头红色 (无蜂鸣器) Round head red (Without buzzer) AC220V	竖装座 Vertical base	AL901-R-31P4	
		折叠座 Collapsible Universal base	AL901-R-31Z4	
		侧装座 Side mounting base	AL901-R-31C5	
	圆头红色 (带蜂鸣器) Round head red (With buzzer) AC220V	竖装座 Vertical base	AL901-RM-31P4	
		折叠座 Collapsible Universal base	AL901-RM-3124	
		侧装座 Side mounting base	AL901-RM-31C5	
	圆头多色 (无蜂鸣器) Round head multicolor (Without buzzer)	竖装座 Vertical base	AL901-RGB-23P4	
		折叠座 Collapsible Universal base	AL901-RGB-23Z2	
		侧装座 Side mounting base	AL901-RGB-23C5	
	圆头多色 (带蜂鸣器) Round head multiclor (With buzzer) AC/DC 24V	竖装座 Vertical base	AL901-RGBM-23P2	
		折叠座 Collapsible Universal base	AL901-RGBM-23Z2	
		侧装座 Side mounting base	AL901-RGBM-23C5	

注：出厂默认配置为发光单元“红灯、黄灯”闪亮，”绿灯、蓝灯、白灯”常亮；“蜂鸣器”间断响：壳体分黑色和白色两种，不同型号默认颜色不同，如有要求请在下单时另行注明。

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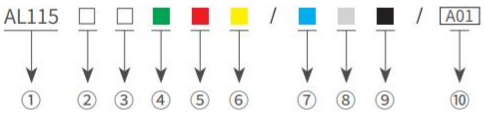
样式 Product style	型号 model
	AL50E-G-31D 经济型
	AL50-G-31D 多功能
	AL70E-R-31D 经济型
	AL70-R-31D 多功能
	AL50-MD 独立蜂鸣器高分贝
	AL70-MD 独立蜂鸣器高分贝
	AL50-CZ-Z
	AL70-CZ-Z
	AL70-CZ
	AL701-CZ
	AL901-CZ

样式 Product style	型号 model	
	AL50-SZ	
	AL50-ZZ	
	AL70-ZZ	
	AL70-SZ	
	AL50-P1	(87mm)
	AL50-P2	(142mm)
	AL50-P3	(242mm)
	AL50-C3	(242mm)
	AL70-P1	(58mm)
	AL70-P2	(88mm)
	AL70-P3	(118mm)
	AL70-P4	(168mm)
	AL70-P5	(218mm)
	AL70-P6	(268mm)
	AL70-P7	(318mm)
	AL70-C5	(218mm)

注：出厂默认配置为发光单元“红灯、黄灯”闪亮，”绿灯、蓝灯、白灯”常亮；“蜂鸣器”间断响：壳体分黑色和白色两种，不同型号默认颜色不同，如有要求请在下单时另行注明。

Note: The factory default configuration is the light unit "red light, yellow light" shining, "green light, blue light, white light" on; "Buzzer" intermittent sound: The case is divided into black and white. The default color is different for different models. Please specify separately when placing an order if required.

型号及含义 Model and meaning



①：按钮开关型号 Push button code
②：设计序号 Design serial number
③：头部类型 Operators
④：表示常开触头 NO contact
⑤：表示常闭触头 NC contact
⑥：表示机械形式 Mechanical form

字母 letter	含义 Implication
BN	平钮 F lush push button
D	带灯钮 llluminatad push button
T	自锁钮 Maintained push button
TD	带灯自锁钮 llluminated Maintained push button
M	蘑菇钮 Mushraam push button
MD	带灯蘑菇钮 lllumlnated Mushroom button
MT	自锁蘑菇钮 M aintained Mushraom buttan
MTD	带灯自锁蘑菇钮 lllumlnated Maintalned Mush room button
ZS	急停钮 Emergency stop button
Y	二位钥匙钮 2-Posltion keltlock selector
YS	三位钥匙钮 3-Posltion keltlock selector
X	短柄二档旋钮 2-Position short levar selector
XD	带灯短柄二档旋钮 lluminated 2-Position short lever selector
XS	短柄三档旋钮 3-Position short lewr salector
XSD	带灯短柄三档旋钮 lluminated 3-Pasition shart laver seleclor
CX	长柄二档旋钮 2-Posmon long lewr selector
CXD	带灯长柄二档旋钮 l llumlnated 2-Posltlon long lever selector
CXS	长柄三档旋钮 3-Positionlong laver seleclor
CXSD	带灯长柄三档旋钮 lluminated 3-PoSition long lever selector
R	双位钮 Dual push button
RD	带灯双位钮 lluminatad dualpush button
H	高位钮 Extended push button
HD	带灯高位钮 lllumlnated axtended push button
HT	自锁高位钮 Maintainad extanded push button
HTD	带灯自锁高位钮 UILrninatad Maintahed extended push button
HF	高平钮 Higher flush button
B	平钮带符号 Flush button marked
E	ϕ30 平钮 (适用于 ϕ22 -ϕ30 孔径) ϕ30 Flush button (Suitable forϕ22 to ϕ30 mounting hole)

⑦：表示颜色及旋钮钥匙钮动作功能和拔出位置
Color,selector button and keylock button operation function and pulling out positiin

红	绿	黄	蓝	白	黑
R	G	Y	B	W	K

动作功能 spring return action		
f	fu	ffu
左自复 left to centre	右自复 right to centre	左右自复 Left-right to centre

⑧：电压 (Voltage)

21-DC.AC 6V	26-DC.AC 110V
22-DC.AC 12V	27-DC.AC 127V
23-DC.AC 24V	28-DC 220V
24-DC.AC 36V	31-AC 220V
25-DC.AC 48V	32-AC 380V

⑨：标志钮符号代码 (Code of push button symbol)

⑩ A、B、C、D、E 字母开头为产品换代编号
The letter A、B、C、D、E begins with the poduot ecnmem number
I、P、K 字母开头为定制产品代码
The letter T、P、K begins with the customized product code

使用环境条件 Wor King Environment

周围空气温度 -25°C ~+40°C；Ambient air temperature -25°C ~+40°C.
海拔高度≤ 2000m; Altitude: ≤ 2000m.
空气相对湿度≤ 90%；Relative air humidity: ≤ 90%.
污染等级 3 级； Pollution degree:class 3.
防护等级 IP40/IP65; Protection degree:IP40/IP65.

主要技术参数 Main Technical Parameter

开关额定值 Rated value of switch:
AC-15 36V/10A 110V/10A 220V/5A 380V/2.7A 660V/1.8A
DC-13 24V/4A 48V/4A 110V/2A 220W/1A 440V/0.6A
约定发热电流 Conventional thermal current: lth 10A.
触点电阻 Contact resistance: ≤ 50mΩ
绝缘电阻 Insulation resistance: ≥ 10MΩ
机械寿命 Mechanicaldurabiltiy:
一般钮 Common push-button ≥ $100x10^4$ 次 times;
旋钮 Selector button ≥ $30x10^4$ 次 times.
钥匙钮 Key push-button ≥ $5x10^4$ 次 times;
紧急钮 Emergency push-button ≥ $5x10^4$ 次 times.

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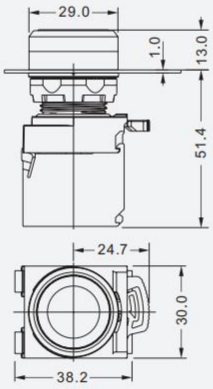
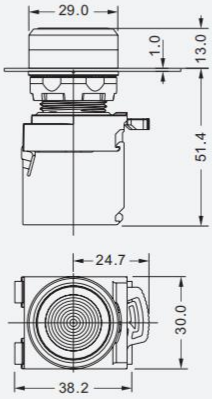
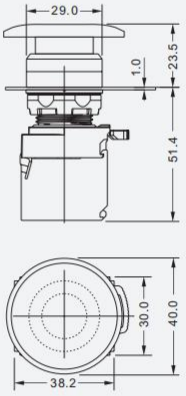
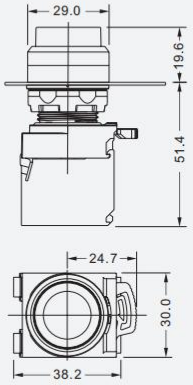
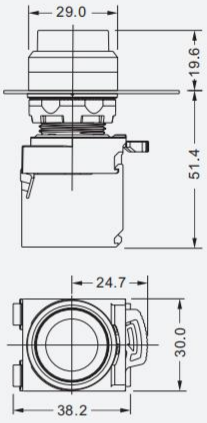
描述 describe		尺寸 size
		
LA115-A5-01BN/A01 LA115-A5-10BN/A01 LA115-A5-11BN/A01 自复型 Momentary	1NC 1NO 1NO+1NC	
LA115-A5-01T/A01 LA115-A5-10T/A01 LA115-A5-11T/A01 自锁型 Maintained	1NC 1NO 1NO+1NC	
		
LA115-A5-01D/A01 LA115-A5-10D/A01 LA115-A5-11D/A01 带灯自复型 Momentary Illuminated	1NC+D 1NO+D 1NO+1NC+D	
LA115-A5-01TD/A01 LA115-A5-10TD/A01 LA115-A5-11TD/A01 带灯自锁型 Maintained Illuminated	1NC+D 1NO+D 1NO+1NC+D	
★ 字符可定制 		
LA115-A5-01B/A01 LA115-A5-10B/A01 自复型 Momentary	1NC 1NO	
LA115-A5-01TB/A01 自锁型 Maintained	1NC	
LA115-A5-11BD/A01 带灯自复型 Momentary Illuminated	1NO+1NC+D	
LA115-A5-11BTD/A01 带灯自锁型 Maintained Illuminated	1NO+1NC+D	

描述 describe		尺寸 size
		
LA115-A5-01M/A01 LA115-A5-10M/A01 LA115-A5-11M/A01 自复型 Momentary	1NC 1NO 1NO+1NC	
LA115-A5-01MT/A01 LA115-A5-10MT/A01 LA115-A5-11MT/A01 自锁型 Maintained	1NC 1NO 1NO+1NC	
		
LA115-A5-01H/A01 LA115-A5-10H/A01 LA115-A5-11H/A01 自复型 Momentary	1NC 1NO 1NO+1NC	
LA115-A5-01HT/A01 LA115-A5-10HT/A01 LA115-A5-11HT/A01 自锁型 Maintained	1NC 1NO 1NO+1NC	
		
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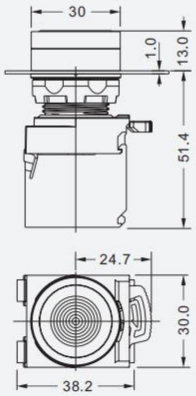
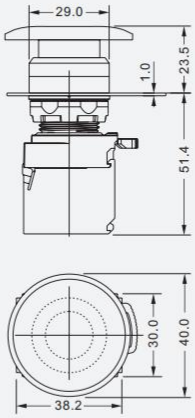
LA115-A5-01HTD/A01 LA115-A5-10HTD/A01 LA115-A5-11HTD/A01 带灯自锁型 Maintained Illuminated	1NC+D 1NO+D 1NO+1NC+D	

描述 describe		尺寸 size
		
LA115-A5-01HF/A01 LA115-A5-10HF/A01 自复型 Momentary	1NC 1NO	
LA115-A5-01HFT/A01 自锁型 Maintained	1NC	
LA115-A5-11HFD/A01 带灯自复型 Momentary lluminated	1NO+1NC+D	
LA115-A5-11HFTD/A01 带灯自锁型 Maintained lluminated	1NO+1NC+D	
		
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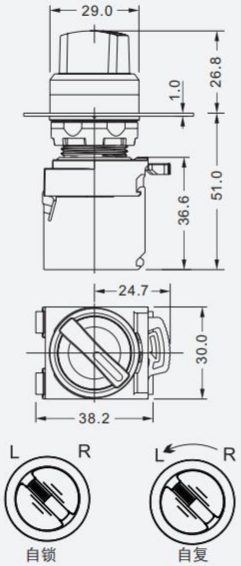
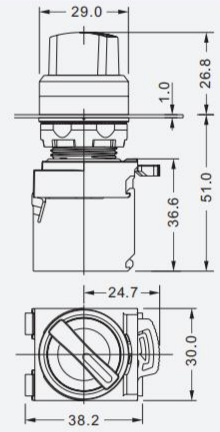
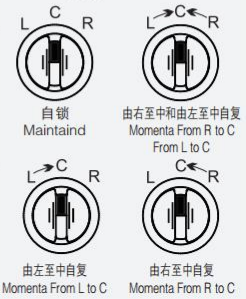
LA115-A5-01MTD/A01 LA115-A5-10MTD/A01 LA115-A5-11MTD/A01 带灯自锁型 Maintained lluminated	1NC 1NO+D 1NO+1NC+D	
		
LA115-A5-10X/A01 LA115-A5-11X /A01 二档自锁型 Maintained 2-Position	1NO 1NO+1NC	
LA115-A5-10X/FU/A01 LA115-A5-11X/FU/A01 二档自复型 Momentary 2-Position	1NO 1NO+1NC	
LA115-A5-20XS/A01 LA115-A5-11XS/A01 三档自锁型 Momentary3-Position	2NO 1NO+1NC	
LA115-A5-20XS/FFU/A01 LA115-A5-11XS/FFU/A01 三档自复型 Momentary3-Position	2NO 1NO+1NC	

描述 describe		尺寸 size
		
LA115-A5-10XD/A01 LA115-A5-11XD /A01 二档带灯自锁型 Maintained lluminated 2-Position	1NO+D 1NO+1NC+D	
LA115-A5-10XD/FU/A01 LA115-A5-11XD/FU/A01 二档带灯自复型 Momentary lluminated 2-Position	1NO+D 1NO+1NC+D	
LA115-A5-20XSD/A01 LA115-A5-11XSD/A01 三档带灯自锁型 Momentary lluminated 3-Position	2NO+D 1NO+1NC+D	
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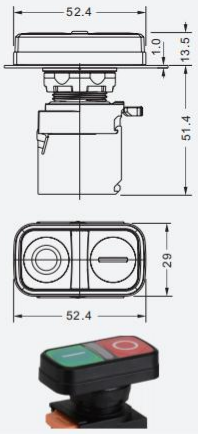
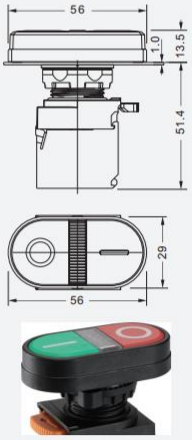
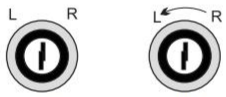
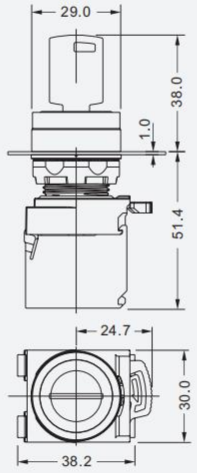
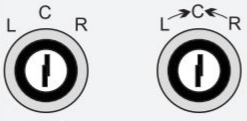
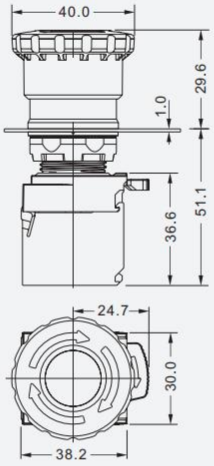
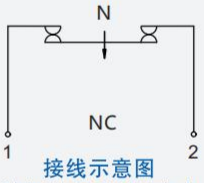
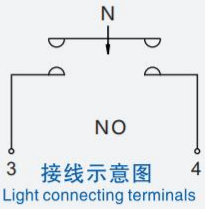
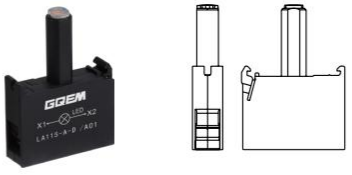
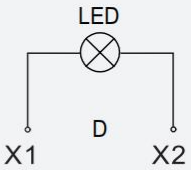
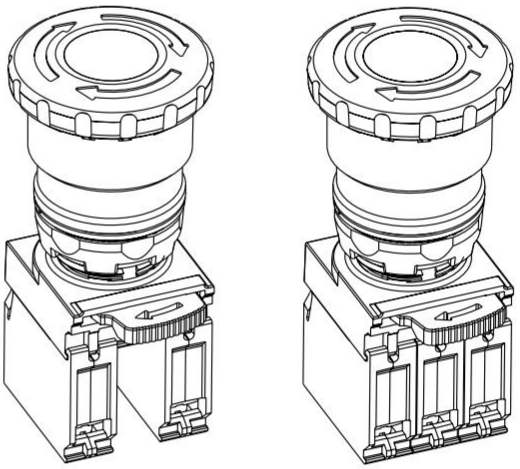
		
LA115-A5-11R1/A01 自复型 Momentary	1NO+1NC	
LA115-A5-11RD1/A01 带灯自复型 Momentary lluminated	1NO+1NC+D	
		
LA115-A5-11R6/A01 自复型 Momentary	1NO+1NC	
LA115-A5-11RD6/A01 带灯自复型 Momentary lluminated	1NO+1NC+D	

★ 为定制产品

描述 describe		尺寸 size
  自锁 Maintained　自复 Momentary		
LA115-A5-10Y/A01 LA115-A5-11Y/A01 二档自锁型 Maintained 2-Position	1NO 1NO+1NC	
LA115-A5-10Y/FU/A01 LA115-A5-11Y/FU/A01 二档自复型 Momentary 2-Position	1NO 1NO+1NC	
		 自锁 Maintaind　由右至中和由左至中自复 Momenta From R to C From L to C
LA115-A5-20YS/A01 LA115-A5-11YS/A01 三档自锁型 Momentary3-Position	2NO 1NO+1NC	
LA115-A5-20YS/FU/A01 三档自复型 Momentary3-Position	2NO	 由左至中自复 Momenta From L to C　由右至中自复 Momenta From R to C
		
LA115-A5-01ZS/A01 LA115-A5-11ZS/A01 旋转释放 Twist Release	1NC 1NO+1NC	
LA115-A5-01ZTD/A01 ★ LA115-A5-11ZTD/A01 ★ 带灯旋转释放 Twist Release Illuminated	1NC 1NO+1NC	
LA115-A5-01ZT/A01 ★ LA115-A5-11ZT/A01 ★ 不带灯型 Non-illuminated	1NC 1NO+1NC	

描述 describe		尺寸 size
		 接线示意图 Light connecting terminals
LA115-A-01/A01 常闭触点模块 Contact block	NC	
		 接线示意图 Light connecting terminals
LA115-A-10/A01 常开触点模块 Contact block	NO	
		 接线示意图 Light connecting terminals
LA115-A-D/A01 一体式 LED 灯座 Integrated lamp block		



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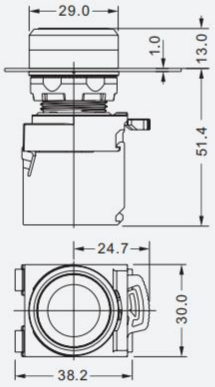
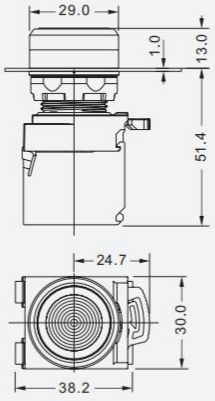
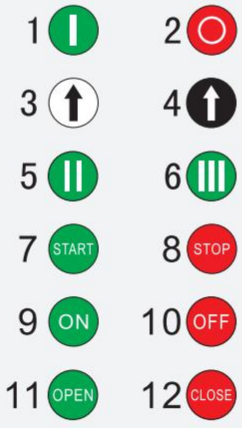
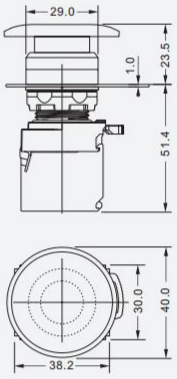
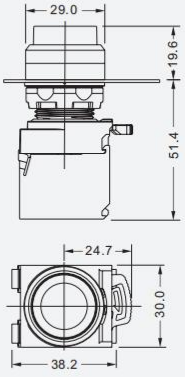
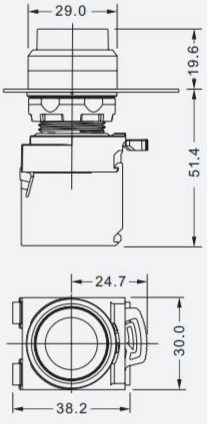
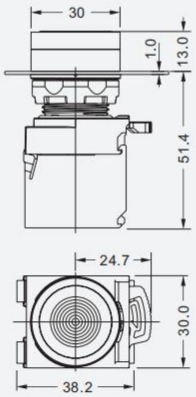
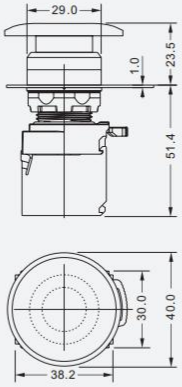
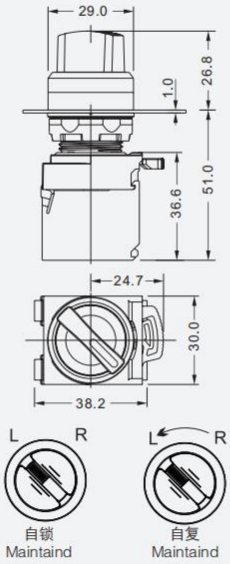
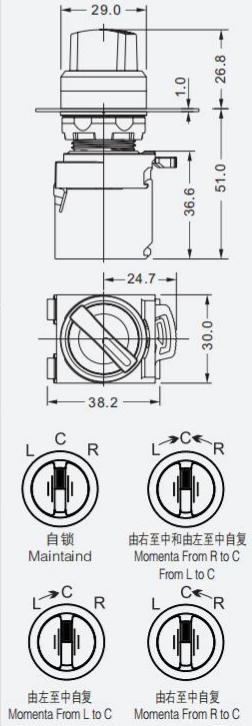
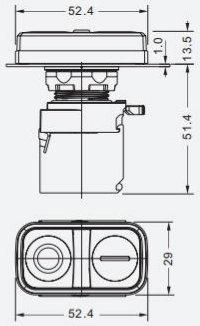
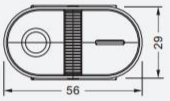
描述 describe		尺寸 size
		
LA115-B5-01BN/A01 LA115-B5-10BN/A01 LA115-B5-11BN/A01 自复型 Momentary	1NC 1NO 1NO+1NC	
LA115-B5-01T/A01 LA115-B5-10T/A01 LA115-B5-11T/A01 自锁型 Maintained	1NC 1NO 1NO+1NC	
		
LA115-B5-01D/A01 LA115-B5-10D/A01 LA115-B5-11D/A01 带灯自复型 Momentary llluminated	1NC+D 1NO+D 1NO+1NC+D	
LA115-B5-01TD/A01 LA115-B5-10TD/A01 LA115-B5-11TD/A01 带灯自锁型 Maintained llluminated	1NC+D 1NO+D 1NO+1NC+D	
★ 字符可定制 		
LA115-B5-01B/A01 LA115-B5-10B/A01 自复型 Momentary	1NC 1NO	
LA115-B5-01TB/A01 自锁型 Maintained	1NC	
LA115-B5-11BD/A01 带灯自复型 Momentary llluminated	1NO+1NC+D	
LA115-B5-11BTD/A01 带灯自锁型 Maintained llluminated	1NO+1NC+D	

描述 describe		尺寸 size
		
LA115-B5-01M/A01 LA115-B5-10M/A01 LA115-B5-11M/A01 自复型 Momentary	1NC 1NO 1NO+1NC	
LA115-B5-01MT/A01 LA115-B5-10MT/A01 LA115-B5-11MT/A01 自锁型 Maintained	1NC 1NO 1NO+1NC	
		
LA115-B5-01H/A01 LA115-B5-10H/A01 LA115-B5-11H/A01 自复型 Momentary	1NC 1NO 1NO+1NC	
LA115-B5-01HT/A01 LA115-B5-10HT/A01 LA115-B5-11HT/A01 自锁型 Maintained	1NC 1NO 1NO+1NC	
		
LA115-B5-01HD/A01 LA115-B5-10HD/A01 LA115-B5-11HD/A01 带灯自复型 Momentary llluminated	1NC+D 1NO+D 1NO+1NC+D	
LA115-B5-01HTD/A01 LA115-B5-10HTD/A01 LA115-B5-11HTD/A01 带灯自锁型 Maintained llluminated	1NC+D 1NO+D 1NO+1NC+D	

描述 describe		尺寸 size
		
LA115-B5-01HF/A01 LA115-B5-10HF/A01 自复型 Momentary	1NC 1NO	
LA115-B5-01HFT/A01 自锁型 Maintained	1NC	
LA115-B5-10HFD/A01 带灯自复型 Momentary lluminated	1NO+D	
LA115-B5-10HFTD/A01 带灯自锁型 Maintained lluminated	1NO+D	
		
LA115-B5-01MD/A01 LA115-B5-10MD/A01 LA115-B5-11MD/A01 带灯自复型 Momentary lluminated	1NC+D 1NO+D 1NO+1NC+D	
LA115-B5-01MTD /A01 LA115-B5-10MTD/A01 LA115-B5-11MTD/A01 带灯自锁型 Maintained lluminated	1NC 1NO 1NO+1NC	
		
LA115-B5-10X/A01 LA115-B5-11X/A01 二档自锁型 Maintained 2-Position	1NO 1NO+1NC	
LA115-B5-10X/FU/A01 LA115-B5-11X/FU/A01 二档自复型 Momentary 2-Position	1NO 1NO+1NC	
LA115-B5-20XS/A01 LA115-B5-11XS/A01 三档自锁型 Momentary3-Position	2NO 1NO+1NC	
LA115-B5-20XS/FFU/A01 LA115-B5-11XS/FFU/A01 三档自复型 Momentary3-Position	2NO 1NO+1NC	

描述 describe		尺寸 size
		
LA115-B5-10XD/A01 LA115-B5-11XD/A01 二档带灯自锁型 Maintained lluminated 2-Position	1NO+D 1NO+1NC+D	
LA115-B5-10XD/FU/A01 LA115-B5-11XD/FU/A01 二档带灯自复型 Momentary lluminated 2-Position	1NO+D 1NO+1NC+D	
LA115-B5-20XSD/A01 LA115-B5-11XSD /A01 三档带灯自锁型 Momentary lluminated 3-Position	2NO+D 1NO+1NC+D	
LA115-B5-20XSD/FU/A01 LA115-B5-11XSD/FU/A01 三档带灯自复型 Momentary lluminated 3-Position	2NO+D 1NO+1NC+D	
 		
LA115-B5-11R1/A01 自复型 Momentary	1NO+1NC	
LA115-B5-11RD1/A01 带灯自复型 Momentary lluminated	1NO+1NC+D	
LA115-B5-11R6/A01 自复型 Momentary	1NO+1NC	
LA115-B5-11RD6/A01 带灯自复型 Momentary lluminated	1NO+1NC+D	

