

产品选型 PRODUCT CATALOGUE



Wenzhou GAD Technological
Electricity Co., Ltd.

温州迦得科技电气有限公司
上海金泉电器有限公司





www.cngad.com
Wenzhou GAD Technological
Electricity Co., Ltd.

About GAD

关于迦得

按钮信号灯的更佳生产商+供应商

上海金泉电器有限公司(温州迦得科技电气有限公司)成立于2000年,是一家专业开发、设计、制造生产按钮开关、信号灯的企业。公司通过了ISO9001质量管理体系认证,所有产品均有CCC, CE认证。公司积极开拓国内外市场,产品远销台湾、印度、埃及、意大利和美国等国家和地区。我们将努力不断开发新产品,改进管理,提高服务质量满足广大客户的需要。

Wenzhou GAD Technological Electricity Co., Ltd. was established in 2000 in Liushi Yueqing Zhejiang China. We focus on manufacturing push button switches, indicator lights as well as other key low-voltage products.

Wenzhou GAD Technological Electricity Co., Ltd. is in accordance with ISO9001 and complies with CCC, CE certificate. At present, our products have been exported to Taiwan, India, Egypt, Italy, United States and we determine to march further into the global market.

We are proud of the reputation we have developed over the years and still work hard to further improve the management and service to better satisfy the needs of our customers.



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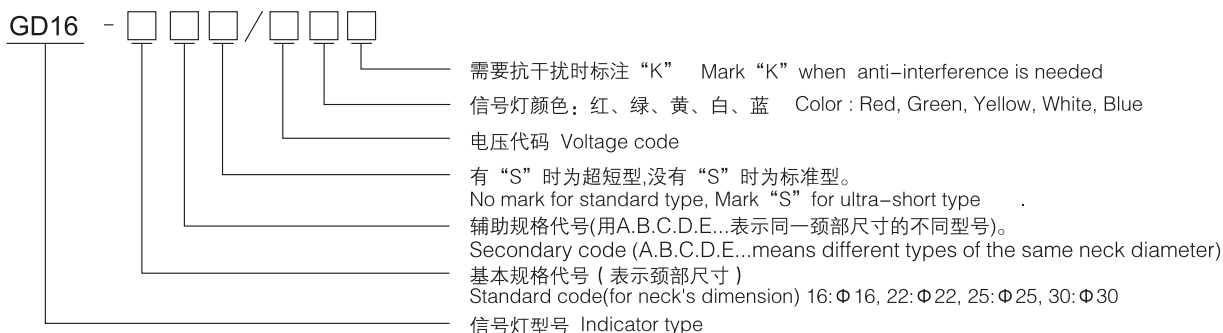
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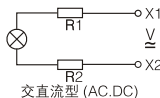
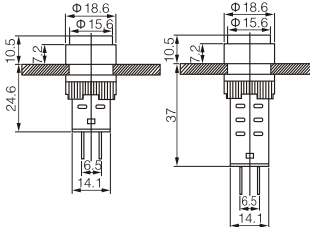
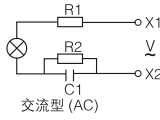
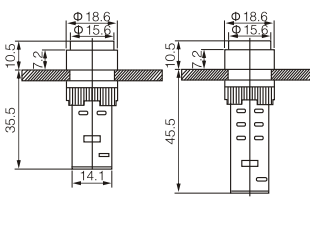
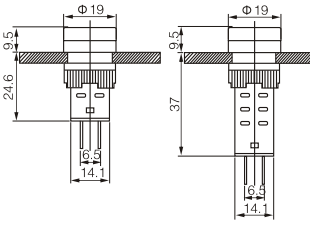


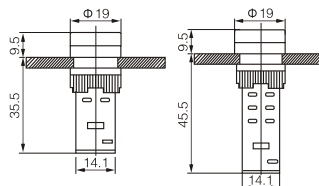
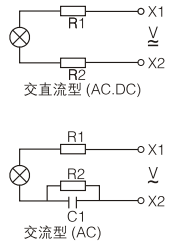
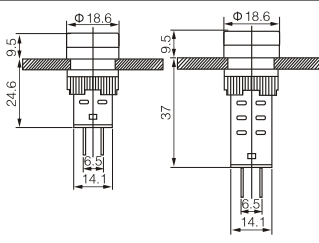
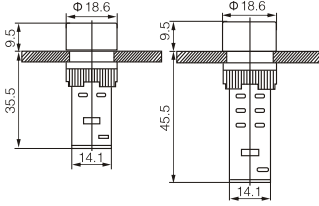
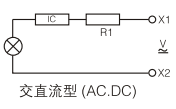
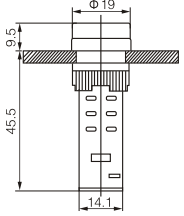
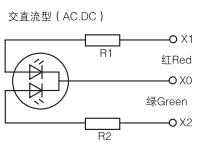
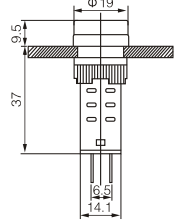
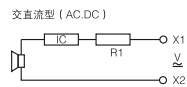
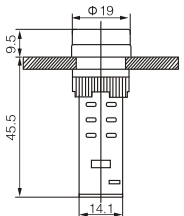
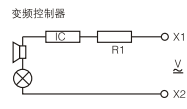
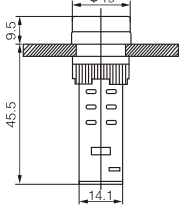
适用环境 Working condition

- | | |
|------------------------------|--|
| 1、环境温度: -25℃ ~ +55℃ | 1、Ambient temperature: -25℃ ~ +55℃ |
| 2、空气相对湿度 ≤ 98% | 2、Relative humidity: ≤ 98% |
| 3、在振动频率为2~80Hz加速度为0.7g下能正常工作 | 3、Normally workable when vibration frequency is 2~80Hz with acceleration of 0.7g |
| 4、污染等级为3级, 安装类型为Ⅲ类 | 4、Pollution degree is 3, installation group is Ⅲ |
| 5、有“TH”标志的能在湿热带环境下工作 | 5、“TH” marked can work in the condition of moist heat |

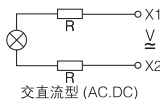
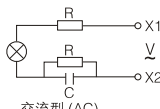
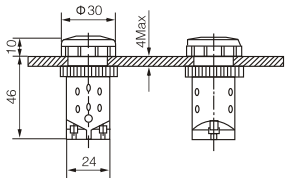
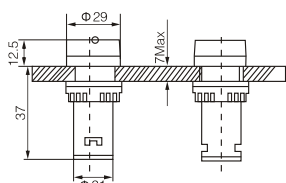
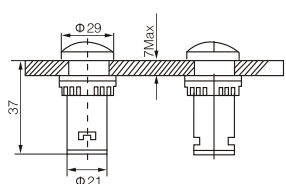
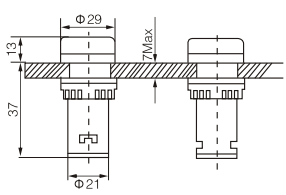
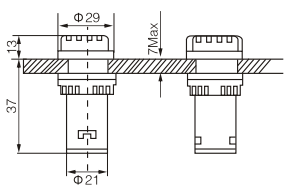
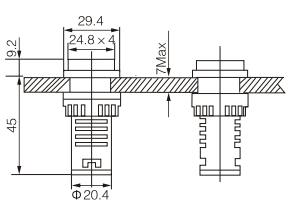
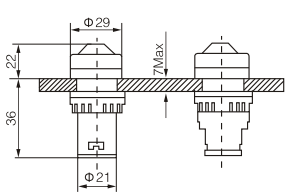
主要技术指标 Technical Data

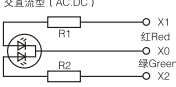
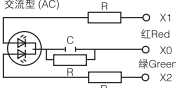
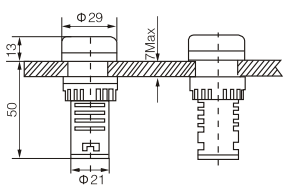
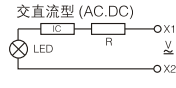
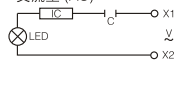
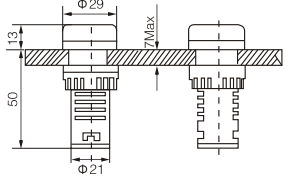
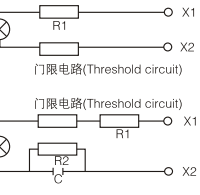
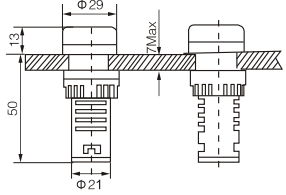
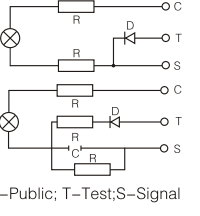
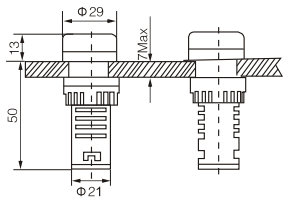
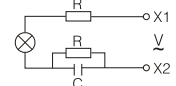
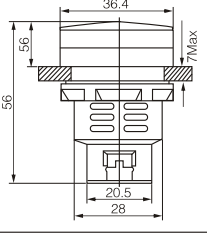
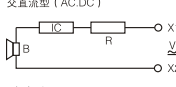
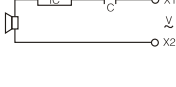
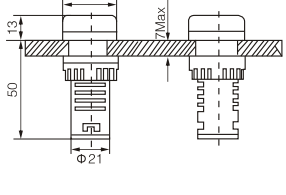
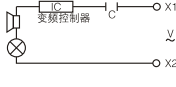
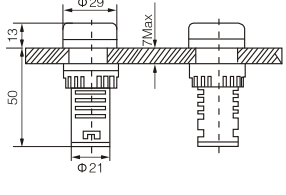
- | | |
|------------------------------|--|
| 1、工频耐压: 2.5KV, 1min | 1、Power frequency withstand voltage: 2.5KV per minute |
| 2、绝缘电阻 ≥ 2MΩ | 2、Insulation resistance: ≥ 2MΩ |
| 3、交流指示灯允许电压波动 ± 20% | 3、Allowable voltage fluctuation: ± 20% |
| 4、连续工作寿命 ≥ 30000小时 | 4、Continuous operating life: ≥ 30000h |
| 5、光亮度 ≥ 100cd/m ² | 5、Brightness: ≥ 100cd/m ² |
| 6、相比漏电起痕指数CTI ≥ 100 | 6、CTI ≥ 100 |
| 7、头部防护等级IP65, 可定制IP67 | 7、Protection grade IP65, IP67 is available on request. |
| 8、使用频率AC50 ~ 60Hz | 8、Applying frequency: AC50 ~ 60Hz |

外形图 Version	型号 Model	颜色 Color	电压 Voltage	电器原理图 Electric Principle	外形尺寸 Outer dimensions
 GD16-16AS	GD16-16A	● 红-R	21-DC.AC 6V	 交直流型 (AC/DC)	
	GD16-16AS		22-DC.AC 12V		
 GD16-16B	GD16-16B	● 绿-G	23-DC.AC 24V	 交流型 (AC)	
	GD16-16B	● 黄-Y	24-DC.AC 36V		
	GD16-16BS	● 蓝-B	25-DC.AC 48V		
	GD16-16BS	● 蓝-B	26-DC.AC 110V		
 GD16-16C	GD16-16C	○ 白-W	27-DC.AC 127V		
	GD16-16CS	○ 白-W	28-DC.AC 220V		
			31-AC 220V		
			32-AC 380V		