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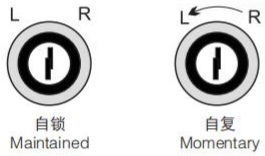
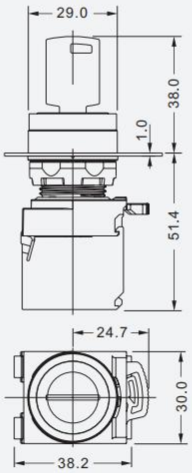
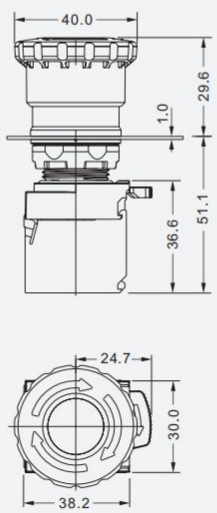
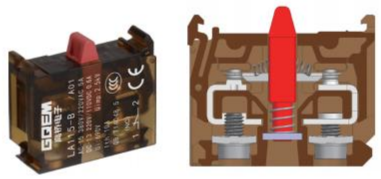
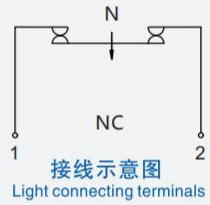
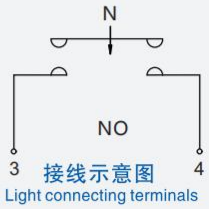
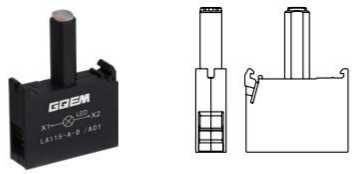
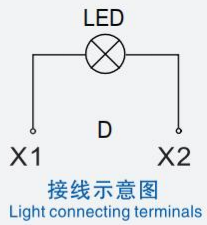
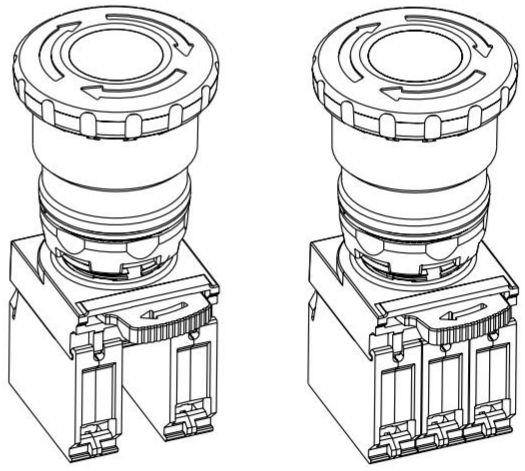
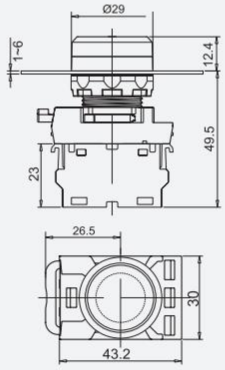
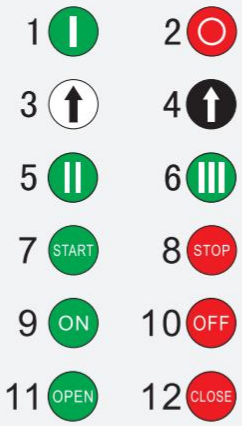
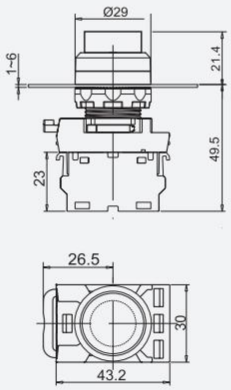
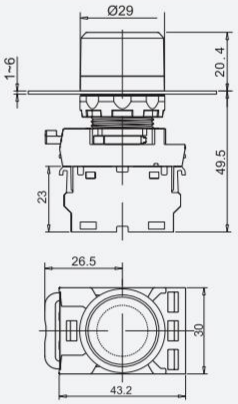
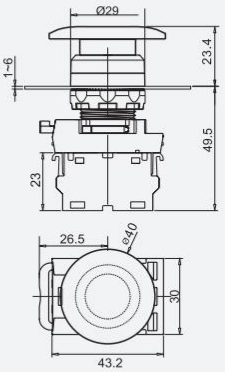
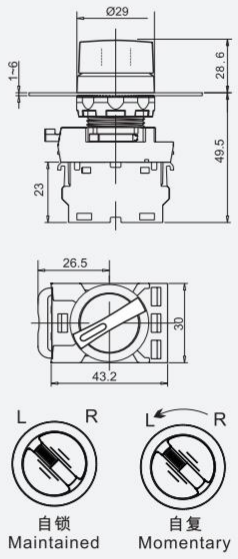
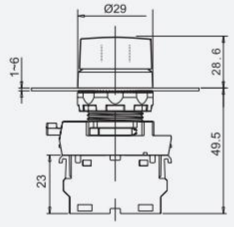
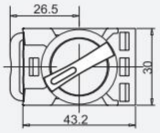
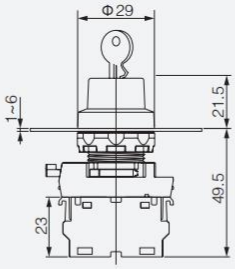
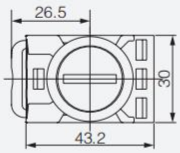
描述 describe		尺寸 size
 		
LA115-B5-10Y/A01 LA115-B5-11Y/A01 二档自锁型 Maintained 2-Position	1NO 1NO+1NC	
LA115-B5-10Y/FU/A01 LA115-B5-11Y/FU/A01 二档自复型 Momentary 2-Position	1NO 1NO+1NC	
		
LA115-B5-20YS/A01 LA115-B5-11YS/A01 三档自锁型 Momentary3-Position	2NO 1NO+1NC	
LA115-B5-20YS/FFU/A01 三档自复型 Momentary3-Position	2NO	
		
LA115-B5-01ZS/A01 LA115-B5-11ZS/A01 旋转释放 Twist Release	1NC 1NO+1NC	
LA115-B5-01ZTD/A01 ★ LA115-B5-11ZTD/A01 ★ 带灯旋转释放 Twist Release Illuminated	1NC 1NO+1NC	
LA115-B5-01ZT/A01 ★ LA115-B5-11ZT/A01 ★ 不带灯型 Non-illuminated	1NC 1NO+1NC	

描述 describe		尺寸 size
		
LA115-A-01 常闭触点模块 Contact block	NC	
		
LA115-A-10 常开触点模块 Contact block	NO	
		
LA115-A-D/A01 一体式 LED 灯座 Integrated lamp block		



描述 describe	尺寸 size
	
LA115-A5-10BN 自复型 Momentary	
LA115-A5-10T 自锁型 Maintained	
LA115-A5-10D 带灯自复型 Momentary Illuminated	
LA115-A5-10TD 带灯自锁型 Maintained Illuminated	
	
LA115-A5-10B 自复型 Momentary	
LA115-A5-10BT 自锁型 Maintained	
LA115-A5-10BD 带灯自复型 Momentary Illuminated	
LA115-A5-10BTD 带灯自锁型 Maintained Illuminated	
	
LA115-A5-10H 自复型 Momentary	
LA115-A5-10HT 自锁型 Maintained	
LA115-A5-10HD 带灯自复型 Momentary Illuminated	
LA115-A5-10HTD 带灯自锁型 Maintained Illuminated	

描述 describe	尺寸 size
	
LA115-A5-10HF 自复型 Momentary	
LA115-A5-10HFT 自锁型 Maintained	
LA115-A5-10HFD 带灯自复型 Momentary Illuminated	
LA115-A5-10HFTD 带灯自锁型 Maintained Illuminated	
	
LA115-A5-10M 自复型 Momentary	
LA115-A5-10MT 自锁型 Maintained	
LA115-A5-10MD 带灯自复型 Momentary Illuminated	
LA115-A5-10MTD 带灯自锁型 Maintained Illuminated	
	
LA115-A5-10X 两档自锁型 Two-speed Maintained type	
LA115-A5-10X/FU 两档自复型 Two-speed self-recovery	
	
LA115-A5-10XD 两档自锁型 Two-speed Maintained type	
LA115-A5-10XD/FU 两档自复型 Two-speed self-recovery	

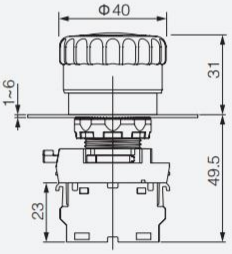
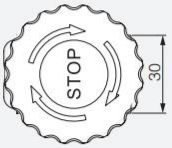
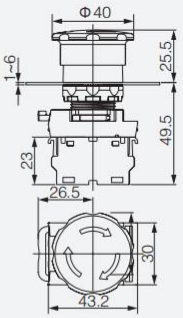
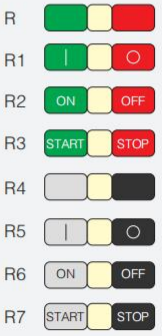
描述 describe	尺寸 size
 LA115-A5-20XS 三档自锁型 Three-speed Maintained type LA115-A5-20XS/FU 三档自复型 Three-speed self-recovery	   自锁 Maintained  由右至中和由左至中自复 Momentary From R to C From L to C
 LA115-A5-20XSD 带灯自锁型 Maintained Illuminated LA115-A5-20XSD/FU 带灯自复型 Momentary Illuminated	 由左至中自复 Momentary From L to C  由右至中自复 Momentary From R to C
 LA115-A5-10Y 两档自锁型 Maintained 2-Position LA115-A5-10Y/FU 两档自复型 Momentary 2-Position	 
 LA115-A5-10YS 三档自锁型 Maintained 3-Position LA115-A5-10YS/FU 三档自复型 Momentary 3-Position	 自锁 Maintained  自复 Momentary

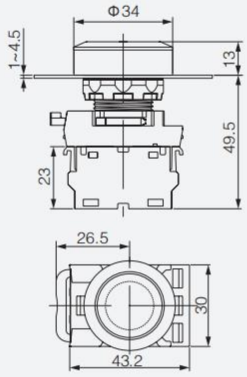
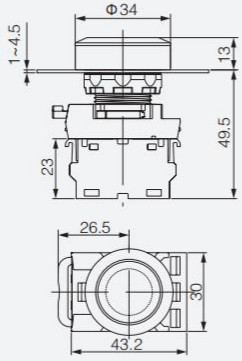
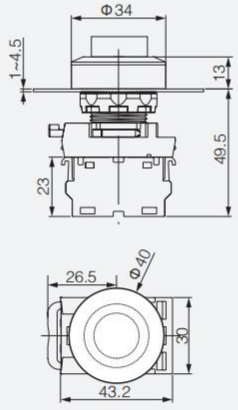
自锁
Maintained

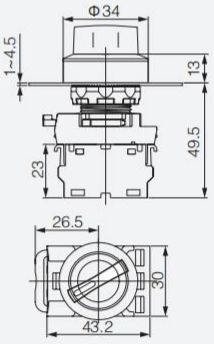
由右至中和由左至中自复
Momentary From R to C
From L to C

由左至中自复
Momentary
From L to C

由右至中自复
Momentary
From R to C

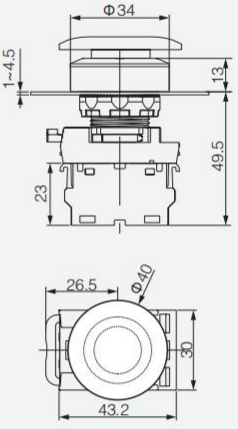
描述 describe	尺寸 size
 LA115-A5-11ZT 旋转或拉拔释放不带灯型 Twist Release Pull Release Non-illuminated	 
 LA115-A5-11ZF 旋转或拉拔释放带灯型 Twist Release Pull Release illuminated	
 LA115-A5-01ZS 旋转释放不带灯型 Twist Release Non-illuminated	
 LA115-A5-11R1 不带灯自复型 Momentary Non-illuminated LA115-A5-11RD1 带灯自复型 Momentary Illuminated	

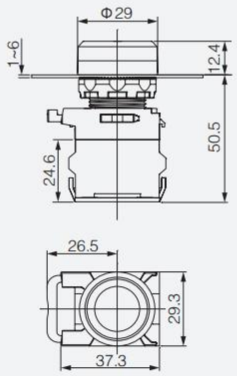
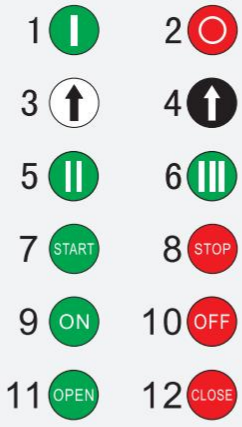
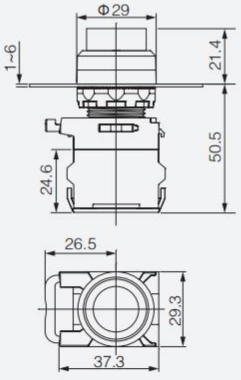
描述 describe	尺寸 size
Φ22~Φ30 	
LA115-A5-10E 自复型 Momentary	
LA115-A5-10ET 自锁型 Maintained	
LA115-A5-10ED 带灯自复型 Momentary Illuminated	
LA115-A5-10ETD 带灯自锁型 Maintained Illuminated	
Φ22~Φ30 	
LA115-A5-10EB 自复型 Momentary	
LA115-A5-10EBT 自锁型 Maintained	
LA115-A5-10EBD 带灯自复型 Momentary Illuminated	
LA115-A5-10EBTD 带灯自锁型 Maintained Illuminated	
Φ22~Φ30 	
LA115-A5-10EH 自复型 Momentary	
LA115-A5-10ETH 自锁型 Maintained	
LA115-A5-10EHD 带灯自复型 Momentary Illuminated	
LA115-A5-10EHTD 带灯自锁型 Maintained Illuminated	

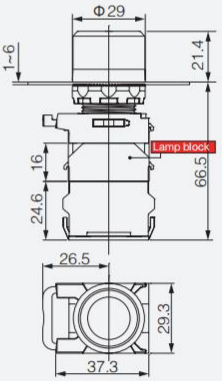
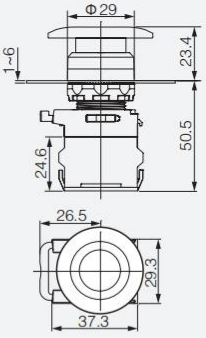
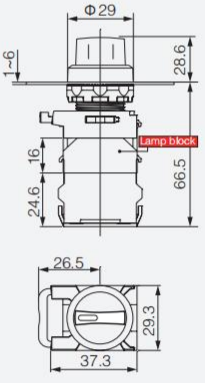
描述 describe	尺寸 size
Φ22~Φ30 	
LA115-A5-10EX 自锁型二档旋钮 Maintained 2-Position	
LA115-A5-11EX 自锁型二档旋钮 Maintained 2-Position	
LA115-A5-20EXS 自锁型三档旋钮 Maintained 3-Position	
LA115-A5-11EXS 自锁型三档旋钮 Maintained 3-Position	

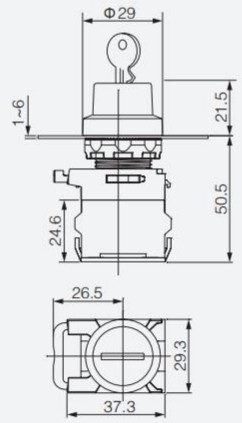
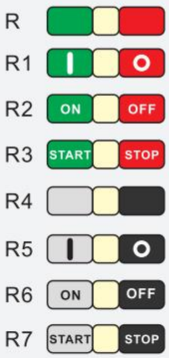
Maintained
2–Position
自锁型二档旋钮

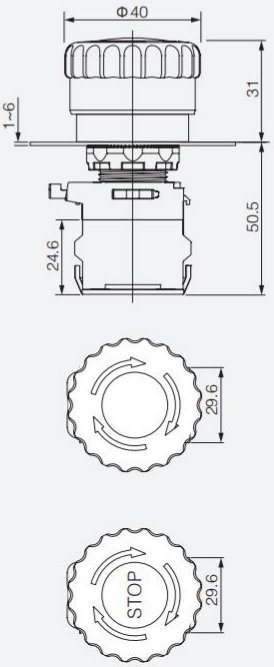
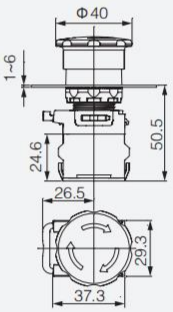
Maintained
3–Position
自锁型三档旋钮

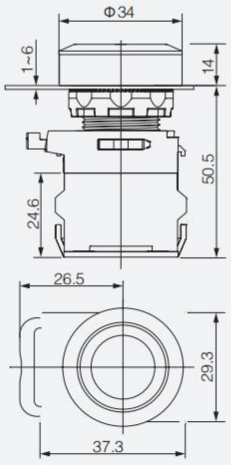
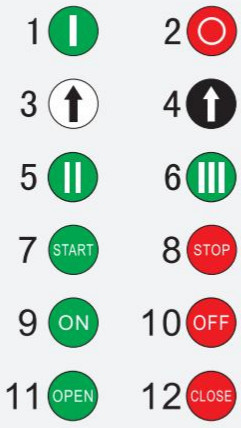
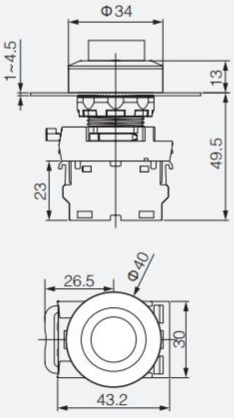
Φ22~Φ30 	
LA115-A5-10EM 自复型 Momentary	
LA115-A5-11EM 自复型 Momentary	
LA115-A5-10EMT 自锁型 Maintained	
LA115-A5-10EMD 带灯自复型 Momentary Illuminated	
LA115-A5-11EMD 带灯自复型 Momentary Illuminated	
LA115-A5-10EMTD 带灯自锁型 Maintained Illuminated	

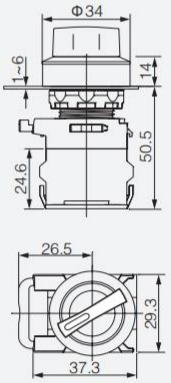
描述 describe	尺寸 size
	
LA115-B5-10BN 自复型 Momentary	
LA115-B5-10T 自锁型 Maintained	
LA115-B5-10D 带灯自复型 Momentary Illuminated	
LA115-B5-10TD 带灯自锁型 Maintained Illuminated	
	
LA115-B5-10B 自复型 Momentary	
LA115-B5-10BT 自锁型 Maintained	
LA115-B5-10BD 带灯自复型 Momentary Illuminated	
LA115-B5-10BTD 带灯自锁型 Maintained Illuminated	
	
LA115-B5-10H 自复型 Momentary	
LA115-B5-10HT 自锁型 Maintained	
LA115-B5-10HD 带灯自复型 Momentary Illuminated	
LA115-B5-10HTD 带灯自锁型 Maintained Illuminated	

描述 describe	尺寸 size
	
LA115-B5-10HF 自复型 Momentary	
LA115- B5-10HFT 自锁型 Maintained	
LA115-B5-10HFD 带灯自复型 Momentary Illuminated	
LA115-B5-10HFTD 带灯自锁型 Maintained Illuminated	
	
LA115-B5-10M 自复型 Momentary	
LA115-B5-10MT 自锁型 Maintained	
LA115-B5-10MD 带灯自复型 Momentary Illuminated	
LA115-B5-10MTD 带灯自锁型 Maintained Illuminated	
	
LA115-B5-10X 两档自锁型 Maintained 2-Position	
LA115-B5-10X/FU 两档自复型 Momentary 2-Position	
LA115-B5-10XD 带灯自锁型 Maintained Illuminated 2-Position	
LA115-B5-10XD/FU 带灯自复型 Momentary Illuminated 2-Position	

描述 describe	尺寸 size
	
LA115-B5-10Y 两档自锁型 Maintained 2-Position	
LA115-B5-11Y 两档自锁型 Maintained 2-Position	
LA115-B5-10Y/FU 两档自复型 Momentary 2-Position	
	
LA115-B5-20YS 三档自锁型 Maintained 3-Position	
LA115-B5-20YS/FU 三档自复型 Momentary 3-Position	
LA115-B5-20YS/FFU 三档自复型 Momentary 3-Position	
	
LA115-B5-11R1 不带灯自复型 Momentary Non-illuminated	
LA115-B5-11RD1 带灯自复型 Momentary Illuminated	

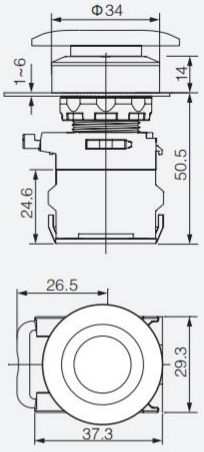
描述 describe	尺寸 size
	
LA115-B5-01ZT 旋转或拉拔释放不带灯型 Twist Release Pull Release Non-illuminated	
LA115-B5-11ZT 旋转或拉拔释放不带灯型 Twist Release Pull Release Non-illuminated	
	
LA115-B5-01ZF 旋转或拉拔释放带灯型 Twist Release Pull Release illuminated	
LA115-B5-11ZF 旋转或拉拔释放带灯型 Twist Release Pull Release illuminated	
	
LA115-B5-01ZS 旋转释放不带灯型 Twist Release Non-illuminated	
LA115-B5-11ZS 旋转释放不带灯型 Twist Release Non-illuminated	

描述 describe	尺寸 size
Φ22~Φ30 	
LA115-B5-10E 自复型 Momentary	
LA115-B5-10ET 自锁型 Maintained	
LA115-B5-10ED 带灯自复型 Momentary Illuminated	
LA115-B5-10ETD 带灯自锁型 Maintained Illuminated	
Φ22~Φ30 	
LA115-B5-10EB 自复型 Momentary	
LA115-B5-10EBT 自锁型 Maintained	
LA115-B5-10EBD 带灯自复型 Momentary Illuminated	
LA115-B5-10EBTD 带灯自锁型 Maintained Illuminated	
Φ22~Φ30 	
LA115-B5-10EH 自复型 Momentary	
LA115-B5-10EHT 自锁型 Maintained	
LA115-B5-10EHD 带灯自复型 Momentary Illuminated	
LA115-B5-10EHTD 带灯自锁型 Maintained Illuminated	

描述 describe	尺寸 size
Φ22~Φ30 	
LA115-B5-10EX 自锁型二档旋钮 Maintained 2-Position	
LA115-B5-11EX 自锁型二档旋钮 Maintained 2-Position	
LA115-B5-20EXS 自锁型三档旋钮 Maintained 3-Position	
LA115-B5-11EXS 自锁型三档旋钮 Maintained 3-Position	

Maintained
2–Position
自锁型二档旋钮

Maintained
3–Position
自锁型三档旋钮

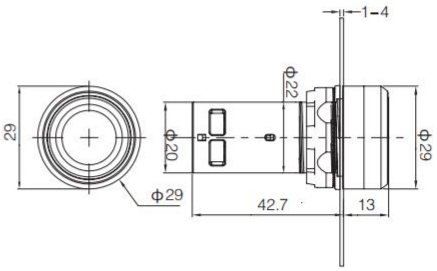
Φ22~Φ30 	
LA115-B5-10EM 自复型 Momentary	
LA115-B5-11EM 自复型 Momentary	
LA115-B5-10EMT 自锁型 Maintained	
LA115-B5-10EMD 带灯自复型 Momentary Illuminated	
LA115B5-11EMD 带灯自复型 Momentary Illuminated	
LA115B5-10EMTD 带灯自锁型 Maintained Illuminated	

描述 describe		颜色 Color
 Flush Button	LA115-5-BN 平钮头部 (自复) Momentary LA115-5-T 平钮头部 (自锁) Maintained	
 Flush Button Illuminated	LA115-5-D 平钮头部 (带灯自复) Momentary LA115-5-TD 平钮头部 (带灯自锁) Maintained	
 Extended Button	LA115-5-H 凸钮头部 (自复) Momentary LA115-5-HT 凸钮头部 (自锁) Maintained	
 Extended Button Illuminated	LA115-5-HD 凸钮头部 (带灯自复) Momentary LA115-5-HTD 凸钮头部 (带灯自锁) Maintained	
 Mushroom Button	LA115-5-M 蘑菇钮头部 (自复) Momentary LA115-5-MT 蘑菇钮头部 (自锁) Maintained	
 Mushroom Button Illuminated	LA115-5-MD 蘑菇钮头部 (带灯自复) Momentary LA115-5-MTD 蘑菇钮头部 (带灯自锁) Maintained	

描述 describe		颜色 Color
 Flush Button Maked	LA115-5-B/7 平钮头部 (自复) Momentary LA115-5-BT/7 平钮头部 (自锁) Maintained	1 2 3 4 5 6 7 START 8 STOP 9 ON 10 OFF 11 OPEN 12 CLOSE
 Flush Button Maked Illuminated	LA115-5-B/7 平钮头部 (带灯自复) Momentary LA115-5-BT/7 平钮头部 (带灯自锁) Maintained	
 Short Handle Selector	LA115-5-XS/FU 两 / 三档自复旋钮 Momentary Two-Positon LA115-5-X 两 / 三档自锁旋钮 MaintainedTwo-Positon	
 Short Handle Selector Illuminated	LA115-5-XSD/FU 两 / 三档自复旋钮 (带灯型) Momentary 2/3-Positon LA115-5-XS 两 / 三档自锁旋钮 (带灯型) Maintained 2/3-Positon	
Φ22~Φ30  Short Handle Selector	LA115-5-EXS/FU 两 / 三档自复旋钮 Momentary 2/3-Positon LA115-5-EX 两 / 三档自锁旋钮 Maintained 2/3-Positon	
 key-operated Selector	LA115-5-YS/FFU 两 / 三档自复型 Momentary 2/3-Positon LA115-5-Y 两 / 三档自锁型 Maintained 2/3-Positon	

描述 describe		颜色 Color
 Higher Flush Button	LA115-5-HF 高平钮头部 (自复) Momentary LA115-5-HFT 高平钮头部 (自锁) Maintained	
 Higher Flush Button Illuminated	LA115-5-HFD 高平钮头部 (带灯自复) Momentary LA115-5-HFTD 高平钮头部 (带灯自锁) Maintained	
 Double (Flush Botton) Illuminated 双键带灯平钮	LA115-5-RD LA115-5-RD1 LA115-5-RD2 LA115-5-RD3 LA115-5-RD4 LA115-5-RD5 LA115-5-RD6 LA115-5-RD7	
Φ22~Φ30  Emergency Stop Pushbutton	LA115-5-ZT 旋转或者拉拔释放 不带灯型 Twist Release Pull Release Non-illuminated	
Φ22~Φ30  Emergency Stop Pushbutton	LA115-5-ZF 旋转或者拉拔释放 带灯型 Twist Release Pull Release Illuminated	

描述 describe		颜色 Color
Φ22~Φ30 	LA115-5-E 平钮头部 (自复) Momentary LA115-5-ET 平钮头部 (自锁) Maintained	
Φ22~Φ30  Flush Button	LA115-5-ED 平钮头部 (自复) Momentary LA115-5-ETD 平钮头部 (自锁) Maintained	
Φ22~Φ30  Extended Button	LA115-5-EH 凸钮头部 (自复) Momentary LA115-5-EHT 凸钮头部 (自锁) Maintained	
Φ22~Φ30  Extended Button Illuminated	LA115-5-EHD/Y 凸钮头部 (带灯自复) Momentary LA115-5-EHTD/Y 凸钮头部 (带灯自锁) Maintained	

样式 Photo	描述 Description	样式 Photo	描述 Description
	NO -3 -4 LA115-A-10 常开触点模块 Contact block		LA115-A-Z A 型中座 (可接三副模块) For three blocks
	NC -1 -2 LA115-A-01 常闭触点模块 Contact block		LA115-B-Z B 型中座 (可接一副模块) For one block
	X1 X2 LA115-A-D1 BA9S 灯座 base		1NC LA115-A-Z01 1NO LA115-A-Z10 1NO 1NC LA115-A-Z11
	X1 X2 LA115-A-D2 一体式 LED 灯座 Integrated lamp block		1NC LA115-B-Z01 1NO LA115-B-Z10 1NO 1NC LA115-B-Z11
	NO -3 -4 NC -1 -2 LA115-B-11 1 常开 1 常闭触点模块 (B 型) Contact block	 BA9SA/ ▲	R-- 红色 (red) G-- 绿色 (green) Y-- 黄色 (yellow) B-- 蓝色 (blue) W-- 白色 (white)
	R-- 红色 B-- 蓝色 G-- 绿色 W-- 白色 Y-- 黄色 一体式 LED 灯座 (B 型) Lamp block with LED		LA115-22FF 紧固圈 (防松) 默认不带螺丝 Fastening ring (anti loosening) No screws by default
	LA15-A3-10BN 自复型 Momentary LA15-A3-11BN 自复型 Momentary LA15-A3-10T 自锁型 Maintained LA15-A3-11T 自锁型 Maintained		

型号及其含义 Mode and Meaning

GXB2 - □ □ □ □ □

① ② ③ ④ ⑤

①: B: 金属系列 Metal Series ; E: 塑料系列 Plastic Series

②: A : 平头按钮; L : 凸头按钮; P: 带罩按钮; W: 带灯按钮; D: 选择开关 (短柄); J: 选择开关 (长柄); G: 钥匙开关
E: 触点模块; Z: 触点模块加中座; B : 蘑菇头按钮 Φ30; C : 蘑菇头按钮 Φ40; R : 蘑菇头按钮 Φ60; S4: 急停按钮 (旋转释放 ,Φ30);
S5: 急停按钮 (旋转释放 ,Φ40); S6: 急停按钮 (旋转释放 ,Φ60); T : 急停按钮 (拉拔释放); V : 指示灯
A:Flush Pushbutton; L :Extended Pushbutton; P:Pushbutton (Cover); W:Pushbutton (Illuminated); D:Selector Switch (Short-handle);
J:Selector Switch (long-handle); G: Key-operated; E:Contact Block; Z: Contact Block+Holder; B:Pushbutton,Mushroom(Φ30);
C: Pushbutton,Mushroom(Φ40)R:Pushbutton,Mushroom(Φ60); S4:Emergency Stop Pushbutton(Twist Release,Φ30);
S5:Emergency Stop Pushbutton(Twist Release,Φ40); S6:Emergency Stop Pushbutton(Twist Release,Φ60);
T :Emergency Stop Pushbutton(Pull Release); V : Pilot Light

③: 颜色 Colour1= White(白) ◯; 2=Black(黑) ●; 3= Green(绿) ●; 4=Red(红) ●; 5=Yellow(黄) ●; 6=Blue(蓝) ●
选择开关 : 2 : 二位置自锁; 3: 三位置自锁; 4 : 二位置由右至左自复; 5 : 三位置由右至中和由左至中自复; 6: 三位置由右至中自复; 7: 三位置由左至中自复
Selector Switch BD BJ BG:2 : 2-position (Maintained); 3:3-position (Maintained); 4 : 2-position (Momentary,R to L);
5 :3-position (Momentary,R to C & L to C); 6:3-position (Momentary,R to C); 7:3-position (Momentary,L to C)

④: 派生产品 BA 3: 带符号 (仅限于 BA,BL) Derivative product BL With Mark (BA,BL Only)

⑤: 触点模块 Contact Block
1: 一常开 1NO 2: 一常闭 1NC
3: 二常开 2NO 4: 二常闭 2NC
5: 一常开 + 一常闭 1NO + 1NC

使用环境条件 Working Environment

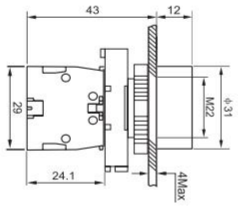
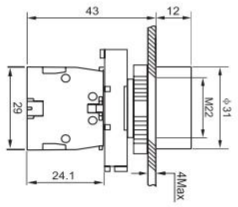
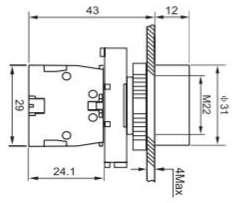
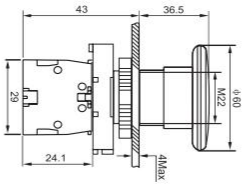
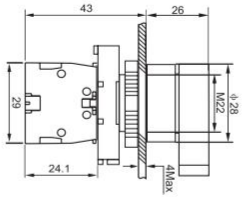
◎ 工作温度: -25~+70°C
◎ 储存温度: -40~+70°C
◎ 污染等级: 3 级
◎ 防护等级: IP40/IP65/IP66
◎ 海拔极限高度: ≤ 2000 米
◎ 符合标准 Standard

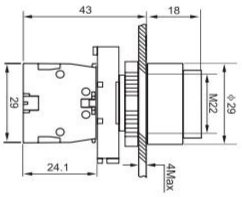
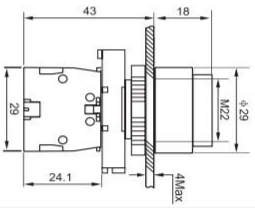
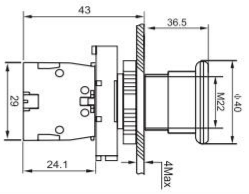
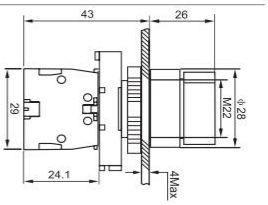
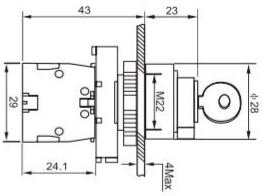
◎ Working environment temperature : -25~+70°C
◎ Storage temperature: -40~+70°C
◎ Class of pollution : 3 level
◎ Protection grade: IP40/IP65/IP66
◎ Limit height: ≤ 2000m
◎ Standard: EN 60947-1,GB14048.5

主要技术参数 Main Technical Data

◎ 额定绝缘电压 :600V
◎ 约定发热电流 :10A
◎ 开关额定值 : AC-15 Ue:380V/250V ,Ie=4.5A; DC-13 Ue:220V/110V ,Ie=0.6A
◎ 接触电阻: ≤ 50mA
◎ 推荐扭力: 0.9Nm
◎ 接线面积: 最小 (min)1×0.5mm^2, 最大 2×1.5mm^2 或 1×2.5mm^2
◎ 机械寿命: 按钮≥ 300×104 次 ; 旋钮≥ 1004 次 ;
◎ 急停钮≥ 30×104 次
◎ 电气寿命: ≥ 30×104 次
◎ 灯电压极限: 0.8Ue ≤ U ≤ 1.15

◎ Rated insulation voltage :600V
◎ Rated thermal current:10A
◎ Switch rating: AC-15 Ue:380V/250V ,Ie=4.5A; DC-13 Ue:220V/110V ,Ie=0.6A
◎ Contact resistance: ≤ 50mA
◎ Recommended torque : 0.9Nm
◎ Connectable area: min 1×0.5mm^2,Max 2×1.5mm^{2}or1×2.5mm^2
◎ Mechanical life: Pushbutton ≥ 300×104 times;SelectorSwitch ≥ 1004times
◎ Emergency Stop Pushbutton ≥ 30×104 times
◎ Electrical life: ≥ 30×104 times
◎ Limit voltage(lamp): 0.8Ue ≤ U ≤ 1.15Ue

描述 Description		尺寸 Contour
 GXB2-EA42	平钮弹簧 返回 自复型 Flush Button Momentary	
 GXB2-EP33	平钮 (防水罩) 弹簧返回 自复型 Flush Button Momentary(with waterproof cover) Unmarked IP 65	
 GXB2-EA3341	平钮 (带符号) 弹簧返回 自复型 Flush Button Momentary Marked	
 GXB2-ER42 Φ60	蘑菇头按钮 弹簧返回 自复型 Φ60 Mushroom button Momentary	
 GXB2-EJ41 GXB2-EJ53	长柄旋钮 Selector Switch long-handle	

描述 Description		尺寸 Contour
 GXB2-EL31	凸钮 弹簧返回 自复型 Extended button Momentary	
 GXB2-EL3361	凸钮 (带符号) 弹簧返回 自复型 Extended button Momentary Marked	
 GXB2-EC42 Φ40	蘑菇头按钮 弹簧返回 Φ40 Mushroom button Momentary	
 GXB2-ED41 GXB2-ED21	短柄旋钮 Selector Switch Short-handle	
 GXB2-EG45 GXB2-EG53	钥匙钮 Key-operated	

型号命名方式解释 Explanation of Type Designatio

示例：(Example)

GXB2 - EA 3 1

① ② ③ ④

①：GXB2 系列 Series
②：EA：平钮 (自复型)；EL：凸钮 (自复型)；EP：平钮 (自复型 , 带防水罩)；
EC：蘑菇头按钮 (自复型 ,Φ40)；ER：蘑菇头按钮 (自复型 ,Φ60)
EA:Flush Pushbutton(Momentary) ；EL:Extended Pushbutton(Momentary) ；
EP:Flush Pushbutton(Cover)(Momentary)；EC:Pushbutton, Mushroom(Momentary,Φ40；
ER:Pushbutton,Mushroom(Momentary,Φ60)
③：1= White(白)；2=Black(黑)；3= Green(绿)；4=Red(红)；5=Yellow(黄)；6=Blue(蓝)
④：1= 1N0；2 = 1NC；3 = 2N0；4 =2NC；5 = 1NO+1NC

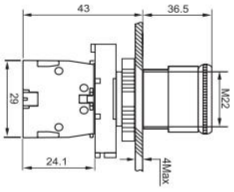
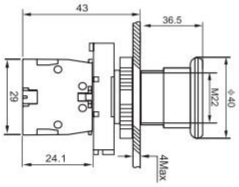
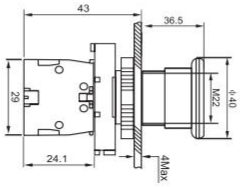
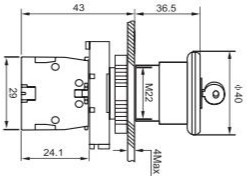
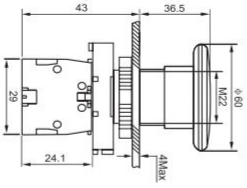
331 I　334 ↑　432 O
336 II　335 ↓　533 start　434 stop

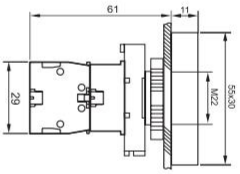
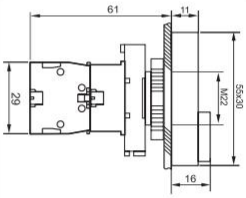
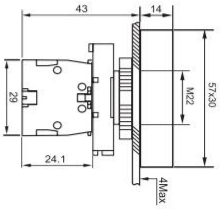
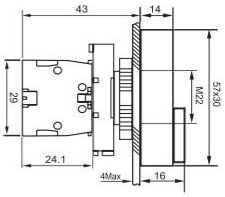
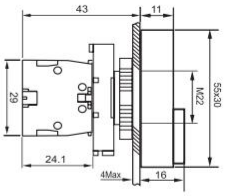
示例：(Example)

GXB2 - ED 3 1

① ② ③ ④

①：GXB2 系列 Series
②：D: 选择开关 (短柄)；G : 钥匙开关；J：选择开关 (长柄)
D:Selector Switch(Short-handle)；G :Key-operated；J :Selector Switch(long-handle)
③：2：二位置自锁；3：三位置自锁；6：三位置由右至中自复；
4：二位置由右至左自复；5：三位置由右至中和由左至中自复；7：三位置由左至中自复
2：2-position (Maintained)；3：3-position (Mlaintained)；6：3-position (Momentary, R to C)；
4: 2-position (Momentary,R to L)；5: 3-position (M omentary, R to C&L to C)；6: 3-position (Momentary,L to C)
④：1= 1N0；2 = 1NC；3 = 2N0；4 =2NC；5 = 1NO+1NC

描述 Description		尺寸 Contour
 GXB2-ES442 Φ30	旋转释放 急停钮 Twist Release	
 GXB2-ES542 Φ40	旋转释放 急停钮 Twist Release	
 GXB2-ET42 Φ40	拉拔释放 急停钮 Pull Release	
 GXB2-ES142	钥匙旋转释放 急停钮 Key Release	
 GXB2-ES642 Φ60	旋转释放 Twist Release	

描述 Description		尺寸 Contour
 GXB2-EW81364	双键平钮 直接插入方式 提供 12~240V 灯泡 Double Flush Button Direct Supply 12~240V Ba9s Bulb (LED/Neon)	
 GXB2-EW84364	双键凸平钮 直接插入方式 提供 12~240V 灯泡 Extended/Flush Button Direct Supply 12~240V Ba9s Bulb (LED/Neon)	
 GXB2-EL9134	双键平钮带防水罩 Double Flush button with waterproof cover Unmarked IP65	
 GXB2-EL9334	双键凸平钮带防水罩 Double Extended/ flush button with waterproof cover Unmarked IP65	
 GXB2-EL8434	双键凸平钮 Double Extended/ Flush button 双键平钮 Double Flush button	

型号命名方式解释 Explanation of Type Designatio

示例：(Example)

GXB2 - ES4 4 2

① ② ③ ④

①：GXB2 系列 Series

②：ES4：急停钮 (旋转释放 ,Φ30)；ES1：急停钮 (钥匙旋转释放 ,Φ40)；ES5：急停钮 (旋转释放 ,Φ40)；ET：急停钮 (拉拔释放 ,Φ40)
ES4：Twist Release Φ30；ES1：Key Release Φ40；ES5：Twist Release Φ40；ET：Pull Release Φ40

③：2=Black(黑)●；4=Red(红)●；

④：1= 1N0；2 = 1NC；3 = 2N0；4 =2NC；5 = 1NO+1NC

示例：(Example)

GXB2 - EW 81 3 6 4

① ② ③ ④ ⑤

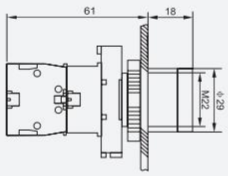
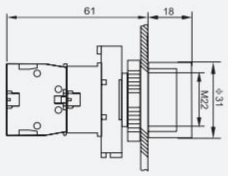
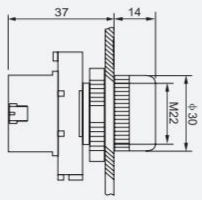
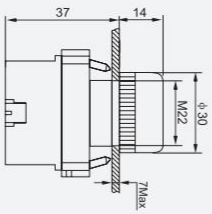
①：GXB2 系列 Series

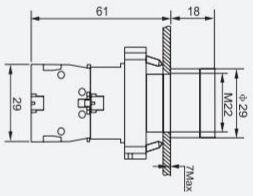
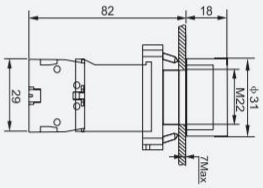
②：EW= 带灯型；EA= 不带灯型；81= 双平型；82= 双平型 (带符号)；83= 凸平型；84= 凸平型 (带符号)
EW=Illuminated；EA=Non-illuminated；81=Double Flush button；82=Double Flush button(Mark)
83=Extended/Flush button；84=Extended/Flush button(Mark)

③：上部按钮颜色 Color(Upper)

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

⑤：下部按钮颜色 Color(Bottom)

描述 describe		尺寸 size
 GXB2-EW3361	直接插入方式 提供 12~240V 灯泡 Direct Supply 12~240V Ba9s Bulb (LED/Neon)	
 GXB2-EPW3461	直接插入方式 提供 12~240V 灯泡 Direct Supply 12~240V Ba9s Bulb (LED/Neon) (with water-proof cover)IP65	
 GXB2-EV66	灯泡直接插入方式 Direct bulb included BA9s base fitting Neon LED(BA9S)	
 GXB2-BV64	灯泡直接插入方式 Direct bulb included BA9s base fitting Neon LED(BA9S)	

描述 describe		尺寸 size
 GXB2-BW3361	直接插入方式 提供 12~240V 灯泡 Direct Supply 12~240V Ba9s Bulb (LED/Neon)	
 GXB2-BPW3461	直接插入方式 提供 12~240V 灯泡 Direct Supply 12~240V Ba9s Bulb (LED/Neon) (with water-proof cover)IP65	
 GXB2-Aa-BA31 GXB2-Aa-BW3361	平钮 (防水 IP:65) 弹簧返回自复型 平钮 (防水 IP:65) 弹簧返回带灯自复型	
 GXB2-Aa-BD21 GXB2-Aa-BD53	自锁型 短柄旋钮 (防水 IP:65) 自复型 短柄旋钮 (防水 IP:65)	

型号命名方式解释(Explanation of Type Designation)

示例:(Example)

GXB2 - EW3 3 6 1
① ② ③ ④ ⑤

①: GXB2 系列 Series
②: 带灯型 lluminated
EW3: 灯钮 (平头型)Pushbutton (Flush); EPW3: 灯钮 (平头型，带防水罩)Pushbutton(Flush,Cover)
③: 1= White(白)◯; 2=Black(黑)●; 3= Green(绿)●; 4=Red(红)●; 5=Yellow(黄)●; 6=Blue(蓝)●
④: Ba9s 基座; 6= 直接插入式
Ba9s base; 6=Direct bulb included
⑤: 1= 1N0; 2 = 1NC; 3 = 2N0; 4 =2NC; 5 = 1NO+1NC

示例:(Example)

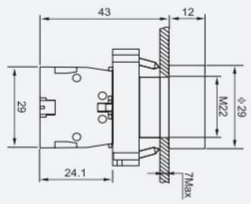
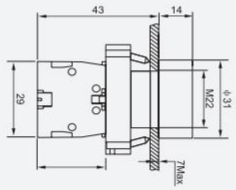
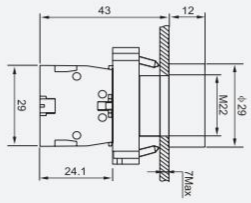
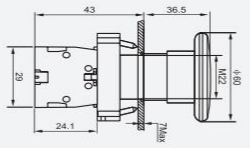
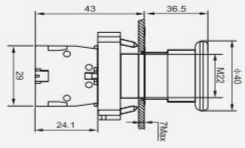
GXB2 - BV 6 1
① ②

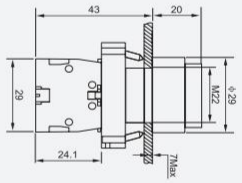
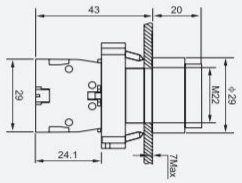
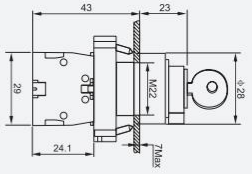
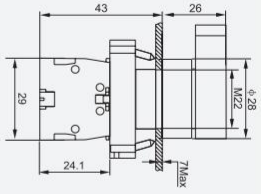
①: Ba9s 基座; 6= 灯泡直接插入方式; 7= 阻容降压方式; 4= 变压器降压方式
Ba9sBase; 6=Direct bulb included; 7=Via integral resistance; 4= Via inteqral transformer
②: 1= White(白)◯; 2=Black(黑)●; 3= Green(绿)●; 4=Red(红)●; 5=Yellow(黄)●; 6=Blue(蓝)●

示例:(Example)

GXB2 - EW3 3 6 1
① ② ③ ④ ⑤

①: GXB2 系列 Series
②: 带灯型 lluminated
BW3: 灯钮 (平头型)Pushbutton (Flush); BPW3: 灯钮 (平头型，带防水罩)Pushbutton(Flush,Cover)
③: 1= White(白)◯; 2=Black(黑)●; 3= Green(绿)●; 4=Red(红)●; 5=Yellow(黄)●; 6=Blue(蓝)●
④: Ba9s 基座; 6= 直接插入式; 7= 阻容降压方式; 4= 变压器降压方式
Ba9s base; 6=Direct bulb included; 7=Via integral resistance; 4= Via inteqral transformer
⑤: 1= 1N0; 2 = 1NC; 3 = 2N0; 4 =2NC; 5 = 1NO+1NC

描述 describe		尺寸 size
 GXB2-BA42	平钮 弹簧返回 自复型 Flush Button Momentary	
 GXB2-BP55	平钮 (防水罩) 弹簧返回 自复型 Flush Button Momentary (with water-proof cover) Unmarked IP 65	
 GXB2-BA3341	平钮 (带符号) 弹簧返回 自复型 Flush Button Momentary Marked	
 GXB2-BR42 Φ60	蘑菇头按钮 弹簧返回 自复型 Mushroom button Momentary Φ60	
 GXB2-BC42 Φ40	蘑菇头按钮 弹簧返回 Mushroom button Momentary Φ40	

描述 describe		尺寸 size
 GXB2-BL31	凸钮 弹簧返回 自复型 Extended button Momentary Marked	
 GXB2-BL3311	凸钮 弹簧返回 自复型 Extended button Momentary Marked	
	短柄旋钮 Selector Switch Short-handle	GXB2-BD41 GXB2-BD53
	短柄旋钮 (带灯型) Illuminated Selector Switch Short-handle	GXB2-BK3363 GXB2-BK2161
 GXB2-BG45 GXB2-BG53	两 / 三档钥匙钮 (带灯型) Key-operated	
 GXB2-BJ41 GXB2-BJ53	长柄旋钮 Selector Switch long-handle	

型号命名方式解释(Explanation of Type Designation)

示例:(Example)

GXB2 - BA 3 1
① ② ③

①: BA: 平钮 (自复型); BC: 蘑菇头按钮 (自复型, Φ40); BL: 凸钮 (自复型);
BR: 蘑菇头按钮 (自复型, Φ60); BP: 平钮 (自复型, 带防水罩)
BA: Flush Pushbutton(Momentary); BC: Pushbutton,Mushroom(Momentary,Φ40);
BL: Extended Pushbutton(Momentary); BR: Pushbutton,Mushroom(Momentary,Φ60);
BP: Flush Pushbutton(Cover)(Momentary)

②: 1= White(白); 2=Black(黑); 3= Green(绿); 4=Red(红); 5=Yellow(黄); 6=Blue(蓝)

③: 1= 1N0; 2 = 1NC; 3 = 2N0; 4 =2NC; 5 = 1NO+1NC

331 334 432
336 335 533 start 434 stop

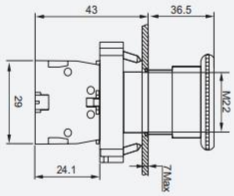
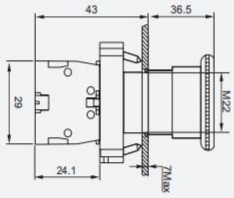
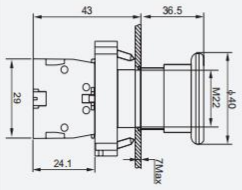
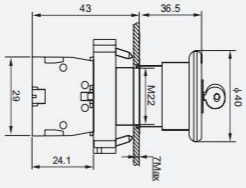
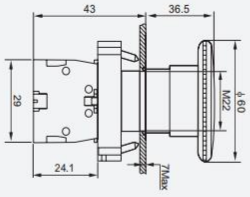
示例:(Example)

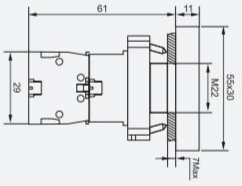
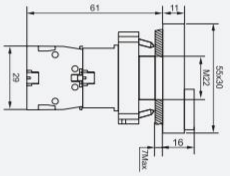
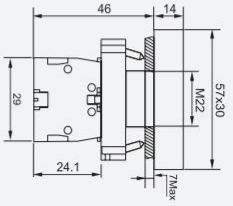
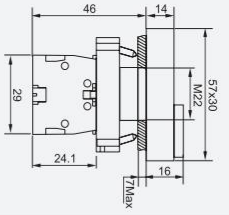
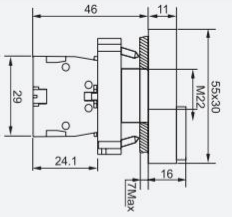
GXB2 - BD 3 1
① ② ③

①: D: 选择开关 (短柄); S: 钥匙开关; J: 选择开关 (长柄)
D: Selector Switch(Short- handle); S: Key-operated; J: Selector Switch(long-handle)

②: 2: 二位置自锁; 3: 三位置自锁; 6: 三位置由右至中自复;
4: 二位置由右至左自复; 5: 三位置由右至中和由左至中自复; 7: 三位置由左至中自复
2: 2-position (Maintained); 3: 3-position (Mlaintained); 6: 3-position (Momentary, R to C);
4: 2-position (Momentary,R to L); 5: 3-position (M omentary, R to C&L to C); 6: 3-position (Momentary,L to C)

③: 1= 1N0; 2 = 1NC; 3 = 2N0; 4 =2NC; 5 = 1NO+1NC

描述 describe		尺寸 size
 GXB2-BS442 Φ30	旋转释放 急停钮 Twist Release	
 GXB2-BS542 Φ30	旋转释放 急停钮 Twist Release	
 GXB2-BT42 Φ40	拉拔释放 急停钮 Pull Release	
 GXB2-BS142 Φ40	钥匙旋转释放 急停钮 Key Release	
 GXB2-BS642 Φ60	旋转释放 Twist Release	
	二方向 Two directions	自锁型 Maintained: GXB2-PA12 自复型 Momentary: GXB2-PA22
	四方向 Four directions	自锁型 Maintained: GXB2-PA14 自复型 Momentary: GXB2-PA24

描述 describe		尺寸 size
 GXB2-BW81364	双键平钮直接插入方式 Double Flush Button Direct Supply 提供 12~240V 灯泡 12~240V Ba9s Bulb (LED/Neon)	
 GXB2-BW84364	双键凸平钮直接插入方式 Extended/Flush Button Direct Supply 提供 12~240V 灯泡 12~240V Ba9s Bulb (LED/Neon)	
 GXB2-BA9234	双键平钮 带防水罩 Double Flush button with waterproof cover Unmarked IP65	
 GXB2-BL9434	双键凸平钮 带防水罩 Double Extended/flush button with waterproof cover Unmarked IP65	
 GXB2-BL8434	双键凸平钮 Double Extended/Flush button 双键平钮 Double Flush button	
	二方向 Two directions	自锁型 Maintained: CS-2011 自复型 Momentary: CS-201
	四方向 Four directions	自锁型 Maintained: CS-4022 自复型 Momentary: CS-402