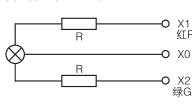
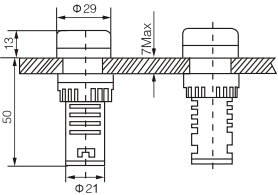
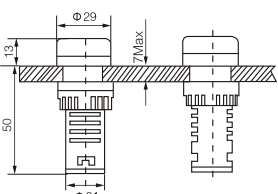
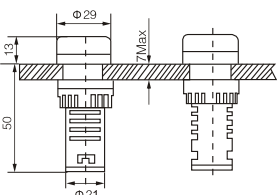
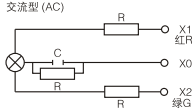
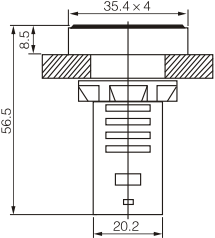
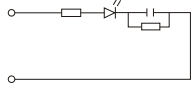
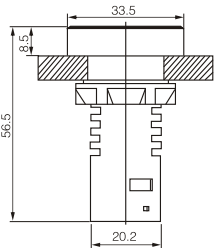
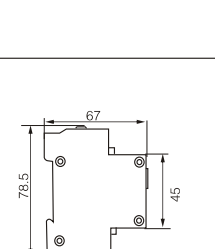
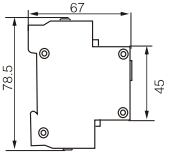
外形图 Version	型号 Model	颜色 Color	电压 Voltage	电器原理图 Electric Principle	外形尺寸 Outer dimensions
 GD16-16DS	GD16-16D	● 红-R	21-DC.AC 6V 22-DC.AC 12V		
	GD16-16DS				
 GD16-16E	GD16-16E	● 绿-G	23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V		
	GD16-16ES	● 黄-Y ● 蓝-B	26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V		
 GD16-16FS	GD16-16F	○ 白-W	31-AC 220V 32-AC 380V		
	GD16-16FS				
 闪光灯 Flashing light	GD16-16S	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V		
 双色灯 Dual light	GD16-16SS	红/绿 R / G ● 红 ● 绿	25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V		
 蜂鸣器 Buzzer	GD16-16FM	● 红-R ● 绿-G ● 黄-Y	22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V		
 闪光蜂鸣器 Flashing Buzzer	GD16-16SM	● 蓝-B ○ 白-W	25-DC.AC 48V 30-AC 110V 31-AC 220V		

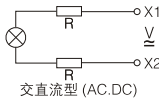
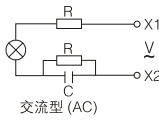
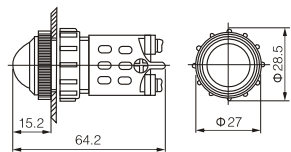
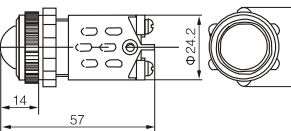
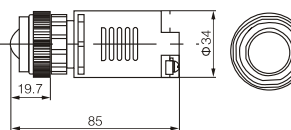
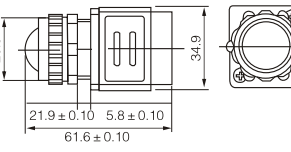
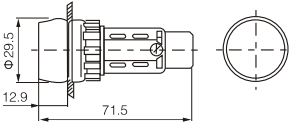
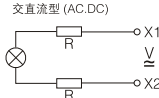
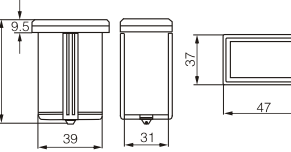
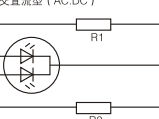
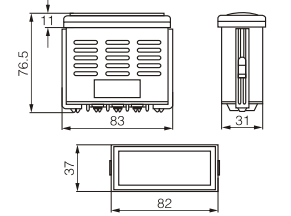


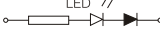
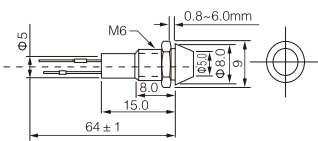
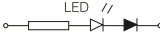
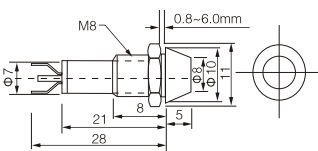
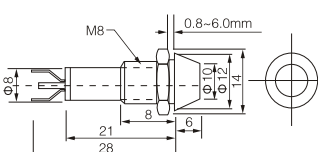
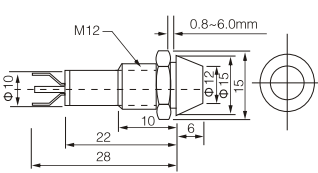
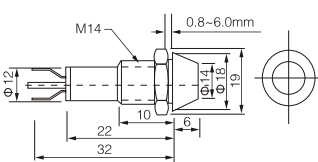
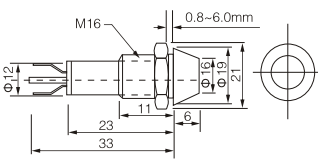
外形图 Version	型号 Model	颜色 Color	电压 Voltage	电器原理图 Electric Principle	外形尺寸 Outer dimensions
 GD16-22A	GD16-22A	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	 交直流型 (AC/DC)  交流型 (AC)	
 GD16-22BS	GD16-22B GD16-22BS				
 GD16-22CS	GD16-22C GD16-22CS				
 GD16-22DS	GD16-22D GD16-22DS				
 GD16-22ES	GD16-22E GD16-22ES				
 GD16-22FS	GD16-22F GD16-22FS				
 GD16-22HS	GD16-22H GD16-22HS				

外形图 Version	型号 Model	颜色 Color	电压 Voltage	电器原理图 Electric Principle	外形尺寸 Outer dimensions
 双色灯 Dual light	GD16-22SS	红/绿 R / G		交直流型 (AC,DC)  交流型 (AC) 	
 闪光灯 Flashing light	GD16-22S			交直流型 (AC,DC)  交流型 (AC) 	
 抗干扰信号灯 Anti-interference light	GD16-22K				
 试验型信号灯 Experimental light	GD16-22T	●红-R ●绿-G	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V	 C-Public; T-Test; S-Signal	
 Φ30信号灯 Φ30 Indicator	GD16-30D	●黄-Y ●蓝-B ○白-W	26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	 交直流型 (AC,DC) 	
 蜂鸣器 Buzzer	GD16-22FM			交直流型 (AC,DC)  交流型 (AC) 	
 闪光蜂鸣器 Flashing Buzzer	GD16-22SM			交直流型 (AC,DC)  交流型 (AC) 	

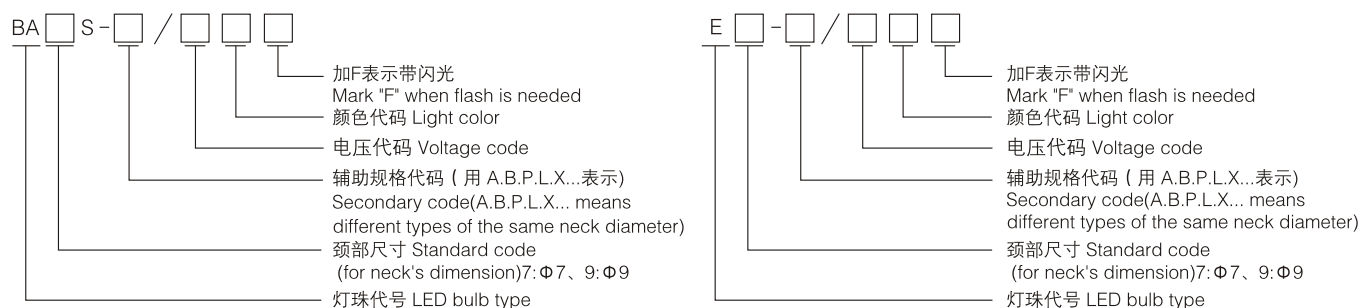


外形图 Version	型号 Model	颜色 Color	电压 Voltage	电器原理图 Electric Principle	外形尺寸 Outer dimensions
 Disconnecting switch position indicator	GD16-22WG	 X0/X1  X0/X2	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	交流型 (AC/DC) 	
 Circuit breaker position indicator	GD16-22WD	 X0/X1  X0/X2			
 Grounding position indicator	GD16-22WN	 X1/X2  X0/X1  X0/X2			
 Disconnecting switch position indicator	GD16-22WF/G GD16-22WY/G	 X0/X1  X0/X2		交流型 (AC) 	
 Circuit breaker position indicator	GD16-22WF/D GD16-22WY/D	 X0/X1  X0/X2			
 Grounding position indicator	GD16-22WF/N GD16-22WY/N	 X1/X2  X0/X1  X0/X2			
 Dinrail indicator	G45N-D	 红-R  绿-G			

外形图 Version	型号 Model	颜色 Color	电压 Voltage	电器原理图 Electric Principle	外形尺寸 Outer dimensions
 GD11-25/40-5G	GD11-25/40-5G GD11-25/20-5G	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	 交直流型 (AC/DC)  交流型 (AC)	
 GD11-22/41-5G	GD11-22/41-5G GD11-22/21-5G				
 GD11-25/40-3G	GD11-25/40-3G GD11-25/20-3G				
 GD11-25/40-1G	GD11-25/40-1G GD11-25/20-1G				
 GD11-25/40-8GZ	GD11-25/40-8GZ GD11-25/20-8GZ				
 GD11-39 x 31	GD11-39 x 31	● 红-R ● 绿-G ● 黄-Y ○ 白-W	22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V	 交直流型 (AC/DC)	
 GD11-77 x 31	GD11-77 x 31		26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V	 交直流型 (AC/DC)	

外形图 Version	型号 Model	颜色 Color	额定电压	线路图	外形尺寸 Outer dimensions
	GD16C-6	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	DC · AC 6V-24V		
	GD16C-8				
	GD16C-10				
	GD16C-12				
	GD16C-14				
	GD16C-16				

型号及含义 Model and implication

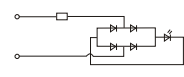
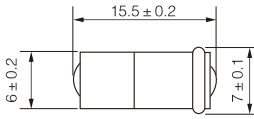
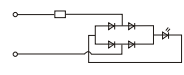
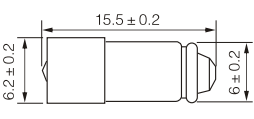
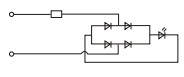
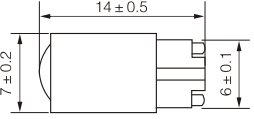
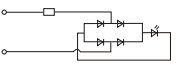
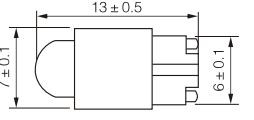


适用环境 Working condition

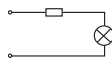
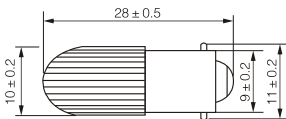
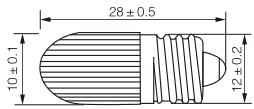
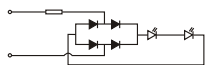
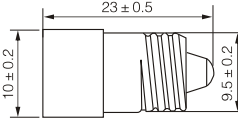
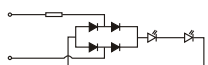
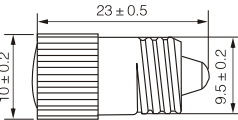
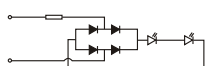
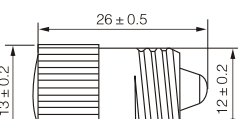
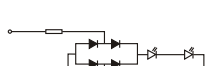
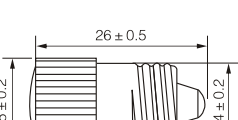
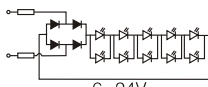
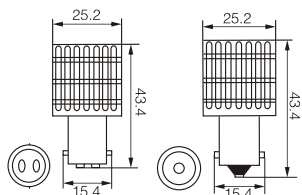
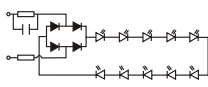
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|--|---|
| <ol style="list-style-type: none"> 1、环境温度: -25℃ ~ +55℃ 2、相对湿度: ≤85% 3、在振动频率为2~80Hz加速度为0.7g下能正常工作; 4、安装类别 III 类 5、海拔高度: ≤2000m | <ol style="list-style-type: none"> 1、Ambient temperature: -25℃ ~ +55℃; 2、Relative humidity: ≤85% 3、Normally workable when vibration frequency is 2~80Hz with acceleration of 0.7g; 4、Pollution degree is 3, installation group is III ; 5、Altitude: ≤2000m |
|--|---|

用途 Technical Data

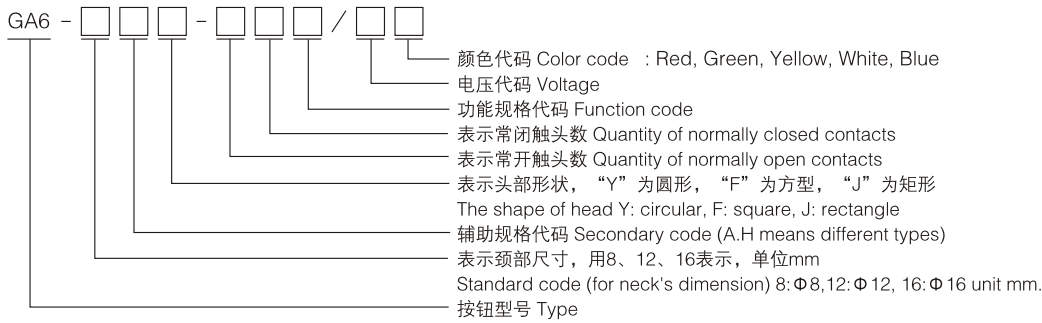
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| <ol style="list-style-type: none"> 1、工频耐压: 2KV, 1min 2、绝缘电阻 ≥2MΩ 3、交流指示灯允许电压波动6V~48V:5%. 110~230V:10% 4、连续使用寿命 ≥30000小时 5、使用频率AC50~60Hz 6、头部防护等级IP55 | <ol style="list-style-type: none"> 1、Power frequency withstand voltage: 2000V per minute (effective AC value) 2、Insulation resistance: ≥2MΩ 3、Allowable voltage fluctuation: 6V~48V:5%. 110~230V:10% 4、Continuous operating life: ≥30000h 5、Applying frequency: 50/60Hz 6、Protection grade :IP55 |
|--|--|