示例:(Example)

GXB2 - BW81 3 6 4

① ② ③ ④ ⑤

①: GXB2 系列 Series

②: BW= 带灯型; BA= 不带灯型 81= 双平型; 82= 双平型 (带符号); 83= 凸平型; 84= 凸平型 (带符号)
BW=Illuminated; BA=Non-illuminated; 81=Double Flush button; 82=Double Flush button(Mark)
83=Extended/Flush button; 84=Extended/Flush button(Mark)

③: 上部按钮颜色 Color(Upper)

④: Ba9s 基座; 6= 直接插入式; 7= 阻容降压方式; 4= 变压器降压方式
Ba9s base; 6=Direct bulb included; 7=Via integral resistance; 4= Via inteqral transformer

⑤: 下部按钮颜色 Color Bottom

描述 describe		颜色 Color
	GXB2-EA3 平钮头部 Flush button head	
	GXB2-EL3 凸钮头部 Extended button head	
	GXB2-EP3 平钮头部 (带防水罩) Flush button head (with water-proof cover)	
	GXB2-EA 334 平钮头部 (带符号) Flush button head marked	start O stop I II
	GXB2-EL336 凸钮头部 (带符号) Extended button head marked	
	GXB2-EW33 灯钮头部采用高透光率护盖 Pilot light head with higher transl protecting cover	
	GXB2-EV04 指示灯头部 Pilotjlig hthead	
	GXB2-EK23 带灯旋钮头部二位置自锁 Selector switch head with lamp 2-position Maintained	
	GXB2-EK33 带灯旋钮头部三位置自锁 Selector switch head with lamp 3-position Maintained	
	GXB2-ED2 短柄旋钮头部 Selector Switch Short-handle	
	GXB2-EJ2 长柄旋钮头部 Selector Switch long-handle	
	GXB2-EG2 钥匙钮头部 Key-operated	

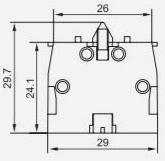
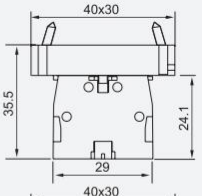
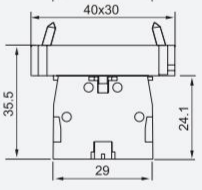
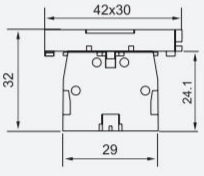
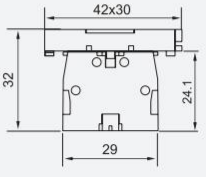
描述 describe		颜色 Color
 Φ40	GXB2-EC4 蘑菇钮头部弹簧返回自复型 Mushroom Head Spring Return Momentary	
 Φ60	GXB2-ER4 蘑菇钮头部弹簧返回自复型 Mushroom Head Spring Return Momentary	
 Φ30	GXB2-ES44 蘑菇头型急停钮头部旋转释放 Mushroom Head Twist Release	
 Φ40	GXB2-ES54 蘑菇头型急停钮头部旋转释放 Mushroom Head Twist Release	
 Φ60	GXB2-ES64 蘑菇头型急停钮头部旋转释放 Mushroom Head Twist Release	
 Φ40	GXB2-ET4 蘑菇头型急停钮头部拉拔释放 Mushroom head Push-Pull	
 Φ40	GXB2-ES14 钥匙急停头部钥匙旋转释放 Mushroom head return to release by key	
	GXB2-EA813 绿键 (平头型) 红键 (平头型)(带防水罩) Green button(Flush) Red button (Flush) IP40 (Waterproof cover)IP65	
	GXB2-EA833 绿键 (平头型) 红键 (平头型)(带防水罩) Green button(Flush) Red button (Flush) IP40 (Waterproof cover)IP65	
	GXB2-EA83 绿键 (平头型) 红键 (平头型)(带防水罩) Green button(Flush) Red button (Flush) IP40 (Waterproof cover)IP65	
	GXB2-EA84 绿键 (平头型) 红键 (平头型)(带防水罩) Green button(Flush) Red button (Flush) IP40 (Waterproof cover)IP65	

描述 describe		颜色 Color
	GXB2-BA3 平钮头部 Flush button head	
	GXB2-BL3 凸钮头部 Extended button head	
	GXB2-BP5 平钮头部 (带防水罩) Flush button head (with water-proof cover)	
	GXB2-BA336 平钮头部 (带符号) Flush button head marked	start stop
	GXB2-BL331 凸钮头部 (带符号) Extended button head marked	
	GXB2-BW33 灯钮头部采用高透光率护盖 Pilot light head with higher transl protecting cover	
	GXB2-BV04 指示灯头部 Pilotjlig hthead	
	GXB2-BK23 带灯旋钮头部二位置自锁 Selector switch head with lamp 2-position Maintained	
	GXB2-BK33 带灯旋钮头部三位置自锁 Selector switch head with lamp 3-position Maintained	
	GXB2-BD2 短柄旋钮头部 Selector Switch Short-handle	
	GXB2-BJ2 长柄旋钮头部 Selector Switch long-handle	
	GXB2-BG2 钥匙钮头部 Key-operated	

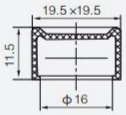
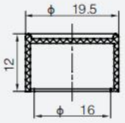
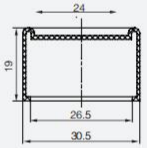
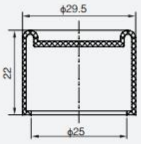
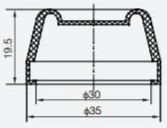
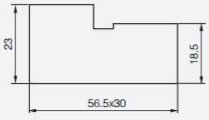
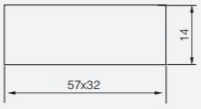
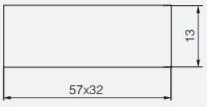
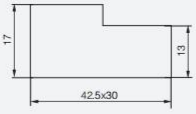
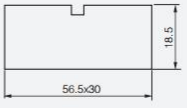
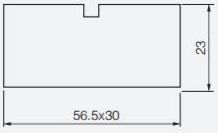
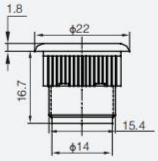
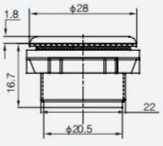
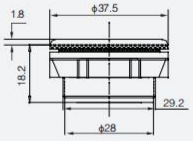
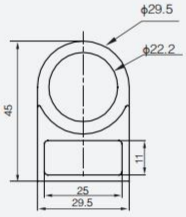
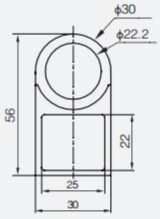
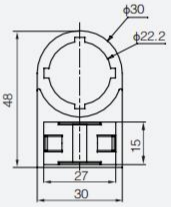
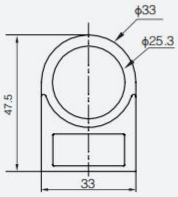
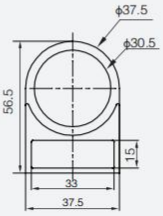
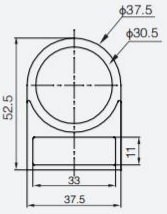
描述 describe		颜色 Color
 Φ40	GXB2-BC4 蘑菇钮头部弹簧返回自复型 Mushroom Head Spring Return Momentary	
 Φ60	GXB2-BR4 蘑菇钮头部弹簧返回自复型 Mushroom Head Spring Return Momentary	
 Φ30	GXB2-BS44 蘑菇头型急停钮头部旋转释放 Mushroom Head Twist Release	
 Φ40	GXB2-ES54 蘑菇头型急停钮头部旋转释放 Mushroom Head Twist Release	
 Φ60	GXB2-BS64 蘑菇头型急停钮头部旋转释放 Mushroom Head Twist Release	
 Φ40	GXB2-BT4 蘑菇头型急停钮头部拉拔释放 Mushroom head Push-Pull	
 Φ40	GXB2-BS14 钥匙急停头部钥匙旋转释放 Mushroom head return to release by key	
	GXB2-BA8134H 绿键 (平头型) 红键 (平头型)(带防水罩) Green button(Flush) Red button (Flush) IP40 (Waterproof cover)IP65	
	GXB2-BA834 绿键 (平头型) 红键 (平头型)(带防水罩) Green button(Flush) Red button (Flush) IP40 (Waterproof cover)IP65	
	GXB2-BA83 绿键 (平头型) 红键 (平头型)(带防水罩) Green button(Flush) Red button (Flush) IP40 (Waterproof cover)IP65	
	GXB2-BA84 绿键 (平头型) 红键 (平头型)(带防水罩) Green button(Flush) Red button (Flush) IP40 (Waterproof cover)IP65	

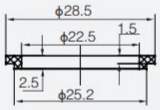
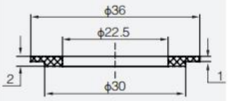
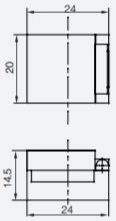
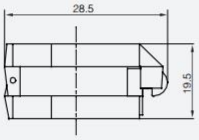
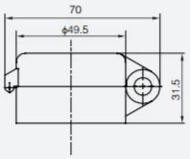
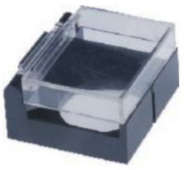
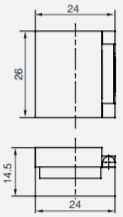
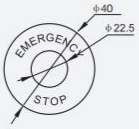
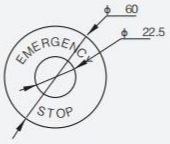
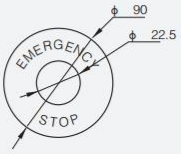
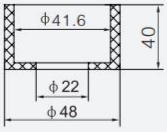
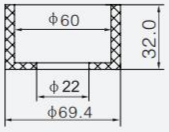
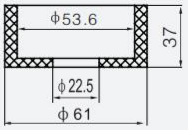
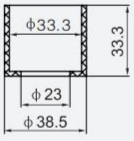
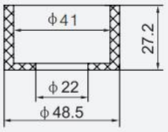
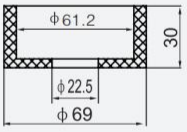
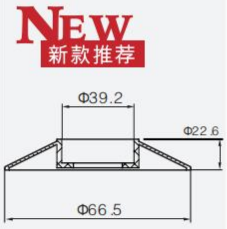
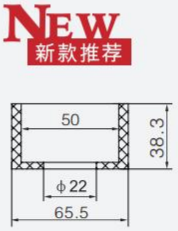
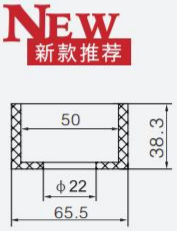
描述 describe		尺寸 size
	全电压灯泡 直接插入式灯座 Bottom seat of button with lamp Direct Type (LED/Neon)	GXB2-EV6 无推杆 (without push-shaft) GXB2-EW06 有推杆 (with push-shaft)
	全电压灯泡 直接插入式灯座 Bottom seat of button with lamp Direct Type (LED/Neon)	GXB2-BV6 无推杆 (without push-shaft) GXB2-BW06 有推杆 (with push-shaft)

描述 describe		尺寸 size
	全电压灯泡 直接插入式灯座 Bottom seat of button with lamp Direct Type (LED/Neon)	GXB2-EW6 无触点模块 (Without contact block) 带触点模块 (With contact block)
	全电压灯泡 直接插入式灯座 Bottom seat of button with lamp Direct Type (LED/Neon)	GXB2-BW6 无触点模块 (Without contact block) 带触点模块 (With contact block)

描述 describe		触点 Contact	型号 Type	颜色 Color	尺寸 size
 GXB2-BE101	触点模块 Contact Block	NO 3 4	GXB2-BE101	🟢	
 GXB2-BE102		NC 1 2	GXB2-BE102	🔴	
 GXB2-BZ101	触点模块 加中座 (金属) Contact Block and Holder(Metal)	NO 13 14	GXB2-BZ101	🟢	
		NO 13 14 + NO 13 14	GXB2-BZ103	🟢 🟢	
		NO 13 14 + NC 21 22	GXB2-BZ105	🟢 🔴	
 GXB2-BZ101		NC 21 22 + NC 21 22	GXB2-BZ104	🔴 🔴	
		NC 21 22	GXB2-BZ102	🔴	
 GXB2-EZ101	触点模块 加中座 (塑料) Contact Block and Holder(Plastic)	NO 13 14	GXB2-EZ101	🟢	
		NO 13 14 + NO 13 14	GXB2-EZ103	🟢 🟢	
		NO 13 14 + NC 21 22	GXB2-EZ105	🟢 🔴	
 GXB2-EZ101		NC 21 22 + NC 21 22	GXB2-EZ104	🔴 🔴	
		NC 21 22	GXB2-EZ102	🔴	

Parts of push button series

描述 describe	尺寸 size	描述 describe	尺寸 size	描述 describe	尺寸 size
 GXB2-PE16F		 GXB2-PE16A		 GXB2-PE22A	
 GXB2-PE22W		 GXB2-PE30C		 GXB2-PE22B	
 GXB2-PE22BH		 GXB2-PE22F		 GXB2-PE22F	
 GXB2-PE22FH		 GXB2-PE22CF		 GXB2-PE22CHF	
 GXB2-PB16		 GXB2-PB22		 GXB2-PB30	
 GXB2-EH2201		 GXB2-EH2208		 GXB2-EH2204	
 GXB2-EH2206		 GXB2-EH2225		 GXB2-EH2230	

描述 describe	尺寸 size	描述 describe	尺寸 size	描述 describe	尺寸 size
 GXB2-ER25 (AD22-ER25)		 GXB2-ER30 (AD22-ER30)		 GXB2-ZB16F	
 GXB2-EB22P		 GXB2-EB40P		 GXB2-ZB16CF	
 GXB2-ER40		 GXB2-ER60		 GXB2-ER90	
 GXB2-EC2		 GXB2-EC3		 GXB2-EC4	
 GXB2-EB30		 GXB2-EB40		 GXB2-EB60	
 GXB2-ER66		 GXB2-EC5-1		 GXB2-EC5	

概述 GENERAL DE SCRIPTION

LA115-C 系列控制元器件包括按钮、信号灯、旋钮、钥匙开关，推锁旋放钮和蜂鸣器，附件包括插座、开关防护罩和灯珠安装杆等。其开关结构紧凑，操作瞬动柔和，照明单元采用超光亮 LED．短头操作开关使用可靠边的镀金银触点，其卡装式结构罩拆装方便。

LA115-C series control elements includes button, signallamp, knob, key switch emergency stop button and buzzer', accessory ncludes socket, switch guard and mounting pole for bulb. The switch shows compact structure, instantaneous and soft operation.adopts super-brightness LED for illumination unit and the shortbody operating switch uses reliable gold plated and silver contact. t is very conven ient to assemble and disassemble for clamping type structure cover.

型号说明 MODEL & EXPLANATION

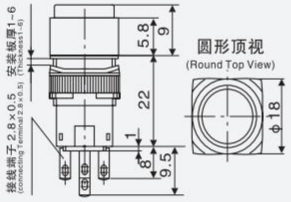
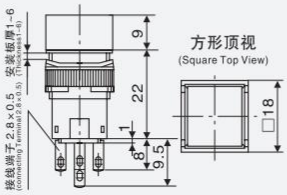
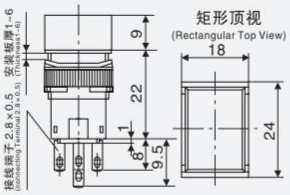
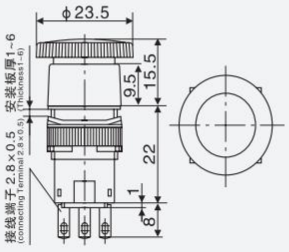
LA115 - C - □□ □ □ / □ / □ / □

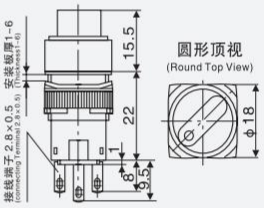
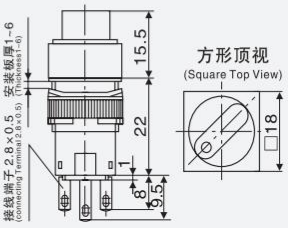
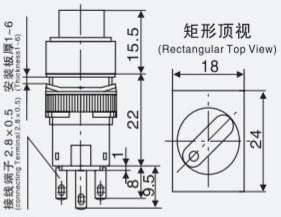
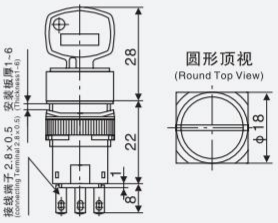
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

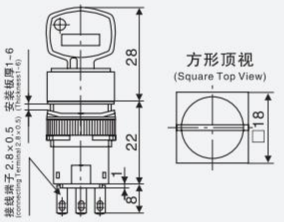
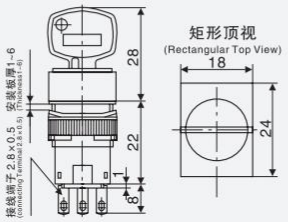
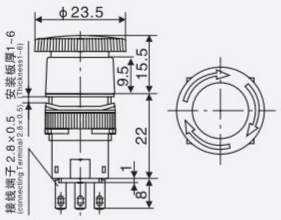
①：按钮开关型号 Push button code
②：设计序号 Design serial number
③：触点结构：第一位表示常开触头数；第二位表示常开触头号数
Contact structure: the first digit means number of NO contact; the second digit means number of NC contact
④：头部形状：圆形 A：方形 F：长方形 CF；蘑菇形 M;
Head shape: Round-A; Square-F; Rectangle-CF; Mushroom-M
⑤：操作类型：指示灯 XD；无标记为自复按钮；自锁按钮 L；急停按钮 ZS；钥匙开关 Y：选择开关 X：蜂鸣器 B
Operation type: XD: indicatorlight; No mark: Auto-resetting button;L:Auto-locking button;
ZS: Emergency-stop button; Y: key switch; X: selectorswitch;B:Buzzer
⑥：颜色：R：红：G: 绿；Y：黄；B：蓝；W: 白；K：黑 Color: R:Red; G:Green; Y:Yellow; B:Blue; W:White; K:Black
⑦：旋钮和钥匙开关类别：二位置：2：三位置：3： Sort of knob and key switch: 2P:2：3P:3
⑧：带灯部分电压 Part voltage with lamp

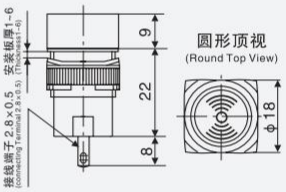
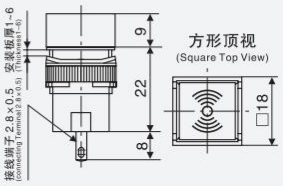
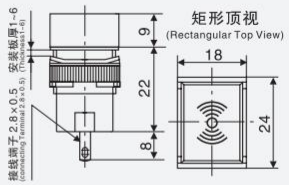
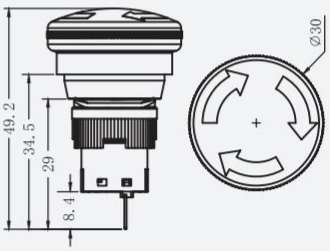
技术参数 TECHNICAL PARAMETERS

标准使用环境 Standard operational environment		周围温度 (Operational temperature)-25°C +50°C (无冻结); 操作温度 (Operational humidity): 45 ~85%(无结霜)
接触电阻 Contact resistance		≤ 50mΩ
绝缘电阻 Insulation resistance		≥ 100mΩ
最高耐压 Power-frequency with stand voltage	触点与灯珠引脚之间 Between contact and light Pearl's leg	2000 伏，交流 50Hz, 一分钟 AC2000V/50Hz,1 minute
	同极端子之间 Between terminals at same level	1000 伏，交流 50Hz，一分钟 AC 1000V/50Hz, 1 minute
	不同电极端子之间 Between poles at different level	2000 伏 , 交流 50Hz，一分钟 AC 2000V/50HZ, 1 minute
耐振动性 Vibration Durability		50Hz, 振幅约 1.2mm 50Hz, Swing about 1.2mm
耐冲击性 Strike Durability		大于 10m/s2(约 10q) > 10m/s2(about 10g)
机械寿命 Mechanical life		自复按钮 20 万次，其它 10 万次 Momentary pushbutton 200000 times, others 100000 times
电气寿命 Electric life		自复按钮 10 万次，其它 5 万次 Momentary pushbutton 100000 times, others 50000 times
接线 Wire connection		焊接线直径 2×0.8mm 最大； Welded wire diameter 2×0.8mm maximum;
		最大铜线面积 0.75mm2: 接线插 2.8 x 0.5mm Copper wire dimension:0.75mm2; Wire terminal:2.8 x 0.5mm
头部防护等级 Degree of protection		密封型 Seatledtvoe (Id40). 防水 / 油型 (IP65)

描述 describe	尺寸 size
 LA115-C-11A LA115-C-AXD 指示灯、带灯按钮 Indicatorlight&Illuminated Pushbutton	
 LA115-C-11F LA115-C-FXD 指示灯、带灯按钮 Indicatorlight&Illuminated Pushbutton	
 LA115-C-11CF LA115-C-CFXD 指示灯、带灯按钮 Indicatorlight&Illuminated Pushbutton	
 LA115-C-11M LA115-C-MXD 指示灯、带灯按钮 Indicatorlight&Illuminated Pushbutton	

描述 describe	尺寸 size
 LA115-C-11XCF LA115-C-22XCF 选择开关 Selector Switch	
 LA115-C-11XA LA115-C-22XA 选择开关 Selector Switch	
 LA115-C-11XF LA115-C-22XF 选择开关 Selector Switch	
 LA115-C-11YA LA115-C-22YA 钥匙选择开关 Key-operated	

描述 describe	尺寸 size
 LA115-C-11YF LA115-C-22YF 钥匙选择开关 Key-operated	
 LA115-C-11YF LA115-C-22YF 钥匙选择开关 Key-operated	
 LA115-C-11ZS LA115-C-22ZS 急停按钮 Emergency Stop Pushbutton	
 LA115-C2-11ZS LA115-C2-22ZS 急停钮 Emergency stop button	1NO+1NC 2NO+2NC

描述 describe	尺寸 size
 LA115-C-AB 蜂鸣器 Buzzer	
 LA115-C-FB 蜂鸣器 Buzzer	
 LA115-C-CFB 蜂鸣器 Buzzer	
 LA115-C3-11ZS LA115-C3-22ZS 急停钮 Emergency stop button	

型号说明 MODEL & EXPLANATION

GL - 12 F 1 0 □ E / R 24 - S J

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

①：GL: 金属按钮；GD: 金属指示灯；GDM: 金属蜂鸣器
GL:Metal button；GD:Metal indicator；GDM:Metal buzzer

②：安装孔径 Mounting aperture

③：形状 :B: 球形 (长壳体)；BA: 球形 (短壳体)；BC: 大头球形；BE: 圆外套球形；BF: 方外套球形；BP: 半塑料球形；F: 平钮 (长壳体)；FA: 平钮 (短壳体)
FC: 大头平钮；FE: 圆外套平钮；FF: 方外套平钮；H: 凸钮 (长壳体)；HA: 凸钮 (短壳体)；HE: 圆外套凸钮；HF: 方外套凸钮；
Shape:B: Spherical (Long shell)；BA:Spherical (Short shell)；BC: Spherical (Big head)；BE: Spherical (Round coat)；BF: Spherical (Square coat)；
BP:Spherical (Half plastic)；F: Flat button(Long shell)；FA: Flat button(Short shell)；FC: Flat button(Big head)；FE: Flat button(Round coat)；
FF: Flat button(Square coat)；H: High button(Long shell)；HA: High button(Short shell)；HE: High button(Round coat)；HF: High button(Square coat)

④：常开触头 NO contact

⑤：常闭触头 NC contact

⑥：T: 自锁；X: 二档旋钮；XS: 三档旋钮；M: 蘑菇钮；Y: 二档钥匙钮；YS: 三档钥匙钮；Z: 急停；ZC: 大头急停
T: aintained ush button；X:2-Position Selector button；XS: 3-Position Selector button；M: Mushroom push button；Y: 2-Position keyloc k selector；
YS: 3-Position keylock selecto；Z: Emergency stop button；ZC: mer qency stop button (Big head)

⑦：发光形式：E: 环形；D: 单点；S: 电源指示
Luminous form：E:Annular；D:Single point；S:Power indication

⑧：颜色 Colour：R(红色)；G(绿色)；Y(黄色)；；B(蓝色)；W(白色)；K(黑色)

⑨：电压 Voltage: AC.DC-21:6V；22:12V；23:24V；24:36V；25:48V；26:110V；27:127V；28:220V

⑩：外壳材料：A: 铝合金；N: 铜镀铬；S: 不锈钢；P: 塑料
Shell material：A:Aluminium alloy；N:Copper chromium piating；S: Stainless steel；P:Plastic

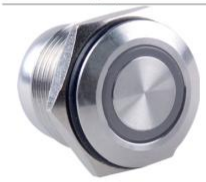
⑪：接线方式：J: 焊接脚；X: 带线；没有；默认接线柱
Connection mode：J:Welding；X:Belt line；No；Default Terminal

产品样式 (描述) Product style (description)		型号 Model
 安装孔径 Φ6mm Mounting aperture	24V 绿色 G 铜镀铬 Copper chromium piating	GD-6F/G23-NX
	24V 黄色 Y 不锈钢 Stainless steel	GD-6F/Y23-SX
 安装孔径 Φ6mm Mounting aperture	24V 红色 R 铜镀铬 Copper chromium piating	GD-8F/R23-NJ
	24V 红色 R 不锈钢 Stainless steel	GD-8F/R23--SJ
 安装孔径 Φ12mm Mounting aperture	24V 绿色 G 铜镀铬 Copper chromium piating	GD-12F/G23-N
	24V 白色 W 不锈钢 Stainless steel	GD-12F/W23-S
 安装孔径 Φ16mm Mounting aperture	24V 绿色 G 铜镀铬 Copper chromium piating	GD-16F/G23-N
	24V 蓝色 B 不锈钢 Stainless steel	GD-16F/B23-S

产品样式 (描述) Product style (description)		型号 Model
 安装孔径 Φ19mm Mounting aperture	24V 绿色 G 铜镀铬 Copper chromium piating	GD-19F/R23-N
	24V 黄色 Y 不锈钢 Stainless steel	GD-19F/Y23-S
 安装孔径 Φ22mm Mounting aperture	24V 红色 R 铜镀铬 Copper chromium piating	GD-22F/G23-N
	24V 红色 R 不锈钢 Stainless steel	GD-22F/Y23-S
 安装孔径 Φ25mm Mounting aperture	24V 蓝色 B 铜镀铬 Copper chromium piating	GD-25F/B23-N
	24V 黄色 Y 不锈钢 Stainless steel	GD-25F/Y23-S
 安装孔径 Φ30mm Mounting aperture	24V 白色 W 铜镀铬 Copper chromium piating	GD-30F/W23-N
	24V 黄色 Y 不锈钢 Stainless steel	GD-30F/Y23-S

产品样式 Product style	描述 description		外壳材料 Shell material	型号 Model
 安装孔径 Φ16mm Mounting aperture	24V 蜂鸣器 Metal buzzer		铜镀铬 Copper chromium piating	GDM-16BE/R23-N
	24V 蜂鸣器 Metal buzzer		不锈钢 Stainless steel	GDM-16BE/R23-S
 安装孔径 Φ19mm Mounting aperture	24V 蜂鸣器 Metal buzzer		铜镀铬 Copper chromium piating	GDM-19BE/R23-N
	24V 蜂鸣器 Metal buzzer		不锈钢 Stainless steel	GDM-19BE/R23-S
 安装孔径 Φ22mm Mounting aperture	24V 蜂鸣器 Metal buzzer		铜镀铬 Copper chromium piating	GDM-22BE/R23-N
	24V 蜂鸣器 Metal buzzer		不锈钢 Stainless steel	GDM-22BE/R23-S
 安装孔径 Φ12mm Mounting aperture	1NO 自复钮 Momentary	大头球形 / 接线柱 Spherical (Big head)/Terminal	铜镀铬 Copper chromium piating	GL-12BC10-N
			不锈钢 Stainless steel	GL-12BC10-S
	1NO 自复钮 Momentary	大头球形 / 焊接脚 Spherical (Big head)/Weldingl	铜镀铬 Copper chromium piating	GL-12BC10-NJ
			不锈钢 Stainless steel	GL-12BC10-SJ
	1NO+1NC 自复钮 Momentary	大头球形 / 焊接脚 Spherical (Big head)/Weldingl	铜镀铬 Copper chromium piating	GL-12BC11-NJ
			不锈钢 Stainless steel	GL-12BC11-SJ
 安装孔径 Φ12mm Mounting aperture	1NO 自复钮 Momentary	大头球形 / 接线柱 Spherical (Big head)/Terminal	铜镀铬 Copper chromium piating	GL-12FC10-N
			不锈钢 Stainless steel	GL-12FC10-S
	1NO 自复钮 Momentary	大头球形 / 焊接脚 Spherical (Big head)/Weldingl	铜镀铬 Copper chromium piating	GL-12FC10-NJ
			不锈钢 Stainless steel	GL-12FC10-SJ
	1NO+1NC 自复钮 Momentary	大头球形 / 焊接脚 Spherical (Big head)/Weldingl	铜镀铬 Copper chromium piating	GL-12FC11-NJ
			不锈钢 Stainless steel	GL-12FC11-SJ
 安装孔径 Φ12mm Mounting aperture	1NO 自复钮 Momentary	大头球形 / 接线柱 Spherical (Big head)/Terminal	铜镀铬 Copper chromium piating	GL-12BP10-N
			不锈钢 Stainless steel	GL-12BP10-S
	1NO 自复钮 Momentary	大头球形 / 焊接脚 Spherical (Big head)/Weldingl	铜镀铬 Copper chromium piating	GL-12BP10-NJ
			不锈钢 Stainless steel	GL-12BP10-SJ
	1NO+1NC 自复钮 Momentary	大头球形 / 焊接脚 Spherical (Big head)/Weldingl	铜镀铬 Copper chromium piating	GL-12BP11-NJ
			不锈钢 Stainless steel	GL-12BP11-SJ

产品样式 Product style	描述 description		外壳材料 Shell material	型号 Model
 安装孔径 Φ12mm Mounting aperture	1NO 自复钮 Momentary	平钮 / 焊接脚 Flat button/Weldingl	铜镀铬 Copper chromium piating	GL-12F10-NJ
			不锈钢 Stainless steel	GL-12F10-SJ
	1NO 自锁钮 Maintained	平钮 / 焊接脚 Flat button/Weldingl	铜镀铬 Copper chromium piating	GL-12F10T-NJ
			不锈钢 Stainless steel	GL-12F10T-SJ
 安装孔径 Φ12mm Mounting aperture	1NO 自复钮 Momentary	凸钮 / 焊接脚 High button/Weldingl	铜镀铬 Copper chromium piating	GL-12H10-NJ
			不锈钢 Stainless steel	GL-12H10-SJ
	1NO 自锁钮 Maintained	凸钮 / 焊接脚 High button/Weldingl	铜镀铬 Copper chromium piating	GL-12H10T-NJ
			不锈钢 Stainless steel	GL-12H10T-SJ
 安装孔径 Φ12mm Mounting aperture	(24V 红色 R) 1NO 自复钮 Momentary	平钮 / 焊接脚 (环形带灯) Flat button/Weldingl(Annular belt lamp)	铜镀铬 Copper chromium piating	GL-12F10E/R23-NJ
			不锈钢 Stainless steel	GL-12F10E/R23-SJ
	(24V 红色 R) 1NO 自锁钮 Maintained	平钮 / 焊接脚 (环形带灯) Flat button/Weldingl(Annular belt lamp)	铜镀铬 Copper chromium piating	GL-12F10TE/R23-NJ
			不锈钢 Stainless steel	GL-12F10TE/R23-SJ
 安装孔径 Φ12mm Mounting aperture	(24V 红色 R) 1NO 自复钮 Momentary	凸钮 / 焊接脚 (单点带灯) High button/Weldingl (Single point belt lamp)	铜镀铬 Copper chromium piating	GL-12H10D/R23-NJ
			不锈钢 Stainless steel	GL-12H10D/R23-SJ
	(24V 红色 R) 1NO 自锁钮 Maintained	凸钮 / 焊接脚 (单点带灯) High button/Weldingl (Single point belt lamp)	铜镀铬 Copper chromium piating	GL-12H10TD/R23-NJ
			不锈钢 Stainless steel	GL-12H10TD/R23-SJ
 安装孔径 Φ12mm Mounting aperture	(24V 红色 R) 1NO 自复钮 Momentary	凸钮 / 焊接脚 (环形带灯) High button/Weldingl (Annular belt lamp)	铜镀铬 Copper chromium piating	GL-12H10E/R23-NJ
			不锈钢 Stainless steel	GL-12H10E/R23-SJ
	(24V 红色 R) 1NO 自锁钮 Maintained	凸钮 / 焊接脚 (环形带灯) High button/Weldingl (Annular belt lamp)	铜镀铬 Copper chromium piating	GL-12H10TE/R23-NJ
			不锈钢 Stainless steel	GL-12H10TE/R23-SJ
 安装孔径 Φ16mm Mounting aperture	1NO 自复钮 Momentary	球形 / 接线柱 Spherical/Terminal	铜镀铬 Copper chromium piating	GL-16BA10-N
			不锈钢 Stainless steel	GL-16BA10-S
	1NO 自复钮 Momentary	球形 / 焊接脚 Spherical /Weldingl	铜镀铬 Copper chromium piating	GL-16BA10-NJ
			不锈钢 Stainless steel	GL-16BA10-SJ
 安装孔径 Φ16mm Mounting aperture	1NO 自复钮 Momentary	平钮 / 接线柱 Flat button/Terminal	铜镀铬 Copper chromium piating	GL-16FA10-N
			不锈钢 Stainless steel	GL-16FA10-S
	1NO 自复钮 Momentary	平钮 / 焊接脚 Flat button /Weldingl	铜镀铬 Copper chromium piating	GL-16FA10-NJ
			不锈钢 Stainless steel	GL-16FA10-SJ

产品样式 Product style	描述 Description			外壳材料 Shell material	型号 Model
 安装孔径 Φ16mm Mounting aperture	1NO 自复钮 Momentary		凸钮 / 接线柱 High button/Terminal	铜镀铬 Copper chromium piating	GL-16HA10-N
				不锈钢 Stainless steel	GL-16HA10-S
	1NO 自复钮 Momentary		凸钮 / 焊接脚 High button /Weldingl	铜镀铬 Copper chromium piating	GL-16HA10-NJ
				不锈钢 Stainless steel	GL-16HA10-SJ
 安装孔径 Φ16mm Mounting aperture	(24V 红色 R) 1NO 自复钮 Momentary		平钮 / 焊接脚 (环形带灯) Flat button/Weldingl (Annular belt lamp)	铜镀铬 Copper chromium piating	GL-16FA10E/R23-NJ
				不锈钢 Stainless steel	GL-16FA10E/R23-SJ
	(24V 红色 R) 1NO 自复钮 Momentary		凸钮 / 焊接脚 (环形带灯) High button/Weldingl (Annular belt lamp)	铜镀铬 Copper chromium piating	GL-16HA10E/R23-NJ
				不锈钢 Stainless steel	GL-16HA10E/R23-SJ
 安装孔径 Φ16mm Mounting aperture	(24V 红色 R)1NO 自复钮 Momentary		平钮 / 焊接脚 (电源指示) Flat button/Weldingl (Power indication)	铜镀铬 Copper chromium piating	GL-16FA10S/R23-NJ
				不锈钢 Stainless steel	GL-16FA10S/R23-SJ
	(24V 红色 R) 1NO 自复钮 Momentary		凸钮 / 焊接脚 (电源指示) High button/Weldingl (Power indication)	铜镀铬 Copper chromium piating	GL-16HA10S/R23-NJ
				不锈钢 Stainless steel	GL-16HA10S/R23-SJ
 安装孔径 Φ16mm Mounting aperture	平钮 (自复钮)/ 焊接脚 Flat button(Momentary)/Weldingl		1NO+1NC	铜镀铬 Copper chromium piating	GL-16F11-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16F22-SJ
	平钮 (自锁钮)/ 焊接脚 Flat button(Maintained)/Weldingl		1NO+1NC	铜镀铬 Copper chromium piating	GL-16F11T-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16F22T-SJ
	凸钮 (自复钮)/ 焊接脚 High button(Momentary)/ Weldingl		1NO+1NC	铜镀铬 Copper chromium piating	GL-16H11-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16H22-SJ
	凸钮 (自锁钮)/ 焊接脚 High button(Maintained)/ Weldingl		1NO+1NC	铜镀铬 Copper chromium piating	GL-16H11T-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16H22T-SJ
 安装孔径 Φ16mm Mounting aperture	(24V 红色 R) 平钮 焊接脚 (环形带灯) Flat button Weldingl (Annular belt lamp)	自复钮 Momentary	1NO+1NC	铜镀铬 Copper chromium piating	GL-16F11E/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16F22E/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 Copper chromium piating	GL-16F11TE/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16F22TE/R23-SJ
	(24V 红色 R) 凸钮 焊接脚 (环形带灯) High button Weldingl (Annular belt lamp)	自复钮 Momentary	1NO+1NC	铜镀铬 Copper chromium piating	GL-16H11E/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16H22E/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 Copper chromium piating	GL-16H11TE/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16H22TE/R23-SJ

产品样式 Product style	描述 description			外壳材料 Shell material	型号 Model
 安装孔径 Φ16mm Mounting aperture	(24V 红色 R) 平钮 焊接脚 (电源指示) Flat button Weldingl (Power indication)	自复钮 Momentary	1NO+1NC	铜镀铬 Copper chromium piating	GL-16F11S/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16F11S/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 Copper chromium piating	GL-16F11TS/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16F11TS/R23-SJ
	(24V 红色 R) 凸钮 焊接脚 (电源指示) High button Weldingl (Power indication)	自复钮 Momentary	1NO+1NC	铜镀铬 Copper chromium piating	GL-16H11S/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16H11S/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 Copper chromium piating	GL-16H11TS/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-16H11TS/R23-SJ

GL-16 壳体可电镀彩色 The shell can be plated with color

产品样式 Product style	描述 description			外壳材料 Shell material	型号 Model
 安装孔径 Φ19mm Mounting aperture	1NO 自复钮 Momentary	球形钮 / 接线柱 Spherical button/ Terminal		铜镀铬 Copper chromium piating	GL-19BA10-N
				不锈钢 Stainless steel	GL-19BA10-S
	1NO 自复钮 Momentary	球形钮 / 焊接脚 Spherical button/Weldingl		铜镀铬 Copper chromium piating	GL-19BA10-NJ
				不锈钢 Stainless steel	GL-19BA10-SJ
 安装孔径 Φ19mm Mounting aperture	1NO 自复钮 Momentary	平钮 / 接线柱 Flat button/ Terminal		铜镀铬 Copper chromium piating	GL-19FA10-N
				不锈钢 Stainless steel	GL-19FA10-S
	1NO 自复钮 Momentary	平钮 / 焊接脚 Flat button/Weldingl		铜镀铬 Copper chromium piating	GL-19FA10-NJ
				不锈钢 Stainless steel	GL-19FA10-SJ
 安装孔径 Φ19mm Mounting aperture	1NO 自复钮 Momentary	凸钮 / 接线柱 High button/ Terminal		铜镀铬 C opper chromium piating	GL-19HA10-N
				不锈钢 Stainless steel	GL-19HA10-S
	1NO 自复钮 Momentary	凸钮 / 焊接脚 High button/Weldingl		铜镀铬 C opper chromium piating	GL-19HA10-NJ
				不锈钢 Stainless steel	GL-19HA10-SJ
 安装孔径 Φ19mm Mounting aperture	(24V 红色 R) 1NO 自复钮 Momentary	平钮 / 接线柱 (环形带灯) Flat button/ Terminal (Annular belt lamp)		铜镀铬 C opper chromium piating	GL-19FA10E/R23-N
				不锈钢 Stainless steel	GL-19FA10E/R23-S
	(24V 红色 R) 1NO 自复钮 Momentary	平钮 / 焊接脚 (环形带灯) Flat button/Weldingl (Annular belt lamp)		铜镀铬 C opper chromium piating	GL-19FA10E/R23-NJ
				不锈钢 Stainless steel	GL-19FA10E/R23-SJ
 安装孔径 Φ19mm Mounting aperture	平钮 / 焊接脚 Flat button/Weldingl	自复钮 Momentary	1NO+1NC	铜镀铬 C opper chromium piating	GL-19F11-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19F22-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 C opper chromium piating	GL-19F11T-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19F22T-SJ
	凸钮 / 焊接脚 High button/Weldingl	自复钮 Momentary	1NO+1NC	铜镀铬 C opper chromium piating	GL-19H11-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19H22-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 C opper chromium piating	GL-19H11T-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19H11T-NJ

产品样式 Product style	描述 description			外壳材料 Shell material	型号 Model
 安装孔径 Φ19mm Mounting aperture	(24 V 红色 R) 平钮焊接脚 (环形带灯) Flat button Weldingl (Annular belt lamp)	自复钮 Momentary	1NO+1NC	铜镀铬 C opper chromium piating	GL-19F11E/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19F22E/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 C opper chromium piating	GL-19F11TE/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19F22TE/R23-SJ
	(24 V 红色 R) 凸钮焊接脚 (环形带灯) High button Weldingl (Annular belt lamp)	自复钮 Momentary	1NO+1NC	铜镀铬 C opper chromium piating	GL-19H11E/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19H22E/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 C opper chromium piating	GL-19H11TE/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19H22TE/R23-SJ
 安装孔径 Φ19mm Mounting aperture	(24 V 红色 R) 平钮焊接脚 (电源指示) Flat button Weldingl (Power indication)	自复钮 Momentary	1NO+1NC	铜镀铬 C opper chromium piating	GL-19F11S/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19F22S/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 C opper chromium piating	GL-19F11TS/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19F22TS/R23-SJ
	(24 V 红色 R)C 凸钮焊接脚 (电源指示) High button Weldingl (Power indication)	自复钮 Momentary	1NO+1NC	铜镀铬 C opper chromium piating	GL-19H11S/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19H22S/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 C opper chromium piating	GL-19H11TS/R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19H22TS/R23-SJ
 安装孔径 Φ19mm Mounting aperture	焊接脚 Weldingl	二档旋钮 2-Position Selector button	1NO+1NC	铜镀铬 C opper chromium piating	GL-19X11-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19X22-SJ
		三档旋钮 3-Position Selector button	1NO+1NC	铜镀铬 C opper chromium piating	GL-19XS22-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19XS22-SJ
 安装孔径 Φ19mm Mounting aperture	焊接脚 Weldingl (24V 红色 R)	二档旋钮 2-Position Selector button	1NO+1NC	铜镀铬 C opper chromium piating	GL-19X11/ R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19X22/ R23-SJ
		三档旋钮 3-Position Selector button	1NO+1NC	铜镀铬 C opper chromium piating	GL-19XS22/ R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19XS22/ R23-SJ
 安装孔径 Φ19mm Mounting aperture	焊接脚 Weldingl	二档钥匙钮 2-Position keylock selector	1NO+1NC	铜镀铬 C opper chromium piating	GL-19Y11-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19Y11-SJ
		三档钥匙钮 3-Position keylock selector	1NO+1NC	铜镀铬 C opper chromium piating	GL-19YS22-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-19YS22-SJ
 安装孔径 Φ19mm Mounting aperture	蘑菇钮 Mushroom push button 焊接脚 Weldingl		1NO+1NC	铜镀铬 C opper chromium piating	GL-19M11/R-NJ
			2NO+2NC		GL-19M22/R-NJ
			1NO+1NC	不锈钢 Stainless steel	GL-19M11/R-SJ
			2NO+2NC		GL-19M22/R-SJ
 安装孔径 Φ19mm Mounting aperture	急停 emergency stop button 焊接脚 Weldingl		1NO+1NC	铜镀铬 Copper chromium piating	GL-19Z11-AJ
			2NO+2NC	铜镀铬 Copper chromium piating	GL-19Z22-AJ
 安装孔径 Φ19mm Mounting aperture	大急停钮 emergency stop button(Big head)		1NO+1NC	铜镀铬 Copper chromium piating	GL-19ZC11-AJ
			2NO+2NC	铜镀铬 Copper chromium piating	GL-19ZC22-AJ

GL-19 壳体可电镀彩色 The shell can be plated with color

产品样式 Product style	描述 description			外壳材料 Shell material	型号 Model
 安装孔径 Φ22mm Mounting aperture	平钮 / 接线柱 Flat button/ Terminal	自复钮 Momentary	1NO	铜镀铬 Copper chromium piating	GL-22FA10-N
			1NO	不锈钢 Stainless steel	GL-22FA10-S
	凸钮 / 接线柱 High button/ Terminal	自复钮 Momentary	1NO	铜镀铬 Copper chromium piating	GL-22HA10-N
			1NO	不锈钢 Stainless steel	GL-22HA10-S
 安装孔径 Φ22mm Mounting aperture	(24 V 红色 R) 平钮 / 接线柱 (环形带灯) Flat button/ Terminal (Annular belt lamp)	自复钮 Momentary	1NO	铜镀铬 Copper chromium piating	GL-22FA10E/R23-N
			1NO	不锈钢 Stainless steel	GL-22FA10E/R23-S
		自复钮 Momentary	1NO	铜镀铬 Copper chromium piating	GL-22FA10TE/R23-N
			1NO	不锈钢 Stainless steel	GL-22FA10TE/R23-S
 安装孔径 Φ22mm Mounting aperture	平钮 / 焊接脚 Flat button/Weldingl	自复钮 Momentary	1NO+1NC	铜镀铬 Copper chromium piating	GL-22F11-NJ
			1NO+1NC	不锈钢 Stainless steel	GL-22F11-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 Copper chromium piating	GL-22F11T-NJ
			1NO+1NC	不锈钢 Stainless steel	GL-22F11T-SJ
 安装孔径 Φ22mm Mounting aperture	(24 V 红色 R) 平钮 Flat button 焊接脚 (环形带灯) Weldingl (Annular belt lamp)	自复钮 Momentary	1NO+1NC	铜镀铬 C opper chromium piating	GL-22F11E/R23-NJ
			1NO+1NC	不锈钢 Stainless steel	GL-22F11E/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 C opper chromium piating	GL-22F11TE/R23-NJ
			1NO+1NC	不锈钢 Stainless steel	GL-22F11TE/R23-SJ
 安装孔径 Φ22mm Mounting aperture	(24 V 红色 R) 平钮 Flat button 焊接脚 (电源指示) Weldingl (Power indication)	自复钮 Momentary	1NO+1NC	铜镀铬 C opper chromium piating	GL-22F11S/R23-NJ
			1NO+1NC	不锈钢 Stainless steel	GL-22F11S/R23-SJ
		自锁钮 Maintained	1NO+1NC	铜镀铬 C opper chromium piating	GL-22F11TS/R23-NJ
			1NO+1NC	不锈钢 Stainless steel	GL-22F11TS/R23-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl	二档旋钮 2-Position Selector button	1NO+1NC	铜镀铬 C opper chromium piating	GL-22X11-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-22X22-SJ
		三档旋钮 3-Position Selector button	2NO+2NC	铜镀铬 C opper chromium piating	GL-22XS22-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-22XS22-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl (2 4 V 红色 R)	二档旋钮 2-Position Selector button	1NO+1NC	铜镀铬 C opper chromium piating	GL-22X11/ R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-22X22/ R23-SJ
		三档旋钮 3-Position Selector button	2NO+2NC	铜镀铬 C opper chromium piating	GL-22XS22/ R23-NJ
			2NO+2NC	不锈钢 Stainless steel	GL-22XS22/ R23-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 圆外套球形钮 Spherical (Round coat)	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-22BE11-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-22BE22-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-22BE11T-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-22BE22T-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 圆外套平钮 Flat button(Round coat)	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-22FE11-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-22FE22-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-22FE11T-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-22FE22T-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 圆外套凸钮 High button(Round coat)	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-22HE11-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-22HE22-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-22HE11T-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-22HE22T-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 24V 红色 R 环形带灯 Annular belt lamp 圆外套平钮 Flat button(Round coat)	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-22FE11E/R23-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-22FE22E/R23-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-22FE11TE/R23-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-22FE22TE/R23-SJ

产品样式 Product style	描述 description				外壳材料 Shell material	型号 Model
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 圆外套平钮 Flat button(Round coat)	自复钮 Momentary	绿色 G	1NO+1NC	塑料 Plastic	GL-22FE11/G-PJ
			24V 绿色 G	1NO+1NC	塑料 Plastic	GL-22FE11/G23-PJ
		自锁钮 Maintained	红色钮 R	2NO+2NC	塑料 Plastic	GL-22FE22T/R-PJ
			24V 红色 R	1NO+1NC	塑料 Plastic	GL-22FE11T/R23-PJ
	电源指示 Power indication 焊接脚 Weldingl 圆外套平钮 Flat button(Round coat)	自复钮 Momentary	绿色 G	1NO+1NC	塑料 Plastic	GL-22FE11S/G-PJ
			24V 绿色 G	1NO+1NC	塑料 Plastic	GL-22FE11S/G23-PJ
		自锁钮 Maintained	红色钮 R	1NO+1NC	塑料 Plastic	GL-22FE11TS/R-PJ
			24V 红色 R	1NO+1NC	塑料 Plastic	GL-22FE11TS/R23-PJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 方外套球形钮 Spherical (Square coat)	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-22BF11-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-22BF22-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-22BF11T-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-22BF22T-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 方外套平钮 Flat button(Square coat)	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-22FF11-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-22FF22-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-22FF11T-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-22FF22T-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 方外套凸钮 High button(Square coat)	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-22HF11-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-22HF22-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-22HF11T-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-22HF22T-SJ
 安装孔径 Φ22mm Mounting aperture	焊接脚 Weldingl 24V 红色 R 环形带灯 Annular belt lamp 方外套平钮 Flat button(Square coat)	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-22FF11E/R23-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-22FF22E/R23-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-22FF11TE/R23-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-22FF22TE/R23-SJ
 安装孔径 Φ25mm Mounting aperture	平钮 / 焊接脚 Flat button/Weldingl	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-25F11-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25F22-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-25F11T-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25F22T-SJ
 安装孔径 Φ25mm Mounting aperture	凸钮 / 接线柱 High button/ Terminal	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-25H11-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25H22-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-25H11T-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25H22T-SJ
 安装孔径 Φ25mm Mounting aperture	(2 4 V 红色 R) 平钮 Flat button 焊接脚 (单点带灯) Weldingl (Single point)	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-25F11D/R23-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25F22D/R23-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-25F11TD/R23-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25F22TD/R23-SJ
 安装孔径 Φ25mm Mounting aperture	(2 4 V 红色 R) 平钮 Flat button 焊接脚 (环形带灯) Weldingl (Annular belt lamp)	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-25F11E-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25F22E-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-25F11TE-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25F22TE-SJ
 安装孔径 Φ25mm Mounting aperture	(2 4 V 红色 R) 平钮 Flat button 焊接脚 (电源指示) Weldingl (Power indication)	自复钮 Momentary	1NO+1NC		不锈钢 Stainless steel	GL-25F11S/R23-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25F22S/R23-SJ
		自锁钮 Maintained	1NO+1NC		不锈钢 Stainless steel	GL-25F11TS/R23-SJ
			2NO+2NC		不锈钢 Stainless steel	GL-25F22TS/R23-SJ

产品样式 Product style	描述 description			外壳材料 Shell material	型号 Model
 安装孔径 Φ30mm Mounting aperture	平钮 / 焊接脚 Flat button/Weldingl	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-30F11-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30F22-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-30F11T-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30F22T-SJ
 安装孔径 Φ30mm Mounting aperture	凸钮 / 接线柱 High button/ Terminal	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-30H11-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30H22-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-30H11T-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30H22T-SJ
 安装孔径 Φ30mm Mounting aperture	(24 V 红色 R) 平钮 Flat button 焊接脚 (单点带灯) Weldingl (Single point)	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-30F11D/R23-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30F22D/R23-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-30F11TD/R23-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30F22TD/R23-SJ
 安装孔径 Φ30mm Mounting aperture	(24 V 红色 R) 平钮 Flat button 焊接脚 (环形带灯) Weldingl (Annular belt lamp)	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-30F11E/R23-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30F22E/R23-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-30F11TE/R23-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30F22TE/R23-SJ
 安装孔径 Φ30mm Mounting aperture	(24 V 红色 R) 平钮 Flat button 焊接脚 (电源指示) Weldingl (Power indication)	自复钮 Momentary	1NO+1NC	不锈钢 Stainless steel	GL-30F11S/R23-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30F22S/R23-SJ
		自锁钮 Maintained	1NO+1NC	不锈钢 Stainless steel	GL-30F11TS/R23-SJ
			2NO+2NC	不锈钢 Stainless steel	GL-30F22TS/R23-SJ
	按钮插座 button socket 适应安装尺寸 : Suitable for installation size: Φ16、Φ19、Φ22mm 大底座 Large base	5 根线 wireway		塑料 Plastic	GL-S16-5
		8 根线 wireway		塑料 Plastic	GL-S16-8
	按钮插座 button socket 适应安装尺寸 : Suitable for installation size: Φ22、Φ25、Φ30mm 大底座 Large base	6 根线 wireway		塑料 Plastic	GL-S22-6
	按钮插座 Button socket 适应安装尺寸 : Suitable for installation size: Φ22、Φ25、Φ30mm 大底座 Large base	6 根线 wireway		塑料 Plastic	GL-S25-6
		10 根线 wireway		塑料 Plastic	GL-S25-10
	按钮防护座 Button protection seat 适应安装尺寸 : Φ19mm Suitable for installation size: Φ19mm			塑料 Plastic	GXB2-EC19
	按钮防护片 Button shield	适应安装尺寸 : Φ16mm Suitable for installation size: Φ16mm			GXB2-ZB16FL
		适应安装尺寸 : Φ19mm Suitable for installation size: Φ19mm			GXB2-ZB19FL
		适应安装尺寸 : Φ22mm Suitable for installation size: Φ22mm			GXB2-ZB22FL