外形图 Version	型号 Model	颜色 Color	电压 Voltage	电器原理图 Electric principle	外形尺寸 Outer dimensions
 BA6S-A	BA6S-A	● 红-R			
 BA6S-B	BA6S-B	● 绿-G	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V		
 BA7S-P	BA7S-P	● 黄-Y	25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC .AC 220V		
 BA7S-L	BA7S-L	○ 白-W			



外形图 Version	型号 Model	颜色 Color	电压 Voltage	电器原理图 Electric Principle	外形尺寸 Outer dimensions
 BA9S-N	BA9S-N	● 红-R ● 绿-G	DC.AC 110V~220V		
 E10-N	E10-N				
 BA9S-P	BA9S-P	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V		
 E10-X	E10-X				
 E12-X	E12-X				
 E14-X	E14-X				
 B15-A	B15-A				
	B15-B				

型号及含义 Model and implication



功能规格代码 Function code

	一般按钮 Momentary pushbutton	TD	带灯自锁按钮 Illuminated Maintained pushbutton
T	平按钮锁 Maintained pushbutton	Z	自锁急停按钮 Emergency PushlockTurn Reset
M	蘑菇按钮 Momentary mushroom	X2	二位旋钮 2-Position Selector Switches
MT	蘑菇交替按钮 Maintained mushroom	X3	三位旋钮 3-Position Selector Switches
MD	蘑菇带灯按钮 Momentary mushroom with light	Y2	二位钥匙 2-Position Key Switches
MTD	蘑菇带灯交替按钮 Maintained mushroom with light	Y3	三位钥匙 3-Position Key Switches
D	带灯按钮 Illuminated pushbutton	FM	蜂鸣器 Buzzer
P	信号灯 Pilot Light	FP	蜂鸣器 Buzzer Pin type

使用环境 Working Conditions

- | | |
|--------------------|-----------------------------------|
| 1. 环境温度: -25℃~+55℃ | 1. Ambient temperature: -25℃~+55℃ |
| 2. 相对湿度: ≤85% | 2. Relative humidity: ≤85% |
| 3. 海拔: ≤2000m. | 3. Altitude: ≤2000m. |
| 4. 污染等级: 3 | 4. Pollution degree: 3 |

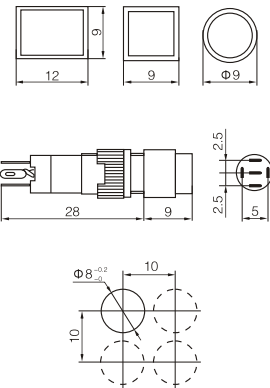
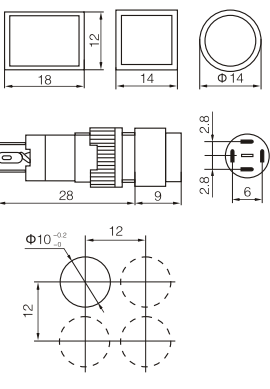
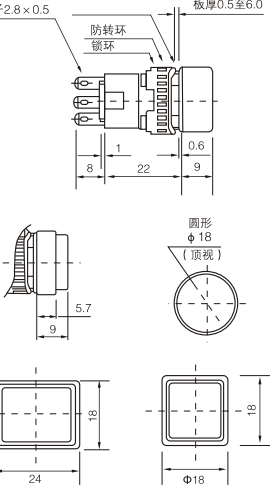
技术指标 Technical Data

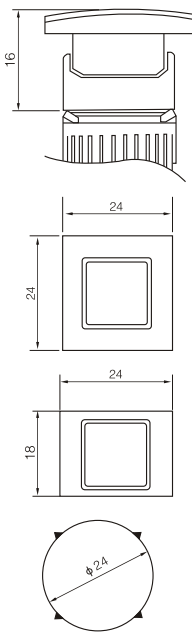
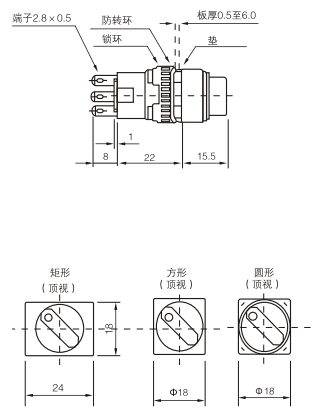
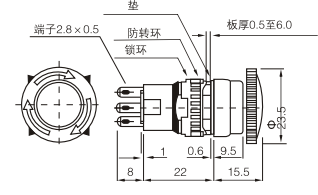
- | | |
|--|--|
| 1. 耐压: 2.0KV AC 1 分钟 | 1. Industrial frequency voltage withstands: 2.0KV AC per minute. |
| 2. 接触电阻: ≤50mΩ | 2. Contact resistance: ≤50mΩ |
| 3. 机械寿命: 瞬动 2 × 10 ⁵ 其它 1 × 10 ⁵ | 3. Mechanical life: Momentary: 2 × 10 ⁵ Others: 1 × 10 ⁵ |
| 4. 电寿命: 瞬动 1 × 10 ⁵ 其它: 5 × 10 ⁴ | 4. Electric life: Momentary: 1 × 10 ⁵ Others: 5 × 10 ⁴ |
| 6. 防护等级: IP40, IP67 带防水帽 | 5. Protection grade: IP40, IP67 with cover |
| 5. LED寿命: 3 × 10 ⁴ 小时 | 6. LED life: 3 × 10 ⁴ h |

其他参数 Rated Values

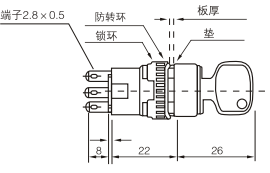
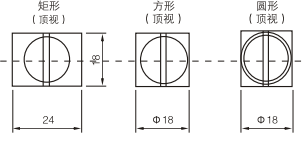
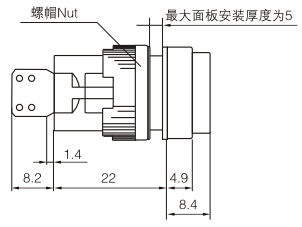
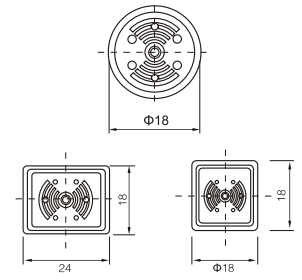
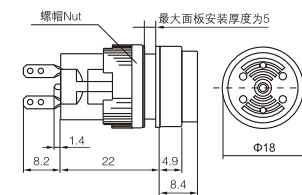
最高电压 Rated insulated voltage Ui		250V		
发热电流 Conventional heating current Ith		5A		
工作电压 Rated operational voltage Ue (V)		24	110	220
工作电流 Rated operational current (A)	AC-15	2	1	0.5
	DC-13	0.7	0.2	0.1

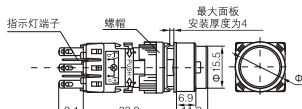
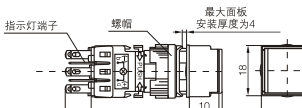
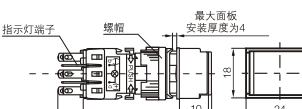
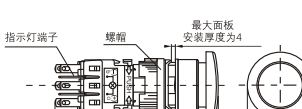
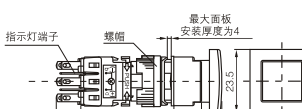
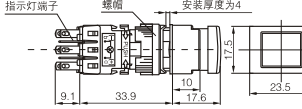
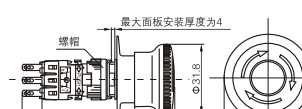


外形图 Version	功能 Function	型号 Model	触头结构 Contact Structure	颜色 Color	外形尺寸 Outer dimensions
 圆形 Circular  方形 Square  矩形 Rectangular	信号灯 Pilot Light	GA6-8AY-P/□ GA6-8AY-11/□ GA6-8AY-11Z/□ GA6-8AY-11D/□ GA6-8AY-11TD/□	STD (1NO+1NC)	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	
	自复位 Momentary	GA6-8AF-P/□ GA6-8AF-11/□ GA6-8AF-11Z/□ GA6-8AF-11D/□ GA6-8AF-11TD/□			
	自锁式 Maintained	GA6-8AJ-P/□ GA6-8AJ-11/□ GA6-8AJ-11Z/□ GA6-8AJ-11D/□ GA6-8AJ-11TD/□			
 圆形 Circular  方形 Square  矩形 Rectangular	信号灯 Pilot Light	GA6-12AY-P/■ GA6-12AY-11/■ GA6-12AY-11Z/■ GA6-12AY-11D/■ GA6-12AY-11TD/■	STD (1NO+1NC)	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	
	自复位 Momentary	GA6-12AF-P/■ GA6-12AF-11/■ GA6-12AF-11Z/■ GA6-12AF-11D/■ GA6-12AF-11TD/■			
	自锁式 Maintained	GA6-12AJ-P/■ GA6-12AJ-11/■ GA6-12AJ-11Z/■ GA6-12AJ-11D/■ GA6-12AJ-11TD/■			
 圆形 Circular  方形 Square  矩形 Rectangular	信号灯 Pilot Light	GA6-16AY-P GA6-16AF-P GA6-16AJ-P	AC/DC 6V~220V	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K 注: 黑色 钮罩不用 于带灯 Note: black button cover is not used with light	
	瞬动 Momentary	GA6-16AY-□/■ GA6-16AF-□/■ GA6-16AJ-□/■ GA6-16AY-□D/■ GA6-16AF-□D/■ GA6-16AJ-□D/■			
	自锁式 Maintained	GA6-16AY-□T/■ GA6-16AF-□T/■ GA6-16AJ-□T/■ GA6-16AY-□TD/■ GA6-16AF-□TD/■ GA6-16AJ-□TD/■			

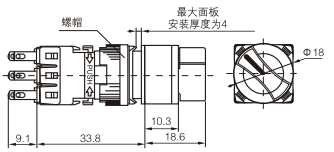
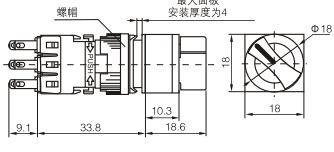
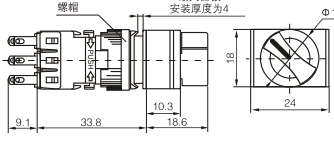
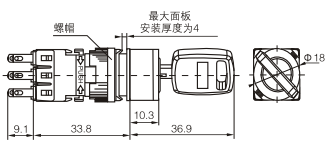
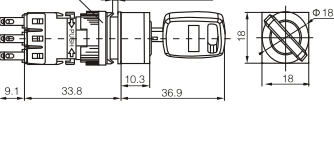
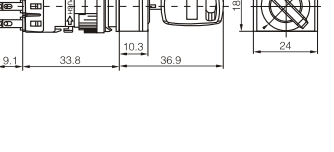
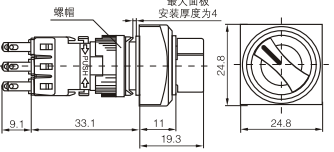
外形图 Version	功能 Function	型号 Model	电压等级 Voltage Class	颜色 Color	外形尺寸 Outer dimensions
 蘑菇钮 Mushroom  大方形 Big square  大矩形 Big Rectangular	瞬动 Momentary Without light 瞬动 Momentary With light 自锁式 Maintained Without light 自锁式 Maintained With light	GA6-16AY-□M/■ GA6-16AF-□M/■ GA6-16AJ-□M/■ GA6-16AY-□MD/■ GA6-16AF-□MD/■ GA6-16AJ-□MD/■ GA6-16AY-□MT/■ GA6-16AF-□MT/■ GA6-16AJ-□MT/■ GA6-16AY-□MTD/■ GA6-16AF-□MTD/■ GA6-16AJ-□MTD/■	AC/DC 6V~220V	●红-R ●绿-G ●黄-Y ●蓝-B ○白-W ●黑-K 注: 黑色 钮罩不用 于带灯 Note: black button cover is not used with light	
 圆形 Circular  方形 Square  矩形 Rectangular	二位旋钮 2-Position selector 三位旋钮 3-Position selector	GA6-16AY- □X2/■ GA6-16AF-□X2/■ GA6-16AJ-□X2/■ GA6-16AY-22X3/■ GA6-16AF-22X3/■ GA6-16AJ-22X3/■		●红-R ●绿-G ●黑-K	
 紧急钮 Emergency	按下键定右旋转复位 Pushlock Turn Reset	GA6-16AY- □Z		●红-R ●绿-G	