型号命名方式解释(Explanation of Type Designation)

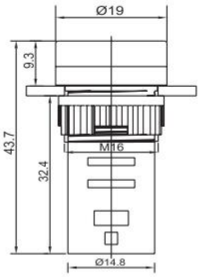
示例:(Example)

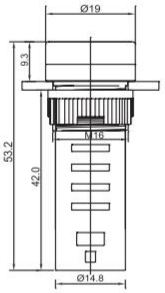
AD116 - □ □ □ / □ □ ▲ △

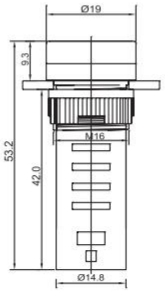
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

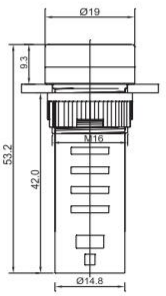
①: AD116 系列 AD116 Series
②: 颈部安装尺寸 Installing size of neck
③: 同一颈部尺寸的不同类型 (A、B、C、D、E、F)
Which meah different types in the same neck size(A、B、C、D、E、F)
④: 无字母为标准型，超短型时注：“S” No letter is standard type, mark “S” for ultra-short type
⑤: M: 蜂鸣器 buzzer，MFS: 闪光蜂鸣器 :Flashing buzze
⑥: 罩面颜色 Lens color
⑦: 电压代码 Voltage code
⑧: 壳体颜色 (W: 白色，无字母为黑色)Body color(W : White, Black : do not need to write code

	Φ22 LED 电压指示灯 电压测试范围：AC-50~500V	红、绿、黄色	AD116-22DSV/ ▲△
		蓝、白色	AD116-22DSV/W △
	Φ22 LED 电流指示灯 电压测试范围：AC-50~500V 互感器参数： 变比：2000:1 测量电流：1~99.9A 输入电流：100A 输出 50mA	红、绿、黄色	AD116-22DSA/ ▲△
		蓝、白色	AD116-22DSA/W △
		使用说明：壳体后面两条引线为互感器专用连接线 请勿直接连接电源使用以免损毁产品	
	Φ22 LED 赫兹表 频率测试范围：20Hz~450Hz 输入电压：50V~500V 以上产品可定制直流产品 (电压范围 12V~135V)	红、绿、黄色	AD116-22DHZ/ ▲△
		蓝、白色	AD116-22DHZ/W △
	Φ22 蜂鸣器 (拧开产品罩面可自行切换以下发生模式) 持续发声、间断发声、指示灯闪亮间断发声声响延时关闭	红、绿、黄色	AD116-22DS/MFS/ ▲△

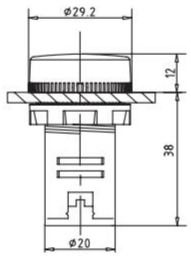
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
	127V	220V	380V	
AD116-16C 指示灯 Pilot Light Φ16	380V			

描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V	127V	
	24V	36V	220V	
	48V	110V		
	127V	220V	380V	
AD116-16D/M 蜂鸣器 Buzzer Φ16	380V			

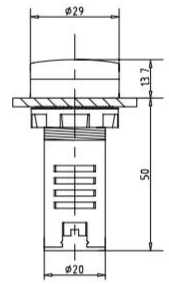
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
	127V	220V	380V	
AD116-16D 指示灯 Pilot Light Φ16	380V			

	AC/DC		AC	
	6V	12V	127V	
	24V	36V	220V	
	48V	110V		
	127V	220V	380V	
AD116-16D/MFS 蜂鸣器 Ultra-short flashing buzzer Φ16	380V			

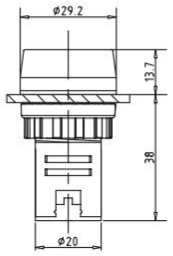
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22AS 指示灯 Pilot Light Φ22	127V	220V	380V	
	380V			



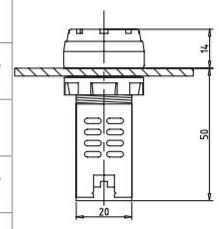
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22D 指示灯 Pilot Light Φ22	127V	220V	380V	
	380V			



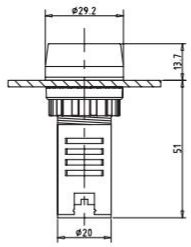
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22BS 指示灯 Pilot Light Φ22	127V	220V	380V	
	380V			



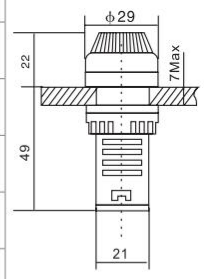
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22E 指示灯 Pilot Light Φ22	127V	220V	380V	
	380V			



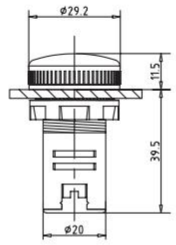
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22B 指示灯 Pilot Light Φ22	127V	220V	380V	
	380V			



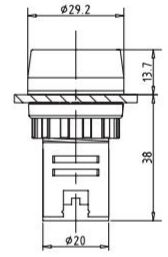
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22H 指示灯 Pilot Light Φ22	127V	220V	380V	
	380V			



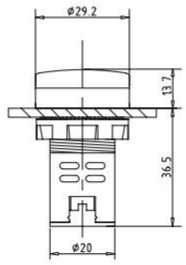
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22CS 指示灯 Pilot Light Φ22	127V	220V	380V	
	380V			



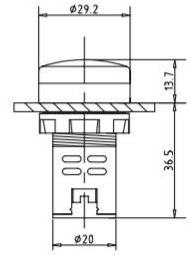
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22BFS 闪光指示灯 Flashing indicator lamp Φ22	127V	220V	380V	
	380V			



描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22DS 指示灯 Pilot Light Φ22	127V	220V	380V	
	380V			



描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22DFS 闪光指示灯 Flashing indicator lamp Φ22	127V	220V	380V	
	380V			

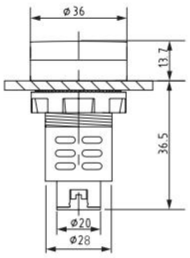


描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22D/B 双色指示灯 Double-color Light Φ22 1 2 3 4 5 6	127V	220V	380V	
	380V			
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22W/D 指示灯 Pilot Light Φ22 1 2 3 4 5 6	127V	220V	380V	
	380V			
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22BS/M 蜂鸣器 Buzzer Φ22	127V	220V	380V	
	380V			
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22BS/MFS 闪光蜂鸣器 Flashing buzzer Φ22	127V	220V	380V	
	380V			
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22B/M 蜂鸣器 Buzzer Φ22	127V	220V	380V	
	380V			

描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	220V	
	48V	110V		
AD116-22B/MFS 闪光蜂鸣器 Flashing buzzer Φ22	127V	220V	380V	
	380V			
	AC/DC		AC	
	6V	12V		
	24V	36V	127V	
	48V	110V	220V	
AD116-22DS/M 蜂鸣器 Buzzer Φ22	127V	220V	380V	
	380V			
	AC/DC		AC	
	6V	12V		
	24V	36V	127V	
	48V	110V	220V	
AD116-22DS/MFS 闪光蜂鸣器 Flashing buzzer Φ22	127V	220V	380V	
	380V			
	AC/DC		AC	
	6V	12V		
	24V	36V	127V	
	48V	110V	220V	
AD116-22D/M 蜂鸣器 Buzzer Φ22	127V	220V	380V	
	380V			
	AC/DC		AC	
	6V	12V		
	24V	36V	127V	
	48V	110V	220V	
AD116-22D/MFS 闪光蜂鸣器 Flashing buzzer Φ22	127V	220V	380V	
	380V			

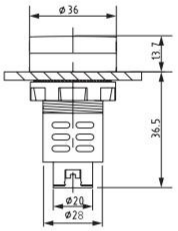
描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	127V	
	48V	110V	220V	
	127V	220V	380V	
	380V			

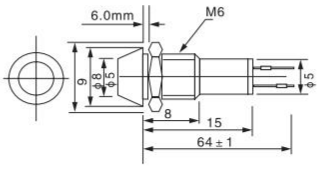
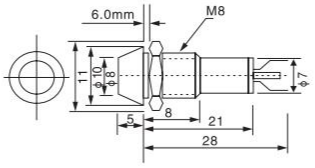
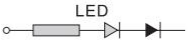
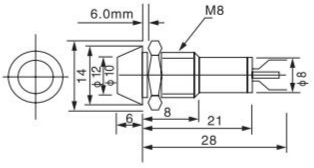
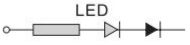
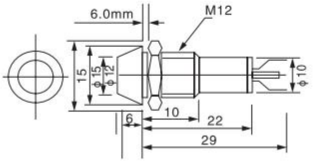
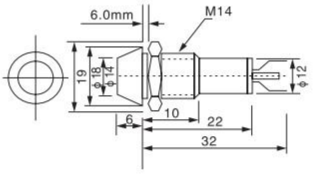
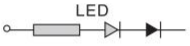
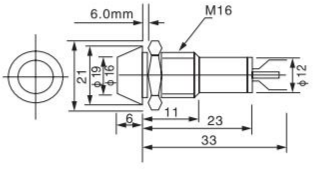
AD116-30DS
指示灯
Pilot Light Φ30



描述 Description	电压 Voltage			尺寸 Contour
	AC/DC		AC	
	6V	12V		
	24V	36V	127V	
	48V	110V	220V	
	127V	220V	380V	
	380V			

AD116-30DS/MFS
AD116-30DS/M
蜂鸣器
Buzzer Φ30



样式 Photo	型号 Type	电压 Voltage	尺寸 Contour	电路 Circuit	颜色 Color
	GQ/AD22-C6 ▲△ 安装孔径 (Mounting aperture) :Φ6mm	6V~220V			● ● ● ● ○
	GQ/AD22-C8 ▲△ 安装孔径 (Mounting aperture) :Φ8mm	6V~220V			● ● ● ● ○
	GQ/AD22-C10 ▲△ 安装孔径 (Mounting aperture) :Φ10mm	6V~220V			● ● ● ● ○
	GQ/AD22-C12 ▲△ 安装孔径 (Mounting aperture) :Φ12mm	6V~220V			● ● ● ● ○
	GQ/AD22-C14 ▲△ 安装孔径 (Mounting aperture) :Φ14mm	6V~220V			● ● ● ● ○
	GQ/AD22-C16 ▲△ 安装孔径 (Mounting aperture) :Φ16mm	6V~220V			● ● ● ● ○

型号命名方式解释(Explanation of Type Designation)

示例:(Example)

AD116 - W / 101 - ▲ △

① ② ③

①: 设计序号 Design number

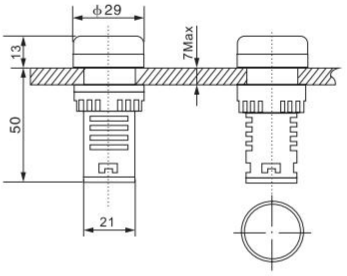
②: 颜色 Color

1 2 3 4 5 6

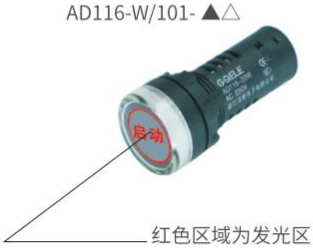
R G Y B W

③: 电压 Voltage

外形尺寸 External dimensions

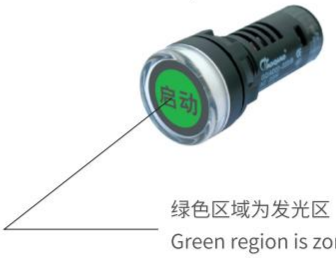


AD116-W/101- ▲△



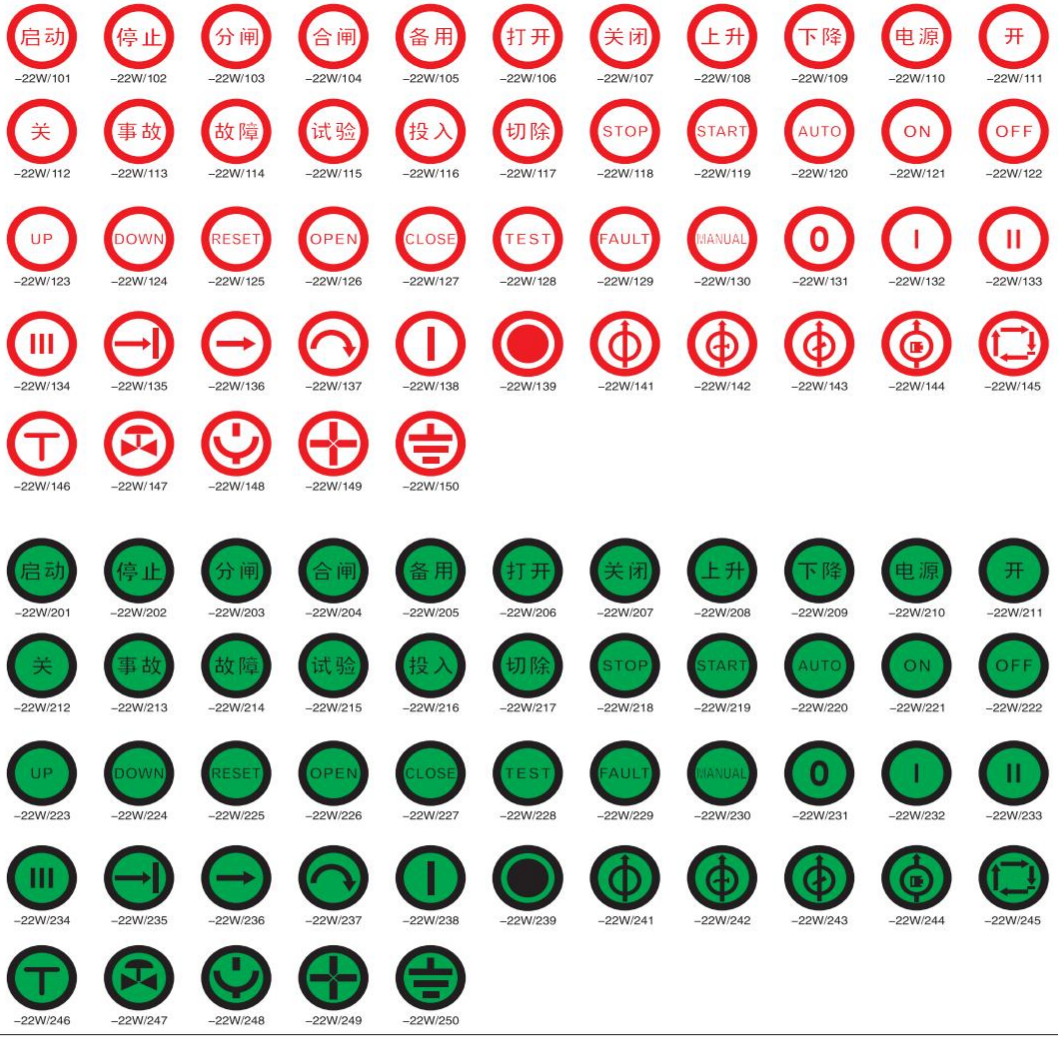
红色区域为发光区
Red region is zone of luminosity

AD116-W/201- ▲△



绿色区域为发光区
Green region is zone of luminosity

以下指示符号，供参考 The following indicator symbols for your information.



型号命名方式解释(Explanation of Type Designation)

示例:(Example)

AD116 - 77×31 - ▲ △

① ② ③

①: 设计序号 Design number

②: 颜色 Color

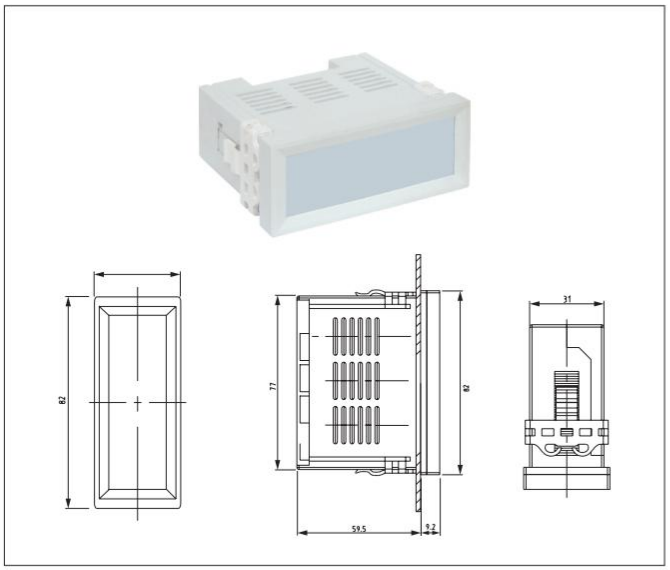
1 2 3 4 5 6

R G Y B W

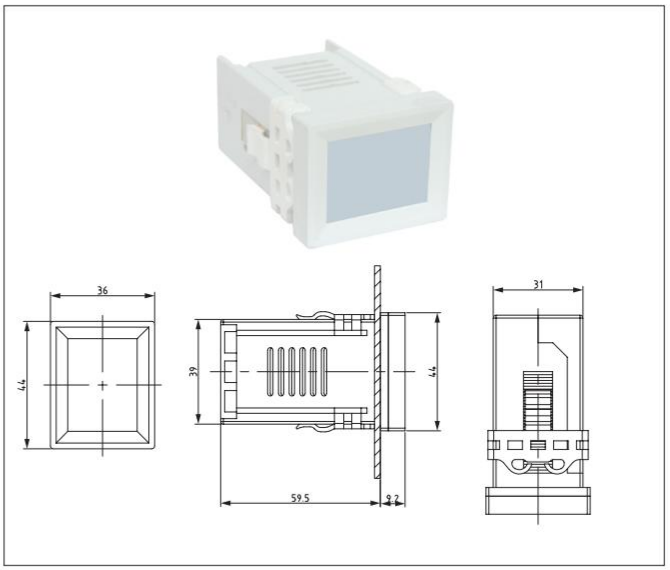
③: 电压 Voltage

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

AD116-77×31



AD116-39×31



符号及印字标牌或标牌框印字 Legend plate text or legend frame printing

停止 启动	分闸 合闸	自动 手动	关闭 打开	关 开	检验 复位
S×1	S×2	S×3	S×4	S×5	S×6
I 0	0 I	I 0 II	II 0 I	1 0 2	2 0 1
S×7	S×8	S×9	S×10	S×11	S×12
OFF-ON	STOP-STQRT	HAND-QUTO	REV-FOR	↑ ↑	↑ ↓
S×13	S×14	S×15	S×16	S×17	S×18
→|	电源	故障	UP	DOWN	→
S×19	S×20	S×21	S×22	S×23	S×24
S×26	S×27	S×28	S×29	S×30	S×31

导轨式信号灯型号说明 Model & Explanation

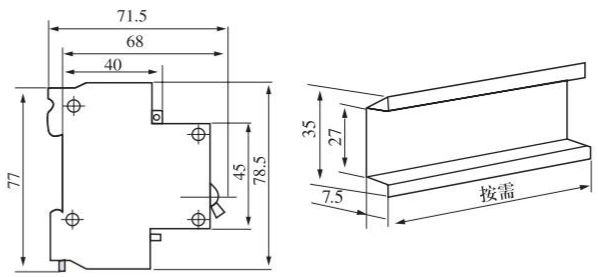
示例:(Example)

AD11 - D1 ▲ △ □

① ② ③ ④

①: 产品代码 Product Code
②: 颜色 Color(Red(红) ●; Green(绿) ●; Yellow(黄) ●; Blue(蓝) ●; White(白) ○)
③: 电压 Voltage(6.3V ～ 380V)
⑥: 特殊要求代码 :K 抗干扰、F 放电灯
Special requst codei:K-Anti-interference.F-dischargeable lamp

导轨式信号灯 Rail type signal light



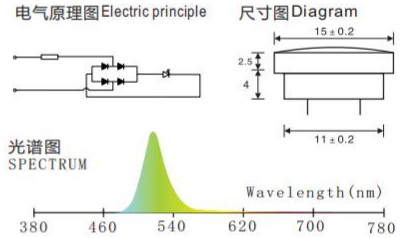
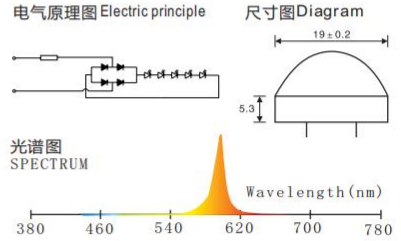
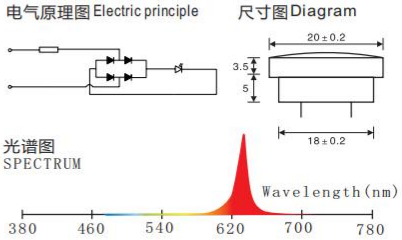
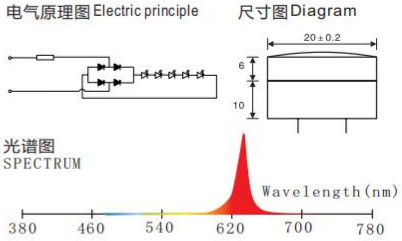
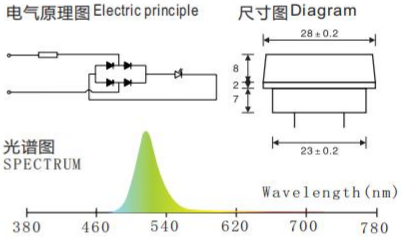
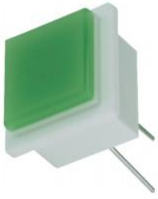
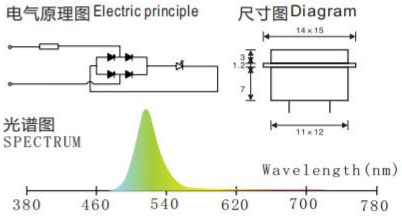
AD116-D1R △□

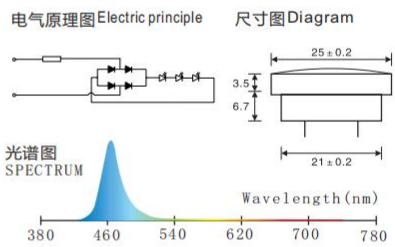
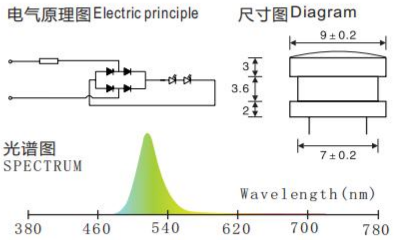
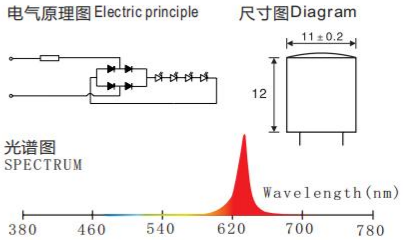
AD116-D1G △□

AD116-D1Y △□

AD116-D1B △□

AD116-D1W △□

样式 (Photo)	灯头电压 (Head Voltage)	适配电压 (Suitable Assemble Voltage)	适合配置 (Set-up)	主要技术参数 (Main technical parameters)
 Φ15	4.4V-6V	6.3V、12V	AD116-16； AD22-16B、 16D、16E	
	8V-20V	12V, 24V、48V、110V 220V、 380V		
 Φ19	4.4V-5.4V	6.3V	AD11-22 AD16-22A AD16-25A	
	4.4V-6V	12V、24V、48V、110V、 220V、380V		
 Φ20	4.4V-5.4V	6.3V-12V	AD116-22 AD22-22B 22D、22E	
	4.4V-20V	12V、24V、48V、110V 、 220V、 380V		
 Φ20	4.4V-6V	6.3V ～ 380V 220V、 380	AD11-25/	
 Φ28	10.2V-12V	24V、48V、110V 、220V、 380	AD11-30/	
 11×12	4.4V-6.3V	6.3V ～ 380V	AD116-D1 DZ47/C45	

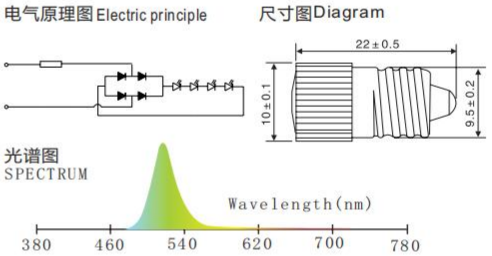
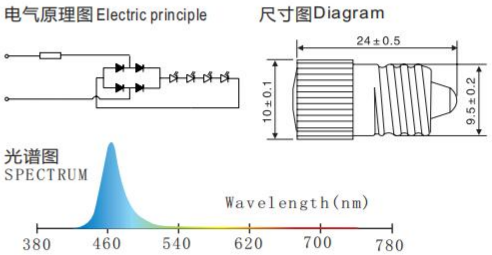
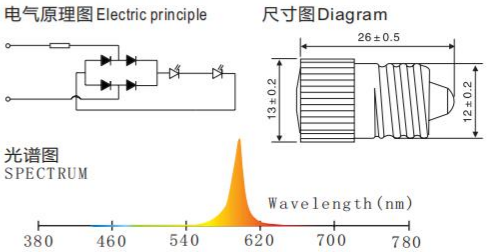
样式 (Photo)	灯头电压 (Head Voltage)	适配电压 (Suitable Assemble Voltage)	适合配置 (Set-up)	主要技术参数 (Main technical parameters)
 Φ25	4.4V-10.4V	6.3V~380V	AD116-30 AD22-30	
 Φ25	4.4V-6V	6.3V-380V	LA42 (Exclusive use)	
 Φ11	4.4V-5.4V	6.3V、12V	LA39、LA42	
	4.4V-20V	12V、24V、48V、110V 220V、380V		

简介 brief introduction

该灯采用进口 LED 发光芯片，环氧树脂装，以先进工艺流程生产而成，具有颜色鲜艳、寿命长、耗电低、耐腐蚀和抗强烈振动等特点。

The lamp adopts imported LED light-emitting chips, epoxy resin packaging, and is produced with advanced technological processes. It has the characteristics of bright colors, long life, low power consumption, corrosion resistance and strong vibration resistance.

样式 (Photo)	型号 (Model)	电压 (Voltage)		颜色 (Color)	主要技术参数 (Main technical parameters)
 Φ7B/B	7B/R/ △	6.3V	110V		电气原理图 Electric principle 尺寸图 Diagram 光谱图 SPECTRUM Wavelength (nm) 380 460 540 620 700 780
	7B/G/ △	12V	127V		
	7B/Y/ △	24V	220V		
	7B/B/ △	36V	240V		
	7B/W/ △	48V			
 BA9SA/W	BA9SA/R/ △	6.3V	110V		电气原理图 Electric principle 尺寸图 Diagram 光谱图 SPECTRUM Wavelength (nm) 540 700
	BA9SA/G/ △	12V	127V		
	BA9SA/Y/ △	24V	220V		
	BA9SA/B/ △	36V	240V		
	BA9SA/W/ △	48V			
 BA9SB/B	BA9SB/R/ △	6.3V	110V		电气原理图 Electric principle 尺寸图 Diagram 光谱图 SPECTRUM Wavelength (nm) 380 460 540 620 700 780
	BA9SB/G/ △	12V	127V		
	BA9SB/Y/ △	24V	220V		
	BA9SB/B/ △	36V	240V		
	BA9SB/W/ △	48V			
 BA9SC/R	BA9SC/R/ △	6.3V	110V		电气原理图 Electric principle 尺寸图 Diagram 光谱图 SPECTRUM Wavelength (nm) 380 460 540 620 700 780
	BA9SC/G/ △	12V	127V		
	BA9SC/Y/ △	24V	220V		
	BA9SC/B/ △	36V	240V		
	BA9SC/W/ △	48V			
 BA9SF/R	BA9SF/R/ △	6.3V	110V		电气原理图 Electric principle 尺寸图 Diagram 光谱图 SPECTRUM Wavelength (nm) 380 460 540 620 700 780
	BA9SF/G/ △	12V	127V		
	BA9SF/Y/ △	24V	220V		
	BA9SF/B/ △	36V	240V		
	BA9SF/W/ △	48V			
 BA9SG/G	BA9SG/R/ △	6.3V	110V		电气原理图 Electric principle 尺寸图 Diagram 光谱图 SPECTRUM Wavelength (nm) 380 460 540 620 700 780
	BA9SG/G/ △	12V	127V		
	BA9SG/Y/ △	24V	220V		
	BA9SG/B/ △	36V	240V		
	BA9SG/W/ △	48V			

样式 (Photo)	型号 (Model)	电压 (Voltage)		颜色 (Color)	主要技术参数 (Main technical parameters)
 E10A/G	E10A/R/ △	6.3V	110V	🔴 🟢 🟡 🔵 ⚪	
	E10A/G/ △	12V	127V		
	E10A/Y/ △	24V	220V		
	E10A/B/ △	36V	240V		
	E10A/W/ △	48V			
 E10C/B	E10C/R/ △	6.3V	110V	🔴 🟢 🟡 🔵 ⚪	
	E10C/G/ △	12V	127V		
	E10C/Y/ △	24V	220V		
	E10C/B/ △	36V	240V		
	E10C/W/ △	48V			
 E12/Y	E12/R/ △	6.3V	110V	🔴 🟢 🟡 🔵 ⚪	
	E12/G/ △	12V	127V		
	E12/Y/ △	24V	220V		
	E12/B/ △	36V	240V		
	E12/W/ △	48V			

型号命名方式解释(Explanation of Type Designation)

示例:(Example)

BA9S □ / □ □ - □ / □

① ② ③ ④ ⑤ ⑥

①: 型号 Model (BA9S、E10、E12)
②: 塑料头部选择 (A- 细纹、B- 粗纹、C- 粗纹加字框)
Choice of plastic head (A-fine grain, B-coarse grain, C-coarse grain with word box)
③: 颜色 Color(Red(红) 🔴; Green(绿) 🟢; Yellow(黄) 🟡; Blue(蓝) 🔵; White(白) ⚪)
④: 芯片颗数 Number of chips
⑤: 电压 Voltage(6.3V ～ 380V)
⑥: K- 抗干扰型、空白为普通型
K-anti-interference type, blank is common type

CJX2-(LC1-D) 系列交流接触器 CJX2-(LC1-D) Series AC Contactor

CJX2-(LC1-D)09,12

范围使用 Application

CXJ2-(LC1-D) 系列交流接触器适用于交流 50Hz(或 60Hz), 额定电压至 660V , 额定电流至 95A 的电路中作为接通与分断电路及频繁起动与控制交流电动机之用。与辅助触点排、延时及机械连锁装置等组合时，可作为延时接触器、机械连锁接触器及星三角起动器。可与热继电器组合成电磁起动器。产品的生产符合 IEC947-2、VDE0660 及 BS5452 标准。

CXJ2-(LC1-D) series AC contactors are suitable for making and breaking circuits and frequently starting and controlling AC motors in circuits with AC 50Hz (or 60Hz), rated voltage up to 660V, and rated current up to 95A. When combined with auxiliary contact bank, time delay and mechanical interlock device, etc., it can be used as time delay contactor, mechanical interlock contactor and star-delta starter. It can be combined with a thermal relay to form an electromagnetic starter. The production of the products complies with the standards of IEC947-2, VDE0660 and BS5452.

CJX2-(LC1-D)25

型号 model		CJX2-(LC1-D)09	CJX2-(LC1-D)12	CJX2-(LC1-D)18	CJX2-(LC1-D)25	CJX2-(LC1-D)32
额定工作 rated work	AC3	9	12	18	25	32
电流 electric current	AC4	3.5	5	7.7	8.5	1
AC3 三相容量 AC3 three-phase capacity	220/230V	2.2	3	4	5.5	12
三相鼠笼式电动机 Three-phase squirrel cage motor	380/400V	4	5.5	7.5	11	7.5
AC3(kW)	415V	4	5.5	9	11	15
	440V	4	5.5	9	11	15
	500V	5.5	7.5	10	15	18.5
	660/690V	5.5	7.5	10	15	18.5
额定热电流 Rated thermal current	AC4×l04	20	20	32	40	50
电气寿命 Electrical life	AC3×l06	20	20-15	20-7	15-7	15-7
		2	2	2	2	2
机械寿命 Mechanical life		20	20	20	20	20
触点数量 Number of contacts		3P+NO				
		3P+NC				

CJX2-(LC1-D)80,95

型号 model		CJX2-(LC1-D)40	CJX2-(LC1-D)50	CJX2-(LC1-D)65	CJX2-(LC1-D)85	CJX2-(LC1-D)95
额定工作 rated work	AC3	40	50	65	80	95
电流 electric current	AC4	18.5	24	28	37	44
AC3 三相容量 AC3 three-phase capacity	220/230V	11	15	18.5	22	25
三相鼠笼式电动机 Three-phase squirrel-cage motor	380/400V	18.5	22	30	37	45
AC3(kW)	415V	22	25	37	45	45
	440V	22	30	37	45	45
	500V	22	30	37	55	55
	660/690V	30	33	37	45	45
额定热电流 Rated thermal current		60	80	80	125	125
电气寿命 Electrical life	AC4×104	10-7	7	7-6	7-5	7-5
	AC3×106	2	2	1.6	1.6	1.6
机械寿命 Mechanical life		20	20	20	10	10
触点数量 Number of contacts	3P+NC+NO					

CJX2-(LC1-DN) 系列交流接触器 CJX2-(LC1-DN) Series AC Contactor

范围使用 Application

CJX2-(LC1-DN 系列交流接触器适用于交流 50Hz(或 60Hz) , AC-3 负载使用类别时额定工作电流为 9-330A 的电路中。该产品主要用于远距离接通和分断电力线路，亦用于交流电动机起动器的频繁起动、停车与控制。产品的生产符合 IEC60947-4-l 及 GB14048.4 标准。

CJX2-(LC1-DN series AC contactors are suitable for AC 50Hz (or 60Hz) circuits with a rated operating current of 9-330A when the AC-3 load is used. This product is mainly used for long-distance connection and disconnection of power lines , Also used for frequent start, stop and control of AC motor starter. The production of the product complies with IEC60947-4-l and GB14048.4 standards.

CJX2-(LC1-DN)09、12、18

CJX2-(LC1-DN)25、32、38

CJX2-(LC1-DN)40、50、65

额定工作电流 Rated working current								
le max AC-3(Ue ≤ V)		9A	12A		18A	25A	32A	38A
leAC-1(0 ≤ 60°C)		25A			32A	40A	50A	
额定绝缘电压 Rated insulation voltage		690V						
极数 number of poles		3	3 4		3	3 4	3	
	220/240V	2.2KW	3KW		4KW	5.5KW	7.5KW	9KW
	380/400V	4KW	5.5KW		7.5KW	11KW	15KW	18.5KW
额定工作 rated work	415/440V	4KW	5.5KW		9KW	11KW	15KW	18.5KW
AC-3 类别时功率 Power at AC-3 category	550V	5.5KW	7.5KW		10KW	15KW	18.5KW	18.5KW
	600/690V	5.5KW	7.5KW		10KW	15KW	18.5KW	18.5KW
	1000V	-	-		-	-	-	-
变阻器 rheostat	辅助触点范围：至多 4 常闭或常开瞬时，至多 1 常开 +1 常闭延时，至多 2 常开保护触点与 2 屏接线端子可兼容手动或自动热过载继电器。Auxiliary contact range: up to 4 normally closed or normally open momentary, up to 1 normally open + 1 normally closed with delay, up to 2 normally open protective contacts and 2 screen terminals Compatible with manual or automatic thermal overload relays.							
可兼容手动或 自动热过载继电器 Compatible with manual or automatic thermal overload relays	Class 10A	0.10...10A	0.10 ···13A		0.10...18A	0.10...32A	0.10...38A	0.10...38A
	Class 20A	2.5...10A	2.5...13A		2.5...18A	2.5...32A	-	
抑制器模块 (直流与低功耗接触器内置浪涌抑制二极管) Suppressor module (DC and low power contactor built-in surge suppression diode)	变阻器 rheostat	●	●	●	●	●	●	●	●
	二级管 Diode	-	-	●	-	-	●	-	-
	RC 电路 RC circuit	●	●	●	●	●	●	●	●
	双向限流 Two-way current limiting	●	●	●	●	●	●	●	●
继电器 relay		●	●	●	●	●	●	●	●
接口 interface	继电器 + 过载功能 Relay + overload function	●	●	●	●	●	●	●	●
	固态 solid state	●	●	●	●	●	●	●	●
接触器型号参考 Contactor model reference	~or-3P	CJX2-(LC1-D)09	CJX2-(LC1-D)12		CJX2-LC1-D18	CJX2-(LC1-D)25	CJX2-(LC1-D)32	CJX2-(LC1-D)38
	~4-P	-	CJX2-(LC1-D)12		-	CJX2-(LC1-D)25	-	-
	-4P	-	CJX2-(LC1-D)12		-	CJX2-(LC1-D)25	-	-
可逆接触器型号参考 Reversing Contactor Model Reference	~3P	CJX2-(LC1-D)09	CJX2-(LC1-D)12		CJX2-LC1-D18	CJX2-(LC1-D)25	CJX2-(LC1-D)32	CJX2-(LC1-D)38
	-3P	CJX2-(LC1-D)09	CJX2-(LC1-D)12		CJX2-LC1-D18	CJX2-(LC1-D)25	CJX2-(LC1-D)32	CJX2-(LC1-D)38
	~4P	-	CJX2-(LC1-D)12		-	CJX2-(LC1-D)25	-	-
	-4P	-	CJX2-(LC1-D)12		-	CJX2-(LC1-D)25	-	-

F4-(LA1) 系列触头块 F4-(LA1) series contact block

F4-(LA1-D)11

范围使用 Application

F4-(LA1) 系列辅助触点排安装在 CjX2-(LC1-D) 控制继电器或 CJX2-(LC1-D) 交流接触器顶部以容纳更多辅助触点。采用触点的滑动摩擦功能，该产品可自行清洁以确保电力线路的可靠。

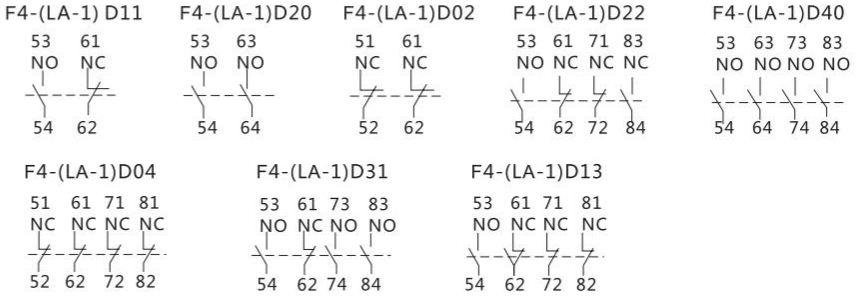
F4-(LA1) series auxiliary contact block is installed on the top of CjX2-(LC1-D) control relay or CJX2-(LC1-D) AC contactor to accommodate more auxiliary contacts. Using the sliding friction function of the contacts, the product can clean itself to ensure the reliability of the power line.

规格 Specification

型号 Type	F4-(LA1) DN02	F4-(LA1) DN11	F4-(LA1) DN20	F4-(LA1) DN22	F4-(LA1) DN40	F4-(LA1) DN04	F4-(LA1) DN13	F4-(LA1) DN31
触点数量 Contact number	2NC	NO+NC	2NO	2NO+2NC	4NO	4NC	1NO+3NC	3NO+1NC

接线图 wiring diagram

F4-(LA1-D)22



F4-(LA2) 系列触头块 F4-(LA2) series contact block

F4-(LA1-D)02

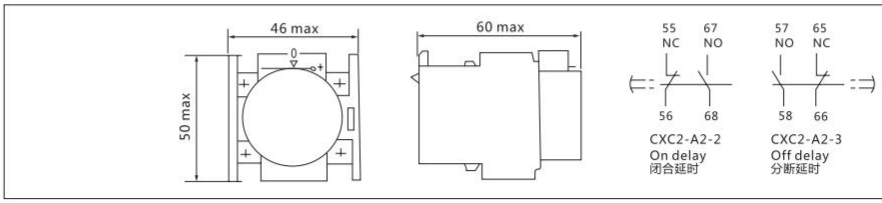
范围使用 scope of use

F4-(LA2) 延时辅助触点排用于与 CIX2-(LC1-D) 交流接触器与 F4-(LA1) 辅助触点排组成 LC3 星三角降压起动器以起动电动机。

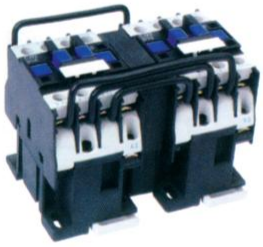
F4-(LA2) delay auxiliary contact bank is used to form LC3 star-delta step-down starter with CIX2-(LC1-D) AC contactor and F4-(LA1) auxiliary contact bank to start the motor.

型号 Type	延时范围 Delay range	延时触点数量 Number of delay contacts
F4-(LA2)T0	0.1 ～ 3s	NO+NC
F4-(LA2)T2	0.1 ～ 30s	
F4-(LA2)T4	10 ～ 180s	
F4-(LA2)R2	0.1 ～ 30s	
F4-(LA2)R4	10 ～ 180s	
F4-(LA2)R0	0.1 ～ 3s	

外型尺寸及安转尺寸 Dimensions and rotation dimensions



CJX2-N 机械联锁接触器 CJX2-N MechanicalInterlocking Contactor


CJX2-09N

范围使用 Application

该接触器主要适用于交流 50Hz(或 60Hz)，额定电压至 660V 的的电路中控制电路。其机械连锁装置可确保两只可逆接触器之间触点的转换。

The contactor is suitable for using in the circuits up to the rated voltage 660V AC 50Hz or 600Hz,controlling the motor.It's mechanical interlocking device ensures contact changeover of the two convertible contactors.

规格 Specification

型号 Type	电气寿命 (万次) Electric life (ten thousand times)	额定电流 (A) Rated current(A)	
		220V-380V	500V-600V
CJX2-09N	20	3.5	1.5
CJX2-12N	20	5	2
CJX2-18N	20	7.7	3.8
CJX2-25N	20	8.5	4.4
CJX2-32N	20	12	7.5
CJX2-40N	15	18.5	9
CJX2-50N	15	24	12
CJX2-63N	15	28	14
CJX2-80N	10	37	17.3
CJX2-95N	10	44	21.3

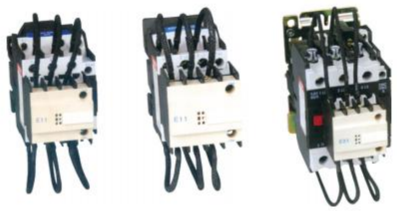

CJX2-32N


CJX2-50N


CJX2-80N

型号 Size: CJX2-N	最高额定电压 Maximum rated voltage	最高热电流 1th Maximum thermal current 1th	最高额定电流 LL: 长寿命 / NL : 普通寿命 3ph 440V 50/60HZ Maximum rated current LL:Long life/NL: Normal life 3ph 440V 50/60HZ	AC3 负载下最大标准功率等级 Maximum standard power rating under AC 3 duty					
				220V		380V		415/440V	
				KW	hp	KW	hp	hp	KW
115N	1000V	200A	-	-	-	-	-	-	-
			NL120A	30	40	55	75	60	80
1154N	l000V	200A	LL115A	30	40	55	75	60	80
			NL150A	45	60	75	100	80	110
185N	l000V	270A	-	-	-	-	-	-	-
			NL185A	55	75	90	125	100	135
1854N	l000V	270A	LL185A	55	75	90	125	100	135
			NL205A	63	85	110	150	110	150
365N	l000V	350A	-	-	-	-	-	-	-
			NL265A	75	100	132	180	140	190
3654N	l000V	350A	LL265A	75	100	132	180	140	190
			NL300A	90	125	160	220	160	220
400N	l000V	500A	-	-	-	-	-	-	-
			NL400A	110	150	200	270	220	300
4004N	l000V	500A	LL400A	110	150	200	270	220	300
			NL450A	132	180	220	300	250	340
500N	l000V	700A	LL500A	147	200	250	340	280	380
			NL630A	185	250	335	450	355	480
630N	l000V	l000V	LL630A	200	270	335	450	375	500
			NL1000A	220	300	400	540	450	610
780N	l000V	1600A	NL800A	220	300	400	540	425	570
			LL780A	280	380	500	680	530	720

QJX2 星三角起动器 QJX2 Star-delta starter



型号 Type	主回路接触器 Main return circuit of contactor			热过载继电器 Thermal overload relay		控制电机功率 Controlling power(KW)				额定工作电流 (Ie)Rated operating current (AC-3 380V)	配熔断器 NTOO
	隔离用 Isolation KM2	△运转 operation KM3	Y 运转 operation KM1	电流整定范围 Range of current(A)	型号 Type	220V	380V	415V	660V		
QJX2-12	QJX2-1210	QJX2-1201	QJX2-0901	9-13	JRS4-1310	5.5	11	11	11	20	20
QJX2-18	QJX2-1810	QJX2-1801	QJX2-1201	12-18	JRS4-1321	7.5	15	15	22	31	32
QJX2-25	QJX2-2510	QJX2-2501	QJX2-1201	17-25	JRS4-1322	11	18.5	22	25	43	50
QJX2-32	QJX2-3210	QJX2-3201	QJX2-2501	23-32	JRS4-2353	15	25	25	30	55	63
QJX2-40	QJX2-4011	QJX2-4011	QJX2-2501	30-40	JRS4-3355	18.5	33	37	37	69	80
QJX2-50	QJX2-5011	QJX2-5011	QJX2-4011	37-50	JRS4-3357	25	45	45	55	86	100
QJX2-65	QJX2-6511	QJX2-6511	QJX2-4011	55-70	JRS4-3361	30	55	59	59	112	125
QJX2-80	QJX2-8011	QJX2-8011	QJX2-5011	63-80	JRS4-3363	40	75	75	75	138	160
QJX2-95	QJX2-9511	QJX2-9511	QJX2-6511	80-95	JRS4-3365	40	80	80	80	164	200

CJ19 切换电容器接触器 CJ19 Capacitor contactor

产品型号 Type		单位 unit	CJ19-25	CJ19-32	CJ19-43	CJ19-45	CJ19-50	CJ19-63	CJ19-80	CJ19-95
额定工作电流 (Ie) Rated operating current AC3 Ue ≤ 440V		A	18	25	32	40	48	63	80	95
约定发热电流 (Ith) Conventional heating current AC10 ≤ 40°		A	25	32	43	48	50	63	80	95
可控容量 (Qn) AC-6b Controlling capacitor	220-230V	Kvar	6.5	8.5	10	13	16	20	25	30
	400-415V		12	17	20	25	28	32	40	48
控制涌流能力 (限流能力) Restrain flow ability		倍	15	15	15	15	15	15	15	15
工作电压 (Ue) Rated working voltage max		V	380,660	380,660	380,660	380,660	380,660	380,660	380,660	380,660
额定绝缘电压 (Ui) Rated insulating voltage		V	690	690	690	690	690	690	690	690
机械寿命 Mechanical life		10^4 次	100	100	100	100	100	100	100	100
电寿命 Electric life		10^4 次	12	12	10	10	10	10	10	10
操作频率 Operating frequency		次 /h 1	20	120	120	120	120	120	120	120
体积 Volume H×L×W		mm	120×125×46	140×135×56	140×135×56	170×150×76	170×150×76	170×150×76	190×160×86	190×160×86

LR1、LR2 系列热继电器 LR1, LR2 SERIES THERMAL RELAY

JRSI-09-25(LRI)

用途及适用范围 INTRODUCTION AND APPLICATIONS

JRS1(LR1-D) 系列热过载继电器适用于交流 50 或 60Hz，电压至 660V ，电流至 80A 及以下的电路中，供交流电动机热保护用。并且有差动机和温度补偿环节，可与 CJX2 (LC1-D) 交流接触器配装，也可独立安装。

JRS1 (LR1 -D)seriesthermal relay is suitable for using in the circuits rated voltage up to 660V,rated current 93 A AC 50Hz or 60Hz, for over-voltage protection of A.C.motor.The telay has the differential mechanism and tem-perature compensalion and canplug ir CJX2(LC 1 -D)series A.C.contactor.

JRSI-40-80(LRI)

动作特性：三相负载平衡时的动作时间

MOTION CHARACTERISTIC ： THREE-PHASE BALANCE MOTIONA TIME

序号 NO	整定电流倍数 Set current cinles	动作时间 Motion time			起始条件 Start condition	环境温度 Temperature
1	10.5	＞ 2h			冷态 cold state	20±5°C
2	1.2	＜ 2h			热态 heat state (接序号 1 试验后 Following theNo.1 test)	
3	1.5	＜ 4min				
4	7.2	10A	2s ＜ Tp ≤ 10s	≤ 63A	冷态 cold state	
		10A	4s ＜ Tp ≤ 10s	＞ 63A		

JR28-25(LR2D13)

断相动作性能

PHASE-LOSING MOTION CHARACTERISTIC

序号 NO	整定电流倍数 Set current cinles		动作时间 Motion time	起始条件 Start condition	环境温度 Temperature
	任意二相 Arbitrary two phose	第三相 Three phase			
1	1.0	0.9	＞ 2h	冷态 cold state	20±5°C
2	1.15	0	＜ 2h	热态 heat state (接序号 1 试验后 Following theNo.1 test)	

JR28-36(LR2D23)

JR2-D 系列热过载继电器用于交流 50 或 60Hz，电压至 660V，电流至 93A 及以下的电路中，供交流电动机热保护用。并且有差动机构和温度补偿环节，可与 CJX2 (LC1-D) 交流接触器配装， 也可独立安装。

JR2-D series thermal relay is suitable for using in the circuits rated voltage up to 660V,rated current 93AAC 50Hz or 60Hz，for over-voltage protection of A.C.motor.The telay has the differential mechanism and temperature compensation and can plug ir CJX2(LC 1 -D)series A.C.contactor.