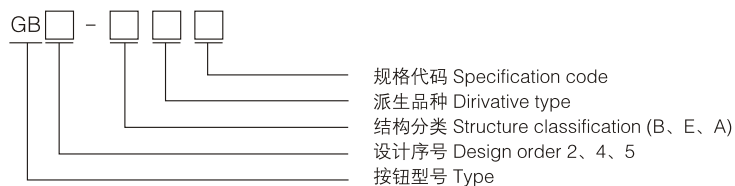
外形图 Version	功能 Function	型号 Model	说明	外形尺寸 Outer dimensions
 圆形 Circular  方形 Square  矩形 Rectangular	二位钥匙 2-Position Key Switches 三位钥匙 3-Position Key Switches	GA6-16AY-□Y2 GA6-16AF-□Y2 GA6-16AJ-□Y2 GA6-16AY-22Y3 GA6-16AF-22Y3 GA6-16AJ-22Y3	钥匙取出位置 key removal position 二位位置钥匙，钥匙在两个位置均可拔出。三位位置钥匙有两种类型： 1. 钥匙在中间位置可拔出。 2. 钥匙在三个位置均可拔出。 key two-position which can be taken out in two positions key three-position has two types: 1. key is taken out in middle position 2. key is all taken out in three positions	 
 圆形 Circular  方形 Square  矩形 Rectangular	蜂鸣器 Buzzer	GA6-16AY-FM/L GA6-16AF-FM/L GA6-16AJ-FM/L GA6-16AY-FM/S GA6-16AF-FM/S GA6-16AJ-FM/S	分长音和间断音两种 L-Continuous S-Discontinuity 音量: 10cm/80dB 电压范围: AC.DC 6V-48V AC 110V-220V	 
	蜂鸣器 Buzzer Pin type	GA6-16AY-F P/L GA6-16AF-FP/L GA6-16AJ-FP/L GA6-16AY-FP/S GA6-16AF-FP/S GA6-16AJ-FP/S		 

外形图 Version	功能 Function	型号 Model	电压等级 Voltage Class	颜色 Color	外形尺寸 Outer dimensions
 圆形 Circular	信号灯 Pilot Light	GA6-16HY-P GA6-16HF-P GA6-16HJ-P	AC/DC 6V~220V	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K 注: 黑色 钮罩不用 于带灯 Note: black button cover is not used with light	 指示灯端子 螺帽 最大面板 安装厚度为4 9.1 33.9 11.2 15.5 18
 方形 Square	瞬动 Momentary Without light	GA6-16HY-□/■ GA6-16HF-□/■ GA6-16HJ-□/■			 指示灯端子 螺帽 最大面板 安装厚度为4 9.1 33.9 10 11.2 18 18
 矩形 Rectangular	瞬动 Momentary With light	GA6-16HY-□D/■ GA6-16HF-□D/■ GA6-16HJ-□D/■			 指示灯端子 螺帽 最大面板 安装厚度为4 9.1 33.9 10 11.2 18 24
 蘑菇钮 Mushroom	瞬动 Momentary Without light	GA6-16HY-□M/■ GA6-16HF-□M/■ GA6-16HJ-□M/■	AC/DC 6V~220V	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K 注: 黑色 钮罩不用 于带灯 Note: black button cover is not used with light	 指示灯端子 螺帽 最大面板 安装厚度为4 9.1 33.9 6.9 13.8 23.5
 大方形 Big square	瞬动 Momentary With light	GA6-16HY-□MD/■ GA6-16HF-□MD/■ GA6-16HJ-□MD/■			 指示灯端子 螺帽 最大面板 安装厚度为4 9.1 33.9 10 17.6 23.5 23.5
 大矩形 Big Rectangular	自锁式 Maintained Without light	GA6-16HY-□MT/■ GA6-16HF-□MT/■ GA6-16HJ-□MT/■			 指示灯端子 螺帽 最大面板 安装厚度为4 9.1 33.9 10 17.6 23.5 23.5
 紧急钮 Emergency	按下键定右旋转复位 Push lock Turn Reset	GA6-16HY- □Z		● 红-R ● 绿-G	 螺帽 最大面板 安装厚度为4 9.1 33.9 8 26 31.8 40



外形图 Version	工作状态 working state	型号 Model	颜色 Color	外形尺寸 Outer dimensions
 圆形 Circular  方形 Square  矩形 Rectangular	二位旋钮 2-Position selector 二位旋钮 3-Position selector	GA6-16HY- □X2/■ GA6-16HF-□X2/■ GA6-16HJ-□X2/■ GA6-16HY-22X3/■ GA6-16HF-22X3/■ GA6-16HJ-22X3/■	● 红-R ● 绿-G ● 黑-K	  
 圆形 Circular  方形 Square  矩形 Rectangular	二位钥匙 2-Position Key Switches 三位钥匙 3-Position Key Switches	GA6-16HY- □Y2 GA6-16HF-□Y2 GA6-16HJ-□Y2 GA6-16HY-22Y3 GA6-16HF-22Y3 GA6-16HJ-22Y3	钥匙取出位置 key removal be psition 二位位置钥匙，钥匙 在两个位置均可拔 出。三位钥匙钮有 两种类型： 1. 钥匙在中间位置 可拔出。 2. 钥匙在三个位置 均可拔出。 key two-position which can be taken out in two positions key three-position has two types: 1. key is takenout in middl 2. key is all taken out in thre positions	  
 矩形 Rectangular	二位钥匙 2-Position Key Switches 三位钥匙 3-Position Key Switches	GA6-16HY- □MY2 GA6-16HJ-□MY2 GA6-16HY- □MY3 GA6-16HJ-□MY3		

型号及含义 Model and implication



派生品种 Derivative type	规格代码 Specification Code		
A: Flush pushbutton L: Extended pushbutton P: Booted pushbutton C: Φ40 mushroom pushbutton R: Φ60 mushroom pushbutton	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	1: NO 2: NC 3: 2NO 4: 2NC 5: NO+NC	---
S: Mushroom push and turn to release	4: Φ30 5: Φ40 6: Φ60	4: Red	1: NO 2: NC 5: NO+NC
D: Selector switch(Standard) J: Selector switch(long handle) G: Key switch	2: 2position lock up 3: 3position lock up 4: 2position spring return 5: 3position spring return	1: NO 2: NC 3: 2NO 4: 2NC 5: NO+NC	---
L8: Button With Double Heads	3: Flush button 4: Flush button+ Extendend button	2: 	5: NO+NC
W3: Button With Light K2: Illuminated 2 Position K3: Illuminated 3 Position	1: White 3: Green 4: Red 5: Yellow 6: Blue	4: 220V transformer type 5: 380v transformer type 6: Direct type 7: Resistant type	1: NO 2: NC 3: 2NO 4: 2NC 5: NO+NC
W8: Button With Double Heads And Lamp	4: Flush button+ Extendend button 	4: 220V transformer type 5: 380v transformer type 6: Direct type 7: Resistant type	5: NO+NC
V: Pilot Lamp	4: 220V transformer type 5: 380v transformer type 6: Direct type 7: Resistant type	1: White 3: Green 4: Red 5: Yellow 6: Blue	---
V1: Economic Pilot Lamp	6: Direct type	1: White 3: Green 4: Red 5: Yellow 6: Blue	---
BE: Contact Block	101: NO contaction group 102: NC contaction group	---	---

使用环境 Working Conditions

- 1、环境温度: -25℃~+55℃
- 2、相对湿度: ≤85%
- 3、海拔: ≤2000m.
- 4、污染等级: 3

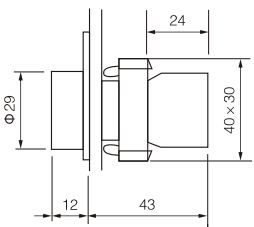
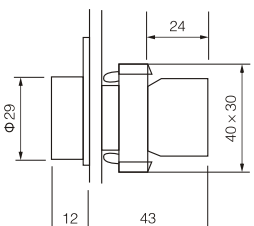
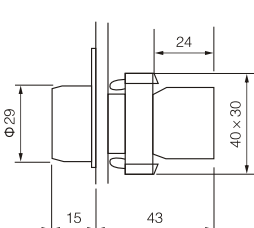
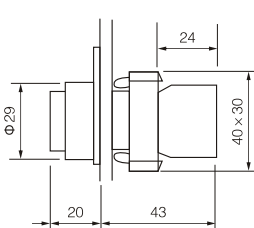
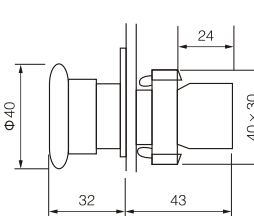
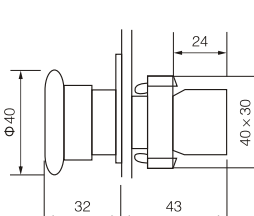
- 1、Ambient temperature: -25℃~+55℃
- 2、Relative humidity: ≤85%
- 3、Altitude: ≤2000m.
- 4、Pollution degree: 3

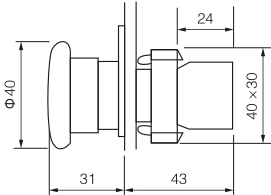
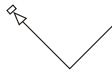
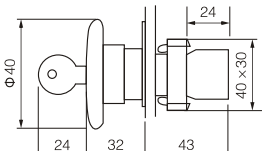
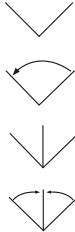
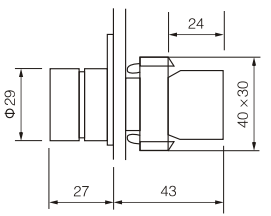
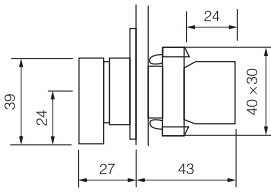
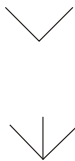
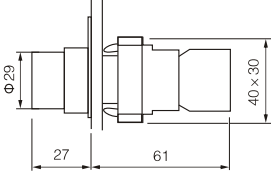
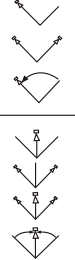
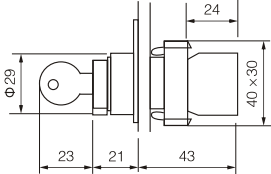
技术指标 Technical Data

- 1、耐压: 2.5KV AC 1 分钟
- 2、接触电阻: ≤50mΩ
- 3、机械寿命: 瞬动 1×10^6 其它 1×10^5
- 4、电寿命: 瞬动 1×10^5 其它 5×10^4
- 5、防护等级: IP65, IP67 带防水帽
- 6、使用频率: AC50 ~ 60Hz

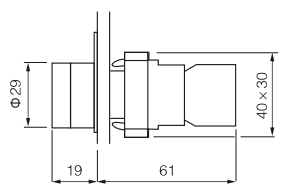
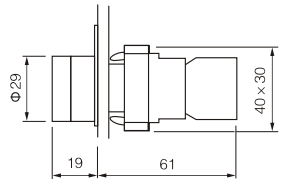
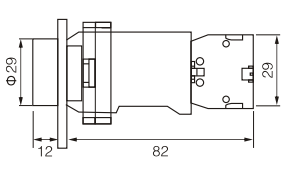
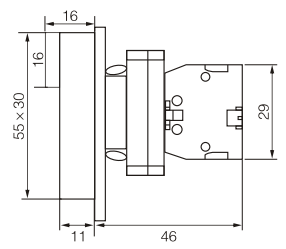
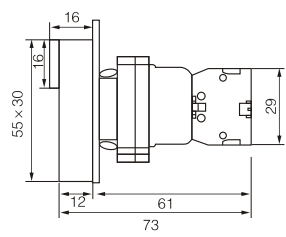
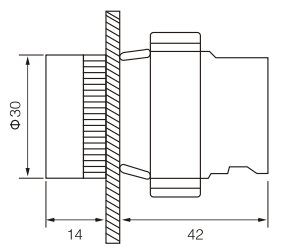
- 1、Industrial frequency voltage withstands: 2.5KV AC per minute.
- 2、Contact resistance: ≤50mΩ
- 3、Mechanical life: Momentary 1×10^6 Others: 1×10^5
- 4、Electric life: Momentary: 1×10^5 Others: 5×10^4
- 5、Protection grade: IP40, IP67 with cover
- 6、Applying frequency: AC50 ~ 60Hz

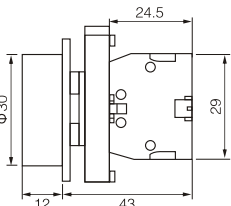
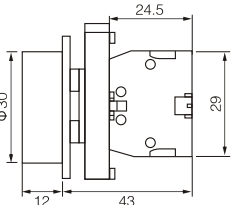
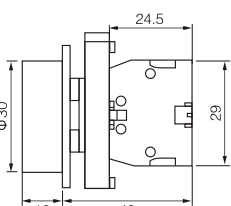
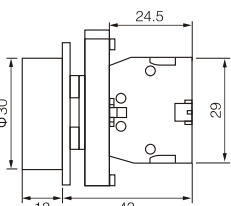
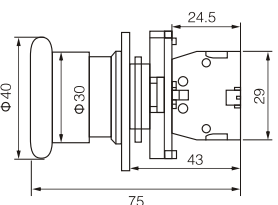
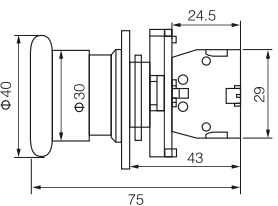
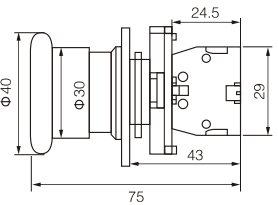


外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GB2-BA31	瞬动型 Momentary	GB2-BA11 GB2-BA21 GB2-BA31 GB2-BA42 GB2-BA53 GB2-BA65	○ 白-W ● 黑-K ● 绿-G ● 红-R ● 黄-Y ● 蓝-B	1NO 1NO 1NO 1NC 2NO 1NO+1NC	
Premarked  GB2-BA3351	瞬动型 Momentary	GB2-BA3311 GB2-BA3361 GB2-BA3341 GB2-BA3351 GB2-BA4322	● 绿-G ● 绿-G ○ 白-W ● 黑-K ● 红-R	1NO 1NO 1NO 1NO 1NC	
Booted  GB2-BP31	瞬动型 Momentary	GB2-BP11 GB2-BP21 GB2-BP35 GB2-BP42 GB2-BP51 GB2-BP65	○ 白-W ● 黑-K ● 绿-G ● 红-R ● 黄-Y ● 蓝-B	1NO 1NO 1NO+1NC 1NC 1NO 1NO+1NC	
Extended  GB2-BL42	瞬动型 Momentary	GB2-BL11 GB2-BL21 GB2-BL35 GB2-BL44 GB2-BL51 GB2-BL51	○ 白-W ● 黑-K ● 绿-G ● 红-R ● 黄-Y ● 蓝-B	1NO 1NO 1NO+1NC 2NC 1NO 1NO	
Mushroom  GB2-BC42	蘑菇瞬动型 Momentary BC-Φ40 BR-Φ60	GB2-BC31 GB2-BC42 GB2-BC51 GB2-BR31 GB2-BR43 GB2-BR55	● 绿-G ● 红-R ● 黄-Y ● 绿-G ● 红-R ● 黄-Y	1NO 1NC 1NO 1NO 2NO 1NO+1NC	
Emergency  GB2-BS542	急停按钮 Push lock Turn to release 4-Φ30 5-Φ40 6-Φ60	GB2-BS442 GB2-BS542 GB2-BS645	● 红-R	1NC 1NC 1NO+1NC	

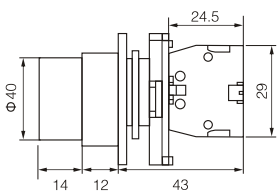
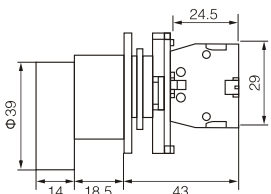
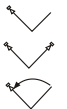
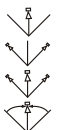
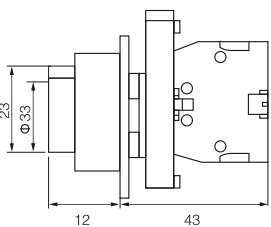
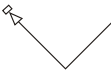
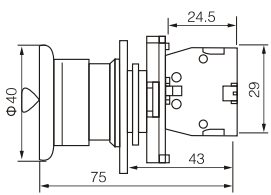
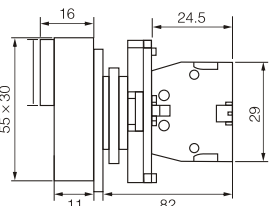
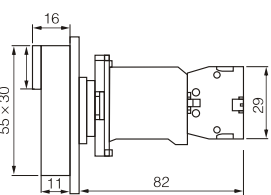
外形图 Version	功能 Function	型号 Model	触点 Contact	说明 Description	外形尺寸 Outer dimensions
Push-pull  GB2-BT42	推拉钮 Push-pull T-Φ40 X-Φ60	GB2-BT42 GB2-BX42	1NC	 红-R	
Key mushroom  GB2-BS142	蘑菇钥匙 Push lock Key release	GB2-BS142	1NC 1NC 1NC		
Standard lever  GB2-BD21	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GB2-BD21 GB2-BD45 GB2-BD33 GB2-BD53	1NO 1NO+1NC 2NO 2NO		
Long Lever  GB2-BJ33	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GB2-BJ21 GB2-BJ45 GB2-BJ33 GB2-BJ53	1NO 1NO+1NC 2NO 2NO		
Illuminated Selector  GB2-BK3462	二位锁定 2-position locked 三位锁定 3-position locked	GB2-BK2361 GB2-BK2462 GB2-BK3363 GB2-BK3365	1NO 1NC 2NO 1NO+1NC		
Key switch  GB2-BG25	二位 2-position 二位自复 2-position return 三位 3-position 三位自复 3-position return	GB2-BG21 GB2-BG41 GB2-BG61 GB2-BG33 GB2-BG53 GB2-BG03 GB2-BG73	1NO 1NO 1NO 2NO		

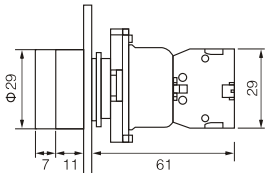
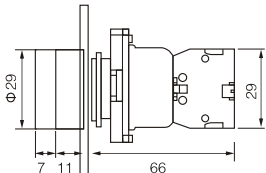
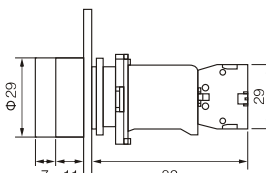
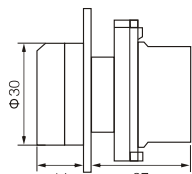
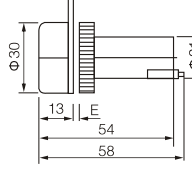
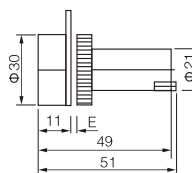


外形图 Version	说明 Description	型号 Model	颜色 Color	触点 Contact	外形尺寸 Outer dimensions
Illuminated  GB2-BW3361	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V M-LED lamp AC 220V X1—X2	GB2-BW3462 GB2-BW3361 GB2-BW35B1 GB2-BW36B1 GB2-BW31M5 GB2-BW33M5	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 绿-G	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Illuminated  GB2-BW3371	Resistance 7-Neon lamp 6.3V~220V X1 	GB2-BW3472 GB2-BW3371 GB2-BW3571 GB2-BW3671 GB2-BW3175 GB2-BW3375	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 绿-G	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Illuminated  GB2-BW3442	Transformer 4-Neon lamp 220V~240V/50Hz X1  X2	GB2-BW3442 GB2-BW3341 GB2-BW3541 GB2-BW3641 GB2-BW3145 GB2-BW3345	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 绿-G	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Double Button  GB2-BL8425	83- Flush green Flush red 84-Flush green Extended red	GB2-BL8325 GB2-BL8425		1NO+1NC 1NO+1NC	
Illuminated Double Button  GB2-BW8465	With pilot light 1 flush green 2 pilot lamp with yellow lens 2 extended red	GB2-BW8365 GB2-BW8465		1NO+1NC 1NO+1NC	
Pilot Light  GB2-BV63	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V M-LED lamp AC 220V 7-Resistance With Neon lamp 4-Transformer With Neon lamp	GB2-BV□4 GB2-BV□3 GB2-BV□5 GB2-BV□6 GB2-BV□1	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	Directness X1—X2 7-Resistance X1—X2 4-Transformer X1—X2	

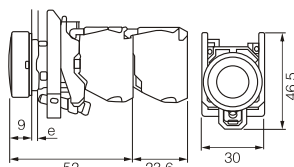
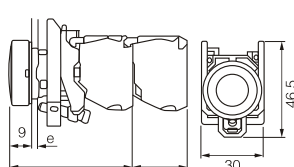
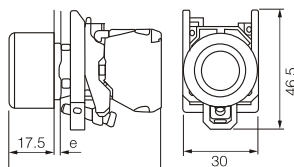
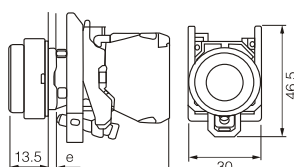
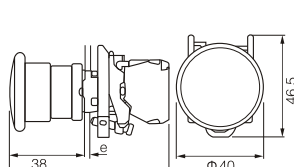
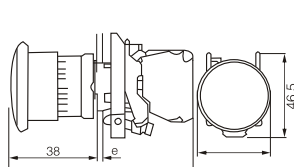
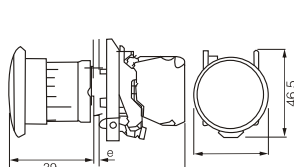
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GB2-EA42	瞬动型 Momentary	GB2-EA42 GB2-EA31 GB2-EA51 GB2-EA61 GB2-EA13 GB2-EA25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Premarked  GB2-EA3311	瞬动型 Momentary	GB2-EA3311 GB2-EA3361 GB2-EA3341 GB2-EA3351 GB2-EA3322	① 绿-G ② 绿-G ③ 白-W ④ 黑-K ⑤ 红-R	1NO 1NO 1NO 1NO 1NC	
Booted  GB2-EP42	瞬动型 Momentary	GB2-EP42 GB2-EP31 GB2-EP51 GB2-EP61 GB2-EP13 GB2-EP25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Extended  GB2-EL51	瞬动型 Momentary	GB2-EL42 GB2-EL31 GB2-EL51 GB2-EL61 GB2-EL13 GB2-EL25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Mushroom  GB2-EC31	蘑菇钮 Mushroom BC-Φ40 BR-Φ60	GB2-EC42 GB2-EC31 GB2-EC51 GB2-ER62 GB2-ER33 GB2-ER25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NC 2NO 1NO+1NC	
Emergency  GB2-ES542	急停钮 Push lock Turn reset 4-Φ30 5-Φ40 6-Φ60	GB2-ES442 GB2-ES542 GB2-ES642	● 红-R	1NC 1NC 1NC	
Push-pull  GB2-ET42	推拉钮 Push-pull T-Φ40 X-Φ60	GB2-ET42 GB2-EX45	● 红-R	1NC 1NO+1NC	

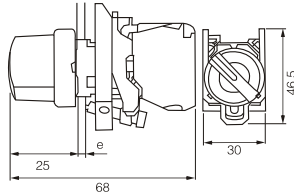
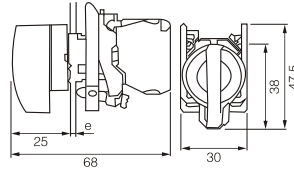
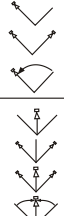
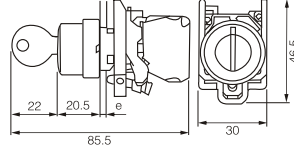
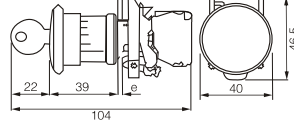
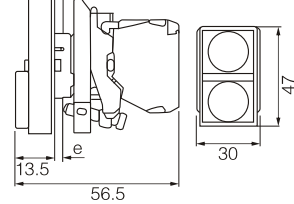
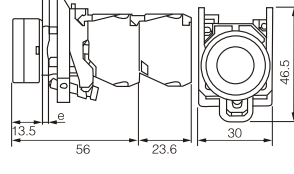
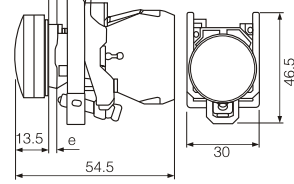


外形图 Version	功能 Function	型号 Model	触点 Contact	说明 Description	外形尺寸 Outer dimensions
Standard lever  GB2-ED21	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GB2-ED21 GB2-ED25 GB2-ED41 GB2-ED45 GB2-ED33 GB2-ED53	1NO 1NO+1NC 1NO 1NO+1NC 2NO 2NO	   	
Long Lever  GB2-EJ33	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GB2-EJ21 GB2-EJ25 GB2-EJ41 GB2-EJ45 GB2-EJ33 GB2-EJ53	1NO 1NO+1NC 1NO 1NO+1NC 2NO 2NO	   	
Key switch  GB2-EG21	二位 2-position 三位 3-position	GB2-EG21 GB2-EG41 GB2-EG61 GB2-EG33 GB2-EG53 GB2-EG03 GB2-EG73	1NO 1NO 1NO 2NO	 	
Key switch  GB2-ES142	蘑菇钥匙 key release	GB2-ES142 GB2-ES145	1NC 1NC+1NO		
Double Button  GB2-EL8425	83-Flush green Flush red 84-Flush green Extended red	GB2-EL8325 GB2-EL8425	1NO+1NC 1NO+1NC		
Illuminated Double Button  GB2-EW8465	With pilot light 1 flush green 2 pilot lamp with yellow lens 2 extended red	GB2-EW8325 GB2-EW8425	1NO+1NC 1NO+1NC		

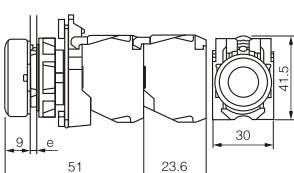
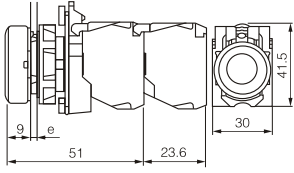
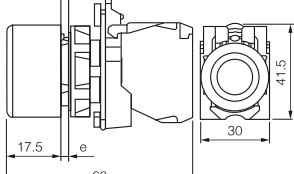
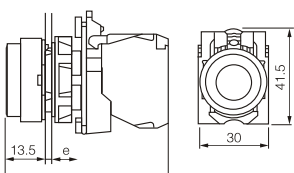
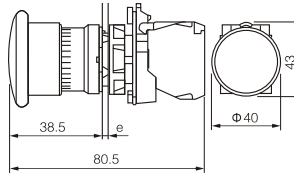
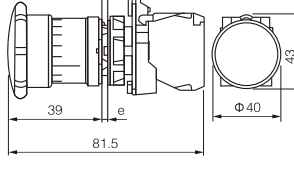
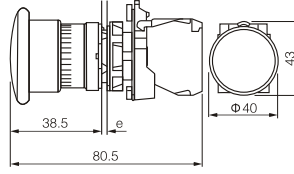
外形图 Version	说明 Description	型号 Model	颜色 Color	触点 Contact	外形尺寸 Outer dimensions
Illuminated  GB2-EW3462	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V M-LED lamp AC 220V X1—  —X2	GB2-EW3462 GB2-EW3361 GB2-EW35B1 GB2-EW36B1 GB2-EW31M5 GB2-EW33M5	红-R 绿-G 黄-Y 蓝-B 白-W 绿-G	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Illuminated  GB2-EW3571	Resistance 7-Neon lamp 6.3V~220V X1—  —	GB2-EW3472 GB2-EW3371 GB2-EW3571 GB2-EW3671 GB2-EW3175 GB2-EW3375	红-R 绿-G 黄-Y 蓝-B 白-W 绿-G	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Illuminated  GB2-EW3641	Transformer 4-Neon lamp 220V~240V/50Hz X1—  —X2	GB2-EW3442 GB2-EW3341 GB2-EW3541 GB2-EW3641 GB2-EW3145 GB2-EW3345	红-R 绿-G 黄-Y 蓝-B 白-W 绿-G	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Pilot Light  GB2-EV63	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V M-LED lamp AC 220V 7-Resistance With Neon lamp 4-Transformer With Neon lamp X1—  —X2	GB2-EV□4 GB2-EV□3 GB2-EV□5 GB2-EV□6 GB2-EV□1	红-R 绿-G 黄-Y 蓝-B 白-W	Directness X1—  —X2 7-Resistance X1—  —X2 4-Transformer X1—  —X2	
Pilot Light  GB2-EV164	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V M-LED lamp AC 220V 7-Resistance With Neon lamp X1—  —X2	GB2-EV1□4 GB2-EV1□3 GB2-EV1□5 GB2-EV1□6 GB2-EV1□1	红-R 绿-G 黄-Y 蓝-B 白-W	Directness X1—  —X2 7-Resistance X1—  —X2	
Flush  GB2-EA142	瞬动型 A-Momentary 自锁型 H-Maintained	GB2-EA121 GB2-EA142 GB2-EA135 GB2-EA151 GB2-EH165 GB2-EH115	黑-K 红-R 绿-G 黄-Y 蓝-B 白-W	1NO 1NC 1NO+1NC 1NO 1NO+1NC 1NO+1NC	

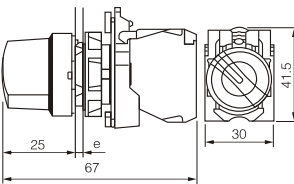
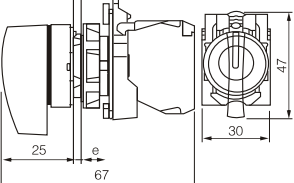
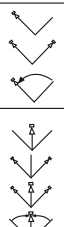
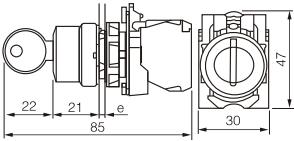
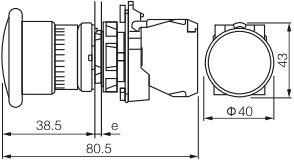
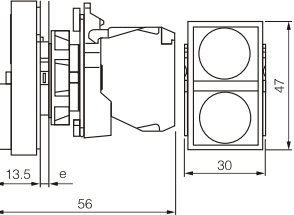
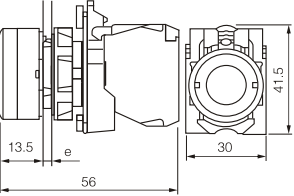
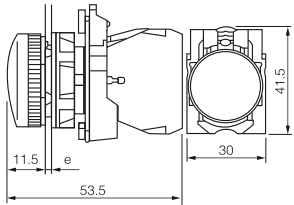


外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GB4-BA31	瞬动型 Momentary	GB4-BA42 GB4-BA31 GB4-BA51 GB4-BA61 GB4-BA13 GB4-BA25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Premarked  GB4-BA3341	瞬动型 Momentary	GB4-BA3311 GB4-BA3361 GB4-BA3341 GB4-BA3351 GB4-BA4322	① 绿-G ② 绿-G ③ 白-W ④ 黑-K ⑤ 红-R	1NO 1NO 1NO 1NO 1NC	
Booted  GB4-BP31	瞬动型 Momentary	GB4-BP42 GB4-BP31 GB4-BP51 GB4-BP61 GB4-BP13 GB4-BP25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Extended  GB4-BL42	瞬动型 Momentary	GB4-BL42 GB4-BL31 GB4-BL51 GB4-BL61 GB4-BL13 GB4-BL25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Mushroom  GB4-BC42	蘑菇钮 Mushroom Φ40	GB4-BC42 GB4-BC32 GB4-BC22	● 红-R ● 绿-G ● 黑-K	1NC 1NC 1NC	
Emergency  GB4-BS542	急停钮 Push lock Turn reset Φ40	GB4-BS542 GB4-BS545	● 红-R	1NC 1NO+1NC	
Push-pull  GB4-BT42	推拉钮 Push-pull Φ40	GB4-BT42 GB4-BT45	● 红-R	1NC 1NO+1NC	

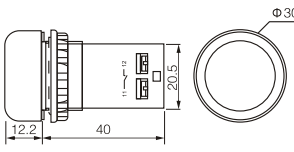
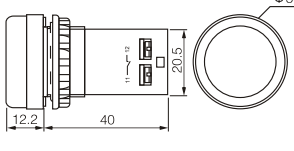
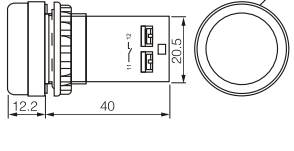
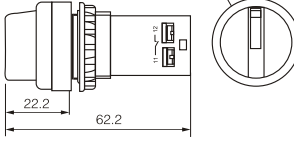
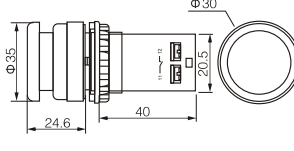
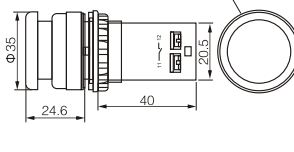
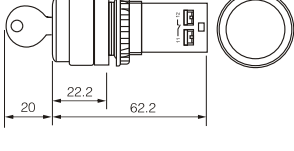
外形图 Version	功能 Function	型号 Model	触点 Contact	说明 Description	外形尺寸 Outer dimensions
Standard lever  GB4-BD21	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GB4-BD21 GB4-BD25 GB4-BD41 GB4-BD45 GB4-BD33 GB4-BD53	1NO 1NO+1NC 1NO 1NO+1NC 2NO 2NO		
Long Lever  GB4-BJ33	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GB4-BJ21 GB4-BJ25 GB4-BJ41 GB4-BJ45 GB4-BJ33 GB4-BJ53	1NO 1NO+1NC 1NO 1NO+1NC 2NO 2NO		
Key switch  GB4-BG25	二位 2-position 三位 3-position	GB4-BG21 GB4-BG41 GB4-BG61 GB4-BG33 GB4-BG53 GB4-BG03 GB4-BG73	1NO 1NO 1NO 2NO		
Key mushroom  GB4-BS142	蘑菇钥匙 Push lock Key release	GB4-BS142 GB4-BS145	1NC 1NO+1NC		
Double Button  GB4-BL8425	L-Without light W-With light 83-Flush green Flush red 84-Flush green Extended red	GB4-BL8325 GB4-BL8425 GB4-BW8365 GB4-BW8465	1NO+1NC		
Double Button  GB4-BW3365	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V G-LED lamp 110V M-LED lamp 220V 7-Neon lamp 6.3V~220V	GB4-BW3462 GB4-BW3361 GB4-BW35B1 GB4-BW36B1 GB4-BW31M5 GB4-BW33M5	 1NC 1NO 1NO 1NO 2NO 1NO+1NC	Directness X1 ⊗ X2 7-Resistance X1 ⊗ X2 4-Transformer X1 ⊗ X2	
Pilot Light  GB4-BV64	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V G-LED lamp 110V M-LED lamp 220V 4-Transformer With Neon lamp	GB4-BV□4 GB4-BV□3 GB4-BV□5 GB4-BV□6 GB4-BV□1	 红-R 绿-G 黄-Y 蓝-B 白-W	Directness X1 ⊗ X2 BA9S 4-Transformer X1 ⊗ X2	



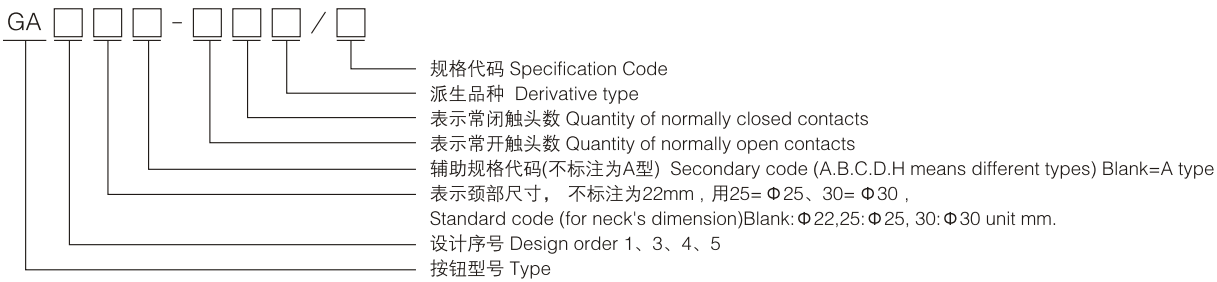
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GB5-AA51	瞬动型 Momentary	GB5-AA42 GB5-AA31 GB5-AA51 GB5-AA61 GB5-AA13 GB5-AA25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Premarked  GB5-AA4342	瞬动型 Momentary	GB5-AA3311 GB5-AA3361 GB5-AA3341 GB5-AA3351 GB5-AA4322 GB5-AA4342	● 绿-G ● 绿-G ○ 白-W ● 黑-K ● 红-R ● 红-R	1NO 1NO 1NO 1NO 1NC 1NC	
Booted  GB5-AP51	瞬动型 Momentary	GB5-AP42 GB5-AP31 GB5-AP51 GB5-AP61 GB5-AP13 GB5-AP25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Extended  GB5-AL31	瞬动型 Momentary	GB5-AL42 GB5-AL31 GB5-AL51 GB5-AL61 GB5-AL13 GB5-AL25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 2NO 1NO+1NC	
Mushroom  GB5-AC42	蘑菇钮 Mushroom Φ40	GB5-AC42 GB5-AC32 GB5-AC22	● 红-R ● 绿-G ● 黑-K	1NC 1NC 1NC	
Emergency  GB5-AS542	急停钮 Push lock Turn reset Φ40	GB5-AS542 GB5-AS545	● 红-R	1NC 1NO+1NC	
Push-pull  GB5-AT42	推拉钮 Push-pull Φ40	GB5-AT42 GB5-AT45	● 红-R	1NC 1NO+1NC	

外形图 Version	功能 Function	型号 Model	触点 Contact	说明 Description	外形尺寸 Outer dimensions
Standard lever  GB5-AD21	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GB5-AD21 GB5-AD25 GB5-AD41 GB5-AD45 GB5-AD33 GB5-AD53	1NO 1NO+1NC 1NO 1NO+1NC 2NO 2NO		
Long Lever  GB5-AJ33	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GB5-AJ21 GB5-AJ25 GB5-AJ41 GB5-AJ45 GB5-AJ33 GB5-AJ53	1NO 1NO+1NC 1NO 1NO+1NC 2NO 2NO		
Key switch  GB5-AG25	二位 2-position 三位 3-position	GB5-AG21 GB5-AG41 GB5-AG61 GB5-AG33 GB5-AG53 GB5-AG03 GB5-AG73	1NO 1NO 1NO 2NO		
Key mushroom  GB5-AS145	蘑菇钥匙 push lock key release	GB5-AS142 GB5-AS145	1NC 1NO+1NC	 红-R	
Double Button  GB5-AW8465	L-Without light W-With light 83-Flush green Flush red 84-Flush green Extended red	GB5-AW8325 GB5-AW8425 GB5-AW8365 GB5-AW8465	1NO+1NC		
Illuminated  GB5-AW3465	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V G-LED lamp 110V M-LED lamp 220V 7-Neon lamp 6.3V~220V	GB5-AW3462 GB5-AW3361 GB5-AW35B1 GB5-AW36B1 GB5-AW31M3 GB5-AW33M5	1NC 1NO 1NO 1NO 2NO 1NO+1NC	Directness X1 ⊗ X2 7-Resistance X1 ⊗ X2 4-Transformer X1 ⊗ X2	
Pilot Light  GB5-AV66	Directness 6-Neon lamp 6.3V~220V B-LED lamp AC/DC24V G-LED lamp 110V M-LED lamp 220V 4-Transformer With Neon lamp	GB5-AV□4 GB5-AV□3 GB5-AV□5 GB5-AV□6 GB5-AV□1		Directness X1 ⊗ X2 BA9S 4-Transformer X1 ⊗ X2	



外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
 GB7-BV63	指示灯 Indicator lamp	GB7-BV64 GB7-BV63 GB7-BV65 GB7-BV66 GB7-BV61	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	 LED lamp 6.3V~220V	 Φ30 12.2 40 20.5
 GB7-BA35	瞬动型 Momentary	GB7-BA42 GB7-BA31 GB7-BA51 GB7-BA61 GB7-BA15 GB7-BA25	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NC 1NO 1NO 1NO 1NO+1NC 1NO+1NC	 Φ30 12.2 40 20.5
 GB7-BW42	带灯按钮 Push with light  LED lamp 6.3V~220V	GB7-BW42 GB7-BW31 GB7-BW51 GB7-BW61 GB7-BW11	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	1NC 1NO 1NO 1NO 1NO	 Φ30 12.2 40 20.5
 GB7-BD25	二位锁定 2-position 三位锁定 3-position	GB7-BD21 GB7-BD35 GB7-BK242 GB7-BK235 GB7-BK355	● 黑-K ● 黑-K ● 红-R ● 绿-G ● 黄-Y	1NO 1NO+1NC 1NC 1NO+1NC 1NO+1NC	 Φ30 22.2 62.2
 GB7-BC42	蘑菇钮 Mushroom	GB7-BC21 GB7-BCW42 GB7-BCW31	● 黑-K ● 红-R ● 绿-G	1NC 1NC 1NC	 Φ30 Φ35 24.6 40 20.5
 GB7-BS542	蘑菇钮 Mushroom	GB7-BS542	● 红-R	1NC	 Φ30 Φ35 24.6 40 20.5
 GB7-BG21	二位钥匙 2-position 三位钥匙 3-position	GB7-BG21 GB7-BG33		1NO 2NO	 Φ30 20 22.2 62.2

型号及含义 Model and implication



派生品种 Derivative type	规格代码 Specification Code		
BN:平钮 Flush Momentary pushbutton GN:高钮 Extended Momentary pushbutton T:平钮自锁 Flush Maintained pushbutton GT:高钮自锁 Extended Maintained pushbutton	●红-R ●绿-G ●黄-Y ●蓝-B ○白-W ●黑-K	---	---
D:带灯 Illuminated momentary pushbutton TD:带灯自锁 Illuminated maintained pushbutton P:信号灯 Pilot light	●红-R ●绿-G ●黄-Y ●蓝-B ○白-W	DC 6V~220V AC 220V~ 380V	
M:蘑菇钮 Momentary mushroom MT:蘑菇自锁 Maintained mushroom ZS:蘑菇急停 Emergency	3: Φ30 Blank : Φ40	●红-R ●绿-G ●黄-Y ●黑-K	---
MD:蘑菇带灯 Momentary mushroom with light MTD:蘑菇自锁带灯 Maintained mushroom with light MSD:蘑菇急停带灯 Emergency with light		●红-R ●绿-G ●黄-Y	DC 6V~220V AC 220V~ 380V
X:短柄旋钮 Standard lever selector XB:长柄旋钮 Long lever selector	2: 2position lock up 22: 2position spring return 3: 3position lock up 33:3position spring return	●黑-K ●红-R ●绿-G	---
Y:钥匙开关 Key switch		---	
MY:蘑菇钥匙 Mushroom Key		●红-R	
XD:旋钮带灯 Selector with light		●红-R ●绿-G ●黄-Y	DC 6V~220V AC 220V~ 380V

使用环境 Working Conditions

- | | |
|--------------------|-----------------------------------|
| 1. 环境温度: -25℃~+50℃ | 1. Ambient temperature: -25℃~+50℃ |
| 2. 相对湿度: ≤85% | 2. Relative humidity: ≤85% |
| 3. 海拔: ≤2000m | 3. Altitude: ≤2000m |
| 4. 污染等级: 3 | 4. Pollution degree: 3 |

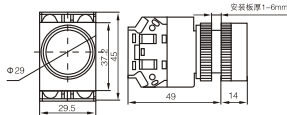
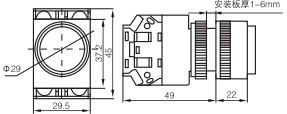
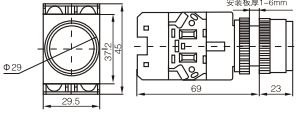
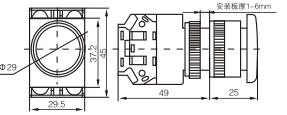
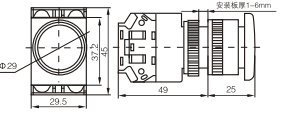
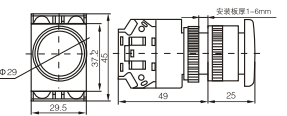
技术指标 Technical Data

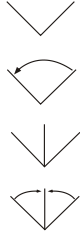
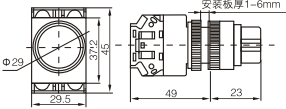
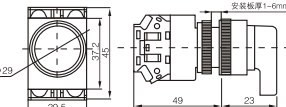
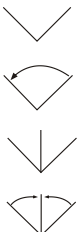
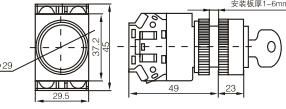
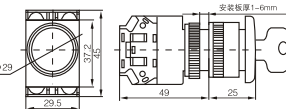
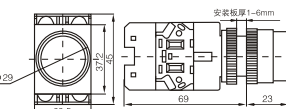
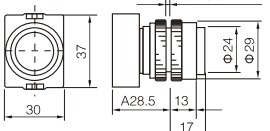
- | | |
|--|--|
| 1. 耐压: 2.5KV AC 1 分钟 | 1. Industrial frequency voltage withstands: 2.0KV AC per minute. |
| 2. 接触电阻: ≤50mΩ | 2. Contact resistance: ≤50mΩ |
| 3. 机械寿命: 瞬动 5×10^6 其它 5×10^5 | 3. Mechanical life: Momentary: 5×10^6 Others: 5×10^5 |
| 4. 电寿命: 瞬动 1×10^5 其它 5×10^4 | 4. Electric life: Momentary: 1×10^5 Others: 5×10^4 |
| 5. 防护等级: IP65 | 5. Protection grade: IP65 |

其他参数 Rated Values

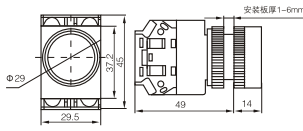
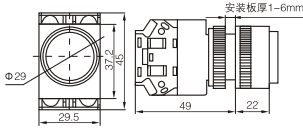
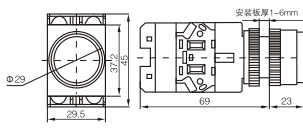
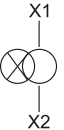
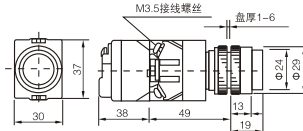
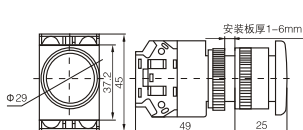
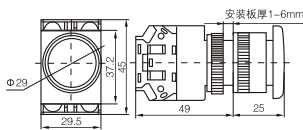
最高电压 Rated insulated voltage Ui		600V				
发热电流 Conventional heating current Ith		10A				
工作电压 Rated operational voltage Ue (V)		380	220	110	48	24
工作电流 Rated operational current (A)	AC-15	2.5	4	6	8	-
	DC-13	-	0.3	0.6	1.3	2.5

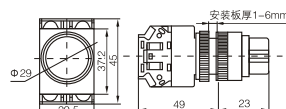
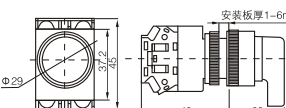
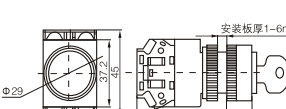
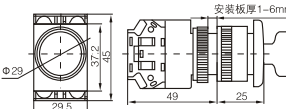
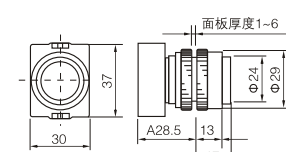
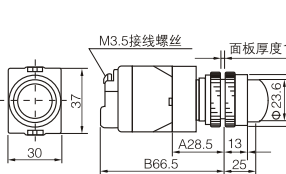


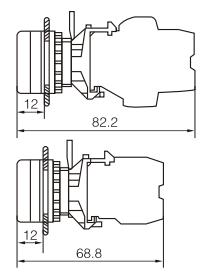
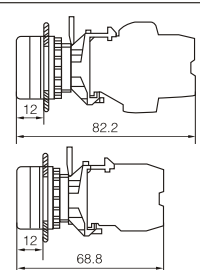
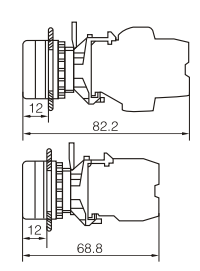
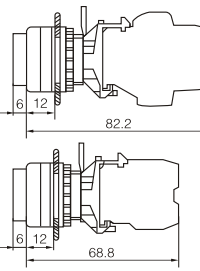
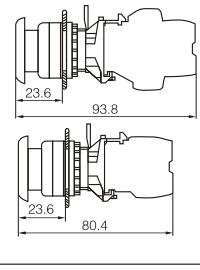
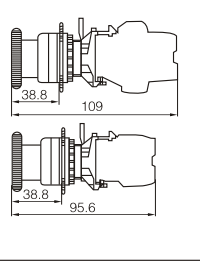
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GA1-11BN	瞬动型 Momentary 自锁型 Maintained	GA1-□BN/■ GA1-□T/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		 安装板厚1-6mm
Extended  GA1-11GN	瞬动型 Momentary 自锁型 Maintained	GA1-□GN/■ GA1-□GT/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		 安装板厚1-6mm
Illuminated  GA1-11D	瞬动型 Momentary 自锁型 Maintained	GA1-□D/■ GA1-□TD/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	 安装板厚1-6mm
Mushroom  GA1-11M	瞬动型 Momentary 自锁型 Maintained	GA1-□M/■ GA1-□MT/■	● 红-R ● 绿-G ● 黄-Y	3-Φ30 4-Φ40 6-Φ60	 安装板厚1-6mm
Emergency  GA1-11ZS	急停按钮 Push locking Turn reset	GA1-□ZS/■	● 红-R ● 绿-G	3-Φ30 4-Φ40 6-Φ60	 安装板厚1-6mm
Mushroom  GA1-11MD	瞬动型 Momentary 自锁型 Maintained	GA1-□MD/■ GA1-□MTD/■	● 红-R ● 绿-G	3-Φ30 4-Φ40 6-Φ60	 安装板厚1-6mm

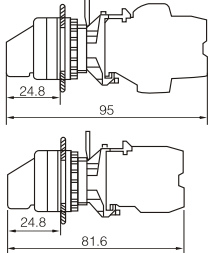
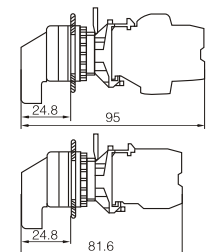
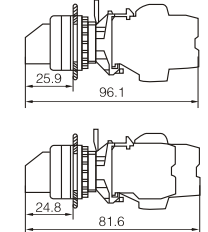
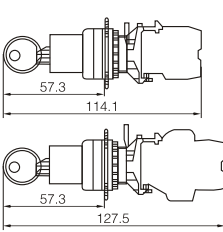
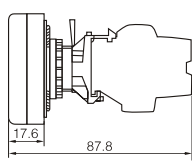
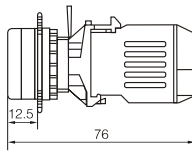
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Standard lever  GA1-11X	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA1-□X/2■ GA1-□X/22■ GA1-□X/3■ GA1-□X/33■	红-R 绿-G 黑-K		
Long Lever  GA1-11XB	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA1-□XB/2■ GA1-□XB/22■ GA1-□XB/3■ GA1-□XB/33■	红-R 绿-G 黑-K		
Key switch  GA1-11Y	二位钥匙锁定 2-position locked 二位钥匙复位 2-position return 三位钥匙锁定 3-position locked 三位钥匙复位 3-position return	GA1-□Y/2■ GA1-□Y/22■ GA1-□Y/3■ GA1-□Y/33■			
Key mushroom  GA1-11MY	二位钥匙锁定 2-position locked 二位钥匙复位 2-position return 三位钥匙锁定 3-position locked 三位钥匙复位 3-position return	GA1-□MY/2■ GA1-□MY/22■ GA1-□MY/3■ GA1-□MY/33■	红-R	4-Φ40	
Illuminated Selector  GA1-11XD	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA1-□XD/2■ GA1-□XD/22■ GA1-□XD/3■ GA1-□XD/33■	红-R 绿-G 黄-Y 蓝-B 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	
Pilot Light  GA1-P	信号灯 Pilot Light	GA1-P/■	红-R 绿-G 黄-Y 蓝-B 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	



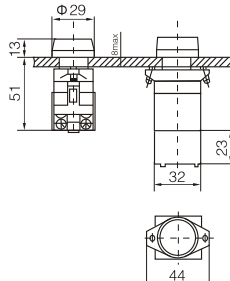
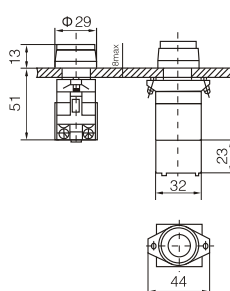
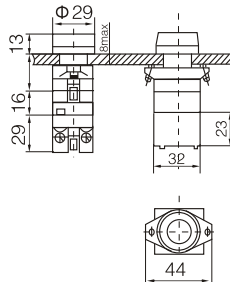
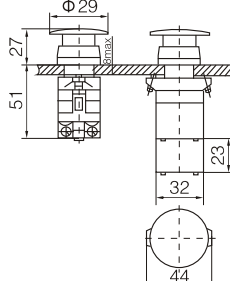
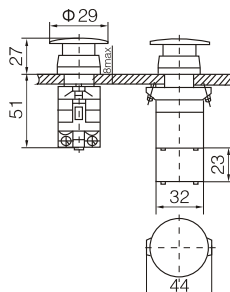
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GA1H-11BN	瞬动型 Momentary 自锁型 Maintained	GA1H-□BN/■ GA1H-□T/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
Extended  GA1H-11GN	瞬动型 Momentary 自锁型 Maintained	GA1H-□GN/■ GA1H-□GT/■			
Illuminated  GA1H-11D	瞬动型 Momentary 自锁型 Maintained	GA1H-□D/■ GA1H-□TD/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	
Illuminated  GA1H-11DV	瞬动型 Momentary 自锁型 Maintained	GA1H-□DV/■ GA1H-□TDV/■		Transformer Neon lamp 220V~240V/50Hz 	
Mushroom  GA1H-11M	瞬动型 Momentary 自锁型 Maintained	GA1H-□M/■ GA1H-□MT/■	● 红-R ● 绿-G ● 黄-Y	Φ30 Φ40	
Emergency  GA1H-11ZS	急停按钮 Push lock Turn reset	GA1H-□ZS/■	● 红-R ● 绿-G	Φ30 Φ40	

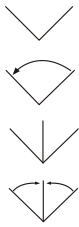
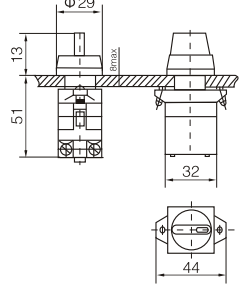
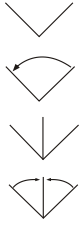
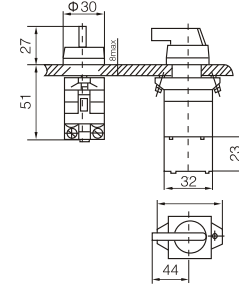
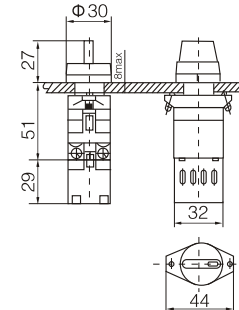
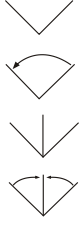
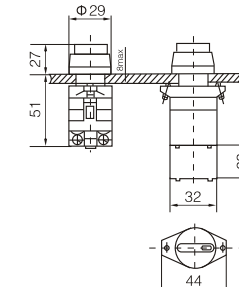
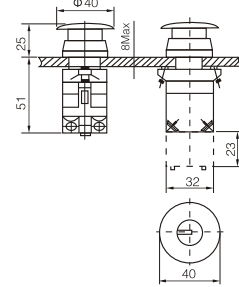
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Selector Switches  GA1H-11X	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA1H-□X/2■ GA1H-□X/22■ GA1H-□X/3■ GA1H-□X/33■	红-R 绿-G 黑-K		 安装板厚1-6mm
Selector Switches  GA1H-11XB	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA1H-□XB/2■ GA1H-□XB/22■ GA1H-□XB/3■ GA1H-□XB/33■	红-R 绿-G 黑-K		 安装板厚1-6mm
Key Switches  GA1H-11Y	二位钥匙锁定 2-position locked 二位钥匙复位 2-position return 三位钥匙锁定 3-position locked 三位钥匙复位 3-position return	GA1H-□Y/2■ GA1H-□Y/22■ GA1H-□Y/3■ GA1H-□Y/33■			 安装板厚1-6mm
Key Mushroom  GA1H-11MY	二位钥匙锁定 2-position locked 三位钥匙锁定 3-position locked	GA1H-□MY/2■ GA1H-□MY/3■	红-R	4-Φ40	 安装板厚1-6mm
Indicator  GA1H-P	信号灯 Pilot Light	GA1H-P/■	红-R 绿-G 黄-Y 蓝-B 白-W	Directness Neon lamp 6.3V~220V LED lamp AC/DC24V AC 220V X1—⊗—X2	 面板厚度1-6
Indicator  GA1H-PV	信号灯 Pilot Light	GA1H-PV/■	红-R 绿-G 黄-Y 蓝-B 白-W	Transformer Neon lamp 220V~240V/50Hz X1—⊗—X2	 M3.5接线螺丝 面板厚度1-6

外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GA3-11BN	瞬动型 Momentary 自锁型 Maintained	GA3-□BN/■ GA3-□T/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		 12 82.2 12 68.8
Premarked  GA3-11BB	瞬动型 Momentary	GA3-□BB/■	① 绿-G ① 白-W ① 黑-K ① 红-R		 12 82.2 12 68.8
Extended  GA3-11GN	瞬动型 Momentary 自锁型 Maintained	GA3-□GN/■ GA3-□GT/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		 12 82.2 12 68.8
Illuminated  GA3-11D	瞬动型 Momentary 自锁型 Maintained	GA3-□D/■ GA3-□TD/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	 6 12 82.2 6 12 68.8
Mushroom  GA3-11M	瞬动型 Momentary 自锁型 Maintained	GA3-□M/■ GA3-□MT/■	● 红-R ● 绿-G ● 黄-Y	Φ 40	 23.6 93.8 23.6 80.4
Emergency  GA3-11ZS	急停按钮 Push lock Turn to reset	GA3-□ZS/■	● 红-R ● 绿-G	Φ 40	 38.8 109 38.8 95.6

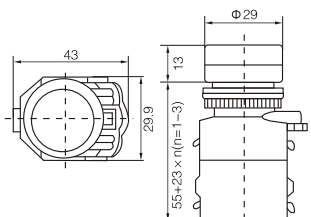
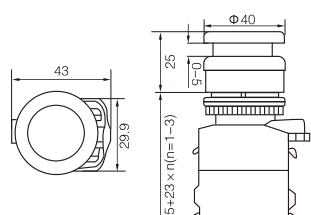
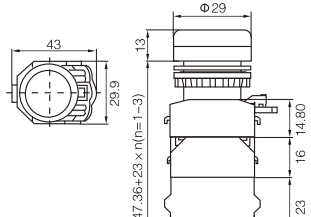
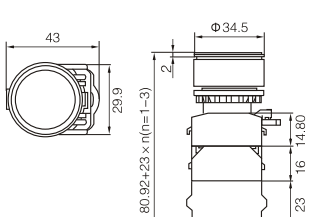
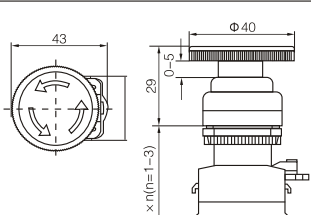
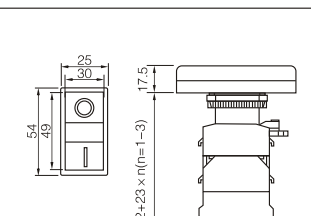
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
 GA3-11X	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA3-□X/2■ GA3-□X/22■ GA3-□X/3■ GA3-□X/33■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
 GA3-11XB	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA3-□XB/2■ GA3-□XB/22■ GA3-□XB/3■ GA3-□XB/33■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
 GA3-11XD	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA3-□XD/2■ GA3-□XD/22■ GA3-□XD/3■ GA3-□XD/33■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	
 GA3-11Y	二位钥匙锁定 2-position locked 二位钥匙复位 2-position return 三位钥匙锁定 3-position locked 三位钥匙复位 3-position return	GA3-□Y/2■ GA3-□Y/22■ GA3-□Y/3■ GA3-□Y/33■	● 黑-K		
 GA3-11SD	双键带灯 Double button with light	GA3-11SD		21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	
 GA3-P	信号灯 Pilot Light	GA3-P	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	

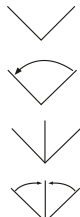
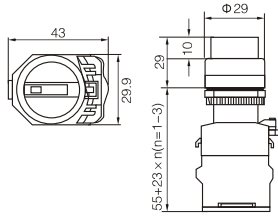
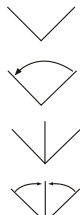