规格 SPECIFICATIONS

JR28-36(LR2D33)

型号 Type	编号 Number	整定电流范围 Setting Range(A)	可插接安装的接触器 Contactors insert
LR1-D	09301	0.1~0.16	DC09-D25
	09302	0.16~0.25	DC09-D25
	09303	0.25~0.4	DC09-D25
	09304	0.4~0.63	DC09-D25
	09305	0.63~1	DC09-D25
	09306	1~1.6	DC09-D25
	09307	1.6~2.5	DC09-D25
	09308	2.5~4	DC09-D25
	09310	4~6	DC09-D25
	09312	5.5~8	DC09-D25

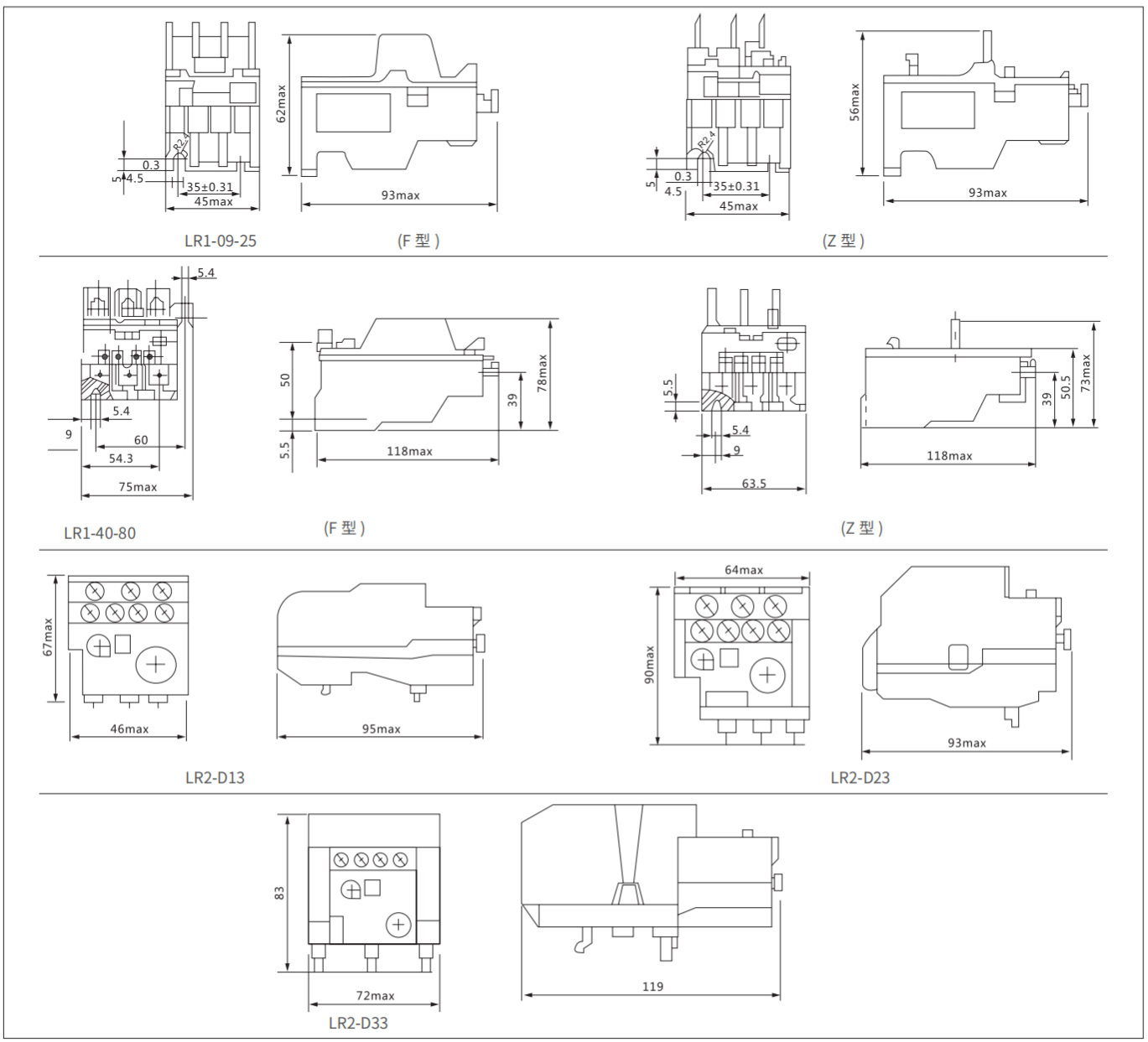
型号 Type	编号 Number	整定电流范围 Setting Range(A)	可插接安装的接触器 Contactors insert
	09314	7~10	DC09-D25
	12316	10~13	DC09-D25
	16321	13~18	DC09-D25
	25322	18~25	DC09-D25
	40353	23~32	DC09-D25
	40355	30~40	D40、D50、D63
	63357	38~50	D40、D50、D63
	63359	48~57	D40、D50、D63
	63361	57~66	D40、D50、D63
	80363	63~80	D40、D50、D63

规格 SPECIFICATIONS

型号 Type	编号 Number	整定电流范围 (A) Setting Range(A)	可插接安装的接触器 Contactors insert
LR2-D	1301	0.1~0.16	D09-D25
	1302	0.16~0.25	D09-D25
	1303	0.25~0.4	D09-D25
	1304	0.4~0.63	D09-D25
	1305	0.63~1	D09-D25
	1306	1~1.6	D09-D25
	1307	1.6~2.5	D09-D25
	1308	2.5~4	D09-D25
	1310	4~6	D09-D25
	1312	5.5~8	D09-D25
	1314	7~10	D09-D25
	1316	9~13	D09-D25

型号 Type	编号 Number	整定电流范围 (A) Setting Range(A)	可插接安装的接触器 Contactors insert
LR2-D	1321	12~18	D09-D25
	1322	17~25	D32
	2353	23~32	D25-D32
	2355	30~40	D25-D32
	3322	17~25	D40-D95
	3353	23~32	D40-D95
	3355	30~40	D40-D95
	3357	37~50	D40-D95
	3359	48~65	D40-D95
	3361	55~70	D40-D95
	3363	63~80	D40-D95
	3365	80~93	D95

外形及安装尺寸 OUTLINE AND MOUNTING DIMENSIONS

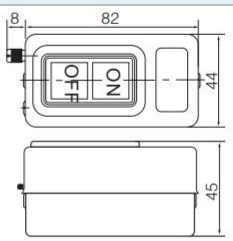
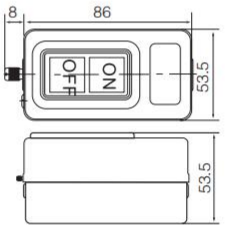
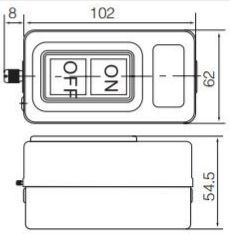


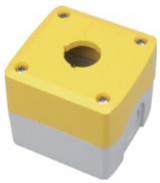
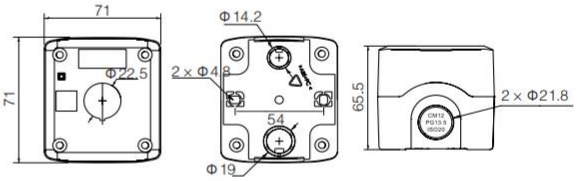
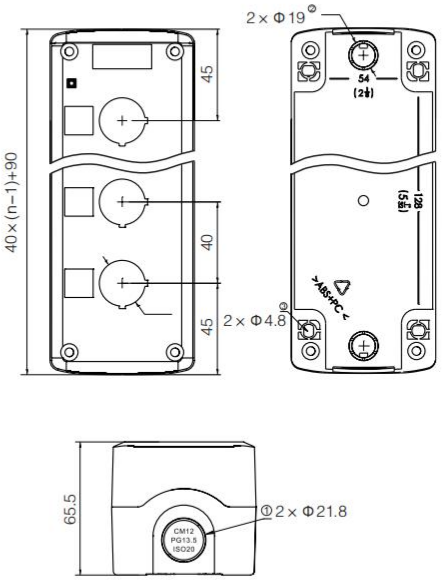
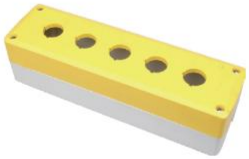
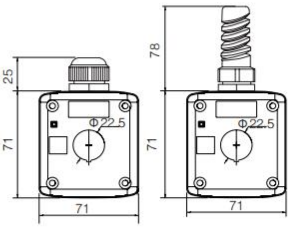
追求每一细节 力求更加专业

QCX2 磁力起动器 Magmetic starters

产品型号 Type			QCX2-09	QCX2-12	QCX2-18	QCX2-25	QCX2-32	QCX2-40	QCX2-50	QCX2-63	QCX2-80	QCX2-95
额定绝缘电压 Rated insulating voltage(Ui)			690	690	690	690	690	690	690	690	690	690
额定工作电流 (Ie)(A) Rated oprating current AC3 Ue ≤ 440V		380V	8.5	11.5	15.5	22	30	37	44	60	72.5	85
		660V	6.6	8.9	12	18	21.3	34.6	39	42	49	49
约定发热电流 (Ith) Conventional heating current AC10 ≤ 40°		380V	25	25	32	40	50	60	80	80	125	125
可控三相鼠笼电动机功率 Power of controllable 3-phase squirrel-cage moter(AC3) KW		220V	2.2	3	4	5.5	7.5	11	15	18.5	22	25
		380V	4	5.5	7.5	11	15	18.5	22	30	37	45
		660V	5.5	7.5	10	15	18.5	30	33	37	45	55
寿命 Life	机械寿命 Mechanical life 104 次		600	600	600	600	600	600	600	600	600	600
	电寿命 Electric life 104 次		100	100	80	80	80	60	60	60	60	60
辅助触头 Auxiliary contactor block	约定发热电流 (Ith) Conventional heating current		6	6	6	6	6	6	6	6	6	6
	控制功率 Control power	AX-11VA	300	300	300	300	300	300	300	300	300	300
		DC-11W	30	30	30	30	BO	30	30	30	30	30
体积 volume H×L×W(mm³)			166×140×90	166×140×90	166×140×90	166×140×104	166×140×104	315×170×185	315×170×185	315×170×185	315×170×185	315×170×185

按钮瞬时 Pushbuttons Momentary

相片 Photo	技术参数 Technical parameters	电气原理图 Electrical schematic	尺寸 Diemension
 TBS-211B	动力用押扣按钮开关 BS Pushbutton switch Ue:AC 380V Ui:500V Ie:4A 1.5KW		
 TBS-216B	动力用押扣按钮开关 BS Pushbutton switch Ue:AC 380V Ui:500V Ie:6A 2.2KW		
 TBS-230B	动力用押扣按钮开关 BS Pushbutton switch Ue:AC 380V Ui:500V Ie：10A 3.7KW		

样式 Photo	描述 Description	型号 Type	尺寸 Contour
 深灰上盖白色底座 Dark grey cover with white base  黄色上盖白色底座 Yellow cover with white base	一孔按钮盒 Button box for single hole IP65	GOB-1A-GW GOB-1A-YW	 ① 2Φ21.8mm 敲落孔，最佳线径 6-12mm ② Φ19mm 敲落孔，底部进线 ③ Φ14.3mm 敲落孔，底部进线 ④ 2Φ4.8mm 安装孔
	二孔按钮盒 Button box for two hole IP65	GOB-2A-GW	 ① 2Φ21.8mm 敲落孔，最佳线径 6-12mm ② 2Φ19mm 敲落孔，底部进线 ③ 2Φ4.8mm 安装孔 ④ n：孔数
	三孔按钮盒 Button box for three hole IP65	GOB-3A-YW	
	四孔按钮盒 Button box for four hole IP65	GOB-4A-GW	
	五孔按钮盒 Button box for five hole IP65	GOB-5A-YW	
	六孔按钮盒 Button box for six hole IP65	GOB-6A-GW	
 一孔按钮盒 Button box for single hole	带防水接头 With waterproof connector	GOB-1A-GW/P	
	带加长型防水接头 With extended waterproof connector	GOB-1A-YW/H	

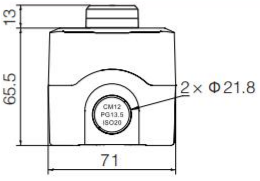
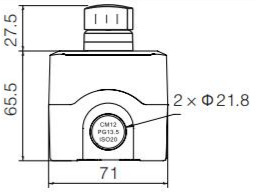
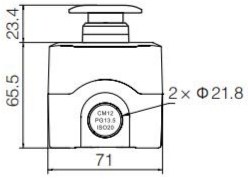
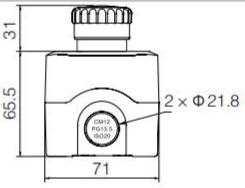
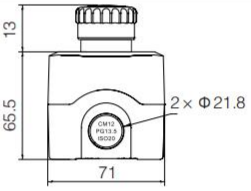
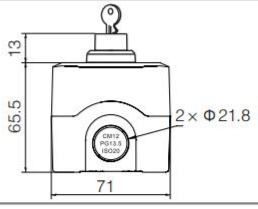
型号命名方式解释 Explanation of Type Designation

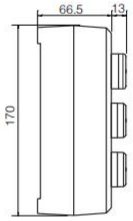
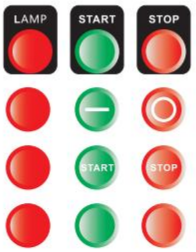
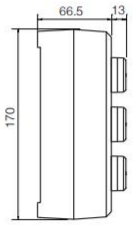
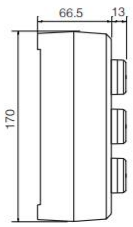
示例 Example

GOB - 1 A 0 1M - YW / P

① ② ③ ④ ⑤ ⑥

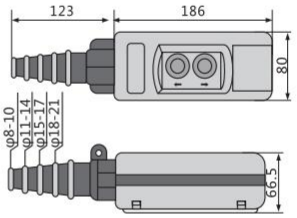
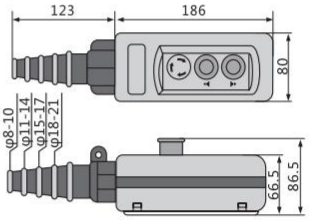
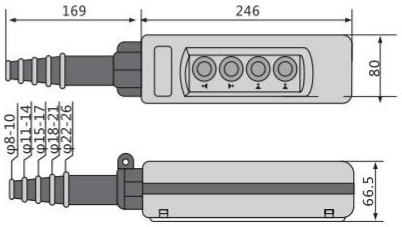
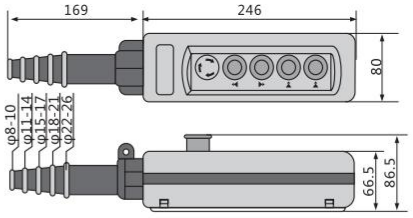
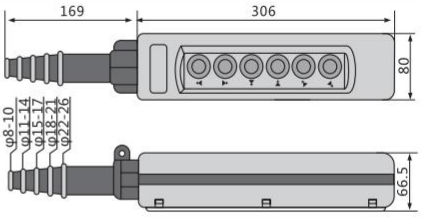
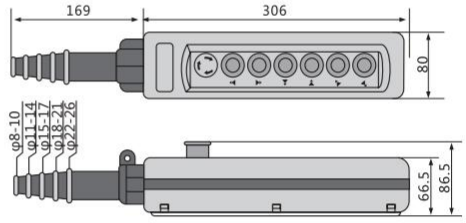
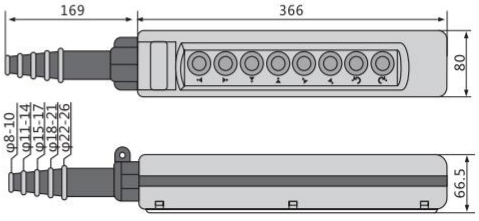
①：按钮盒系列 Button box series
②：孔数 The number of holes
③：按钮盒款式 Button box styles
④：按钮符号代码 Button symbol code
⑤：Y：代表黄色上盖 ;G: 代表深灰色上盖 ;W: 代表白色底座
Y：in it denotes yellow cover；G： in it denotes dark grey cover；W：in it denotes white base
⑥：电缆接头类型 Gable gland styles

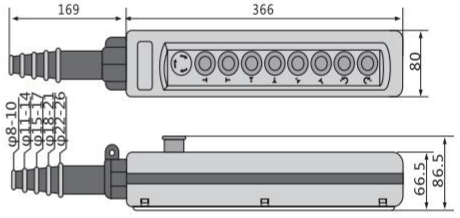
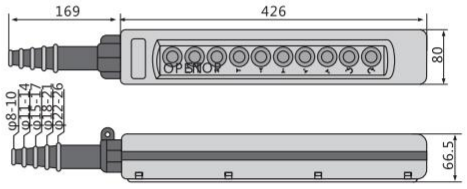
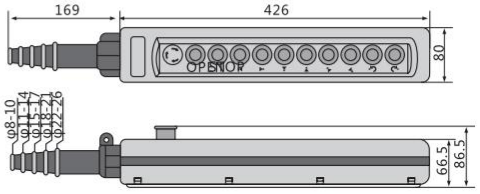
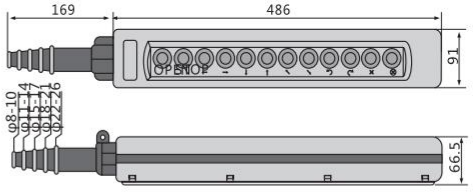
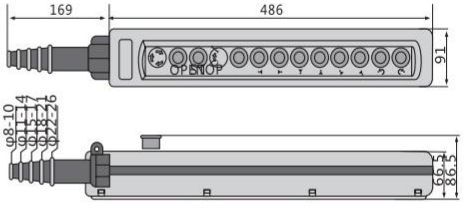
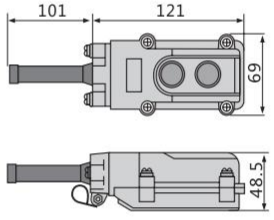
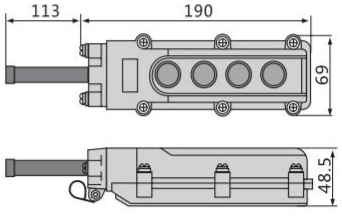
样式 Photo	描述 Description	型号 Type		尺寸 Contour
	1 红色复位按钮 1 red flush pushbutton spring return IP65		GOB-1A11M-GW GOB-1A12-GW GOB-1A13-GW GOB-1A11-GW	
	1 二位置自锁定旋钮 1 selector switch 2-position stay put standard IP65		GOB-1A21M-GW GOB-1A22-GW GOB-1A20-GW	
	1 红色蘑菇头复位按钮 1 red mushroom head pushbutton spring return IP65		GOB-1A60M-GW GOB-1A60-GW	
	可旋转复位和拉拔复位急停钮 1 red mushroom head pushbutton turn to release or push-pull IP65		GOB-1A70M-YW GOB-1A70-YW	
	可旋转复位和拉拔复位急停按钮 1 red mushroom head pushbutton turn to release or push-pull IP65		GOB-1A71M-YW GOB-1A71-YW	
	1 二位置自锁定钥匙钮 1 selector switch with key operated 2-position stay put IP65		GOB-1A42M-GW GOB-1A42-GW	

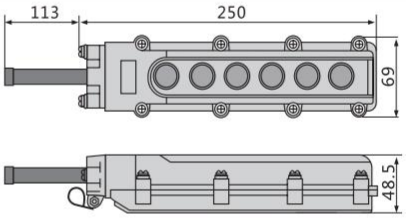
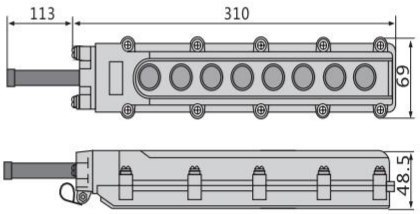
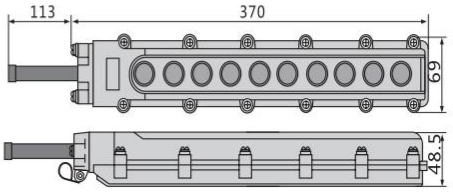
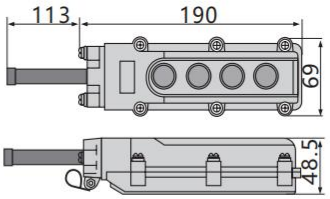
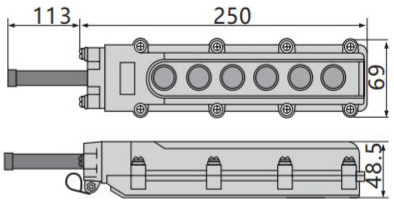
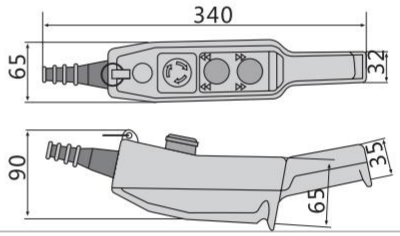
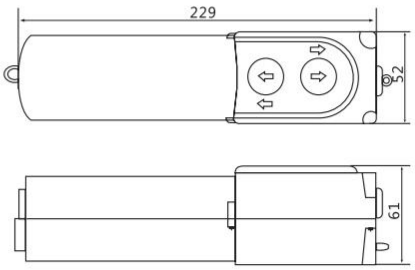
样式 Photo	描述 Description	型号 Type		尺寸 Contour
	1 绿色复位平钮 1 红色复位平钮 2 spring return pushbuttons 1 flush green 1 flush red IP65		GOB-2A10M-GW GOB-2A12-GW GOB-2A13-GW GOB-2A10-GW	
	1 红色指示灯 1 红色复位平钮 1 绿色复位平钮 2 spring return pushbuttons 1 flush green 1 flush red IP65		GOB-3A11M-GW GOB-3A12-GW GOB-3A13-GW GOB-3A11-GW	
	1 红色复位平钮 2 黑色复位平钮 （白箭头） 3 spring return pushbuttons 1 flush red 2 flush black white arrow IP65		GOB-3A22-GW GOB-3A23-GW	

防水盒系列 Waterproof box series

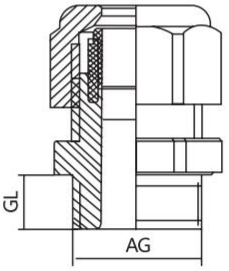
产品样式	外形尺寸 mm 宽 W× 长 L× 高 H	型号
	50×65×55	AG-050605
	65×95×55	AG-060905
	80×110×70	AG-081107
	80×110×85	AG-081108
	80×130×70	AG-081307
	80×130×85	AG-081308
	80×180×70	AG-081807
	80×250×70	AG-082507
	80×250×85	AG-082508
	100×100×75	AG-101007
	100×100×90	AG-101009
	125×125×75	AG-121207
	125×125×90	AG-121209
	125×175×75	AG-121707
	125×175×100	AG-121710
	140×170×95	AG-141709
	150×200×100	AG-152010
	150×200×130	AG-152013
	150x250×100	AG-152510
	150×250×130	AG-152513
	175×175×100	AG-171710
	190×280×130	AG-192813
	200×200×95	AG-202009
	200×200×130	AG-202013

样式 Photo	描述 Description		型号 Type	尺寸 Contour
	两钮联锁、自动复位，常开动和按钮 Two-button interlock, automatic reset, (two on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X271 GOB1-X281 GOB1-X291	
	推锁旋转紧急停止按钮 两钮联锁、自动复位 Push lock revolve urgent stop button; one off (one off two on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X2713 GOB1-X2813 GOB1-X2913	
	两钮联锁、自动复位，常开动合按钮 Two-button interlock, automatic reset, (four on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X471 GOB1-X481 GOB1-X491	
	推锁旋转紧急停止按钮 两钮联锁，自动复位 Push lock revolve urgent stop button; one off (one off four on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X4713 GOB1-X4813 GOB1-X4913	
	两钮联锁，自动复位，常开动合按钮 Two-button interlock, automatic reset, (six on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X671 GOB1-X681 GOB1-X691	
	推锁旋转紧急停止按钮 两钮联锁、自动复位 Push lock revolve urgent stop button; one off (one off six on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X6713 GOB1-X6813 GOB1-X6913	
	两钮联锁，自动复位 常开动合按钮 Two-button interlock, automatic reset, (eight on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X871 GOB1-X881 GOB1-X891	

样式 Photo	描述 Description		型号 Type	尺寸 Contour
	推锁旋转紧急停止按钮，两钮联锁，自动复位 Push lock revolve urgent stop button; one off (one off eight on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X8713 GOB1-X8813 GOB1-X8913	
	两钮联锁，自动复位，常开动合按钮 Two-button interlock, automatic reset, (nine on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X1071 GOB1-X1081 GOB1-X1091	
	推锁旋转紧急停止按钮，两钮联锁，自动复位 Push lock revolve urgent stop button; one off (one off nine on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X10713 GOB1-X10813 GOB1-X10913	
	两钮联锁，自动复位，常开动合按钮 Two-button interlock, automatic reset, (eleven on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X1271 GOB1-X1281 GOB1-X1291	
	推锁旋转紧急停止按钮，两钮联锁，自动复位 Push lock revolve urgent stop button; one off (one off eleven on)	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB1-X12713 GOB1-X12813 GOB1-X12913	
	两钮联锁，自动复位 Buttons inter lock and auto reset	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB2-61	
	两钮联锁，自动复位 Buttons inter lock and auto reset	Ui:500V Ith:10A AC-15 500V-2A 250V-5A	GOB2-62 GOB2-61B	

样式 Photo	描述 Description		型号 Type	尺寸 Contour
	两钮联锁，自动复位 Buttons inter lock and auto reset	Ui:500V Ith:5A AC-15 500V~2A 250V~5A	GOB2-63 GOB2-62B	
	两钮联锁，自动复位 Buttons inter lock and auto reset	Ui:500V Ith:5A AC-15 500V~2A 250V~5A	GOB2-64 GOB2-63B	
	两钮联锁，自动复位 Buttons inter lock and auto reset	Ui:500V Ith:5A AC-15 500V~2A 250V~5A	GOB2-65 GOB2-64B	
	ON(开) 常开自锁 由 OFF 驱动复位 两钮联锁、自动复位 Normal-on and self-lock reset is driven by off Two buttons inter lock self-reset,two couples normal-on-off	Ui:500V Ith:5A AC-15 500V~2A 250V~5A	GOB2-61A	
	ON(开) 常开自锁 由 OFF 驱动复位 两钮联锁、自动复位 Normal-on and self-lock reset is driven by off Two buttons inter lock self-reset,two couples normal-on-off	Ui:500V Ith:5A AC-15 500V~2A 250V~5A	GOB2-62A	
	推锁旋转紧急停止按钮，两钮联锁，自动复位 Push lock revolve urgent stopbutton; one off(one off one on)	Ui:500V~ Ith:10A AC-15 500V~2A 250V~5A	GOB2-61E GOB2-61ES GOB2-61EK GOB2-61ESK	
	带电容防雨型按钮，两钮联锁，自动复位 Push lock revolve, with capacitor,two ON button, 16uf,30uf,40uf,50uf, others according to customer's requirement	Ui:500V~ Ith:10A AC-15 500V~2A 250V~5A	GOB2-61DR	

塑料防水电缆接头 M 型 Plastic waterproof cable connector M type



产品材质：采用 UL 认可的尼龙 PA66
密封件：丁晴橡胶 (NBR)，耐候橡胶 (EPDM)
工作温度：静态 -40°C至 100°C，瞬时耐热至 120°C，动态 -20°C至 80°C，瞬间耐热至 100°C
防护等级：IP68(旋紧部位，并使用 0- 密封圈)
颜色种类：黑色 (RAL9005)、浅灰 (RAL7035)，特殊颜色可定做

Product material: Nylon PA66 approved by UL
Sealing parts: Butadiene rubber (NBR), weatherproof rubber (EPDM)
Operating temperature: static -40°C to 100°C , instantaneous heat resistance to 120°C , dynamic -20°C to 80°C , instant heat resistance to 100°C
Protection level: IP68 (tighten the part and use 0-seal ring)
Color type: black (RAL9005), light gray (RAL7035), special color can be customized

产品型号 Model	适用电缆 Cable Range(mm)	螺纹外径 Thread O.D. AG (mm)	螺纹长度 Thread Length GL(mm)	扳手直径 Spanner Size(mm)
PG7	3~6.5	12.5	8	16
PG7	2~5	12.5	8	16
PG9	4~8	152	8	19
PG9	2~6	152	8	19
PG11	5~10	18.6	8	22
PG11	3~7	18.6	8	22
PG13.5	6~12	20.4	10	24
PG13.5	5~9	20.4	10	24
PG16	10~14	22.5	10	27
PG16	7~12	22.5	10	27
PG19	12~16	24	10	27
PG19	10~13	24	10	27
PG21	13~18	28.3	10	33
PG21	9~16	28.3	10	33
PG25	16~21	30	11	35
PG25	13~18	30	11	35
PG29	18~25	37	12	42
PG29	13~20	37	12	42
PG36	22~32	47	14	52
PG36	20~26	47	14	52
PG42	32~38	54	14	60
PG42	25~31	54	14	60
PG48	37~44	59.3	15	64
PG48	29~35	59.3	15	64
PG63	42~50	71	28	77
PG63	32~40	71	28	77

产品型号 Model	适用电缆 Cable Range(mm)	螺纹外径 Thread O.D.AG (mm)	螺纹长度 Thread Length GL(mm)	扳手直径 Spanner Size(mm)
M12×1.5	3~6.5	12	8	16
M12×1.5	2~5	12	8	16
M16×1.5	4~8	16	8	19
M16×1.5	2~6	16	8	19
M18×1.5	5~10	18	8	22
M18×1.5	3~7	18	8	22
M20×1.5	6~12	20	10	24
M20×1.5	5~9	20	10	24
M22×1.5	10~14	22	10	27
M22×1.5	7~12	22	10	27
M24×1.5	12~16	24	10	27
M24×1.5	10~13	24	10	27
M25×1.5	13~18	25	10	33
M25×1.5	9~16	25	10	33
M27×1.5	13~18	27	10	33
M27×1.5	9~16	27	10	33
M30×1.5	16~21	30	11	35
M30×1.5	13~18	30	11	35
M32×1.5	16~21	32	11	35
M32×1.5	13~18	32	11	35
M36×1.5	18~25	36	12	42
M36×1.5	13~20	36	12	42
M40×1.5	22~32	40	14	52
M40×1.5	20~26	40	14	52
M50×1.5	32~38	50	14	60
M50×1.5	25~31	50	14	60
M63×1.5	37~44	63	15	64
M63×1.5	29~35	63	15	64
M71×1.5	42~50	71	28	77
M71×1.5	32~40	71	28	77

备忘录 Memorandum

GQEM 高桥电子 GQ ELECTRONIC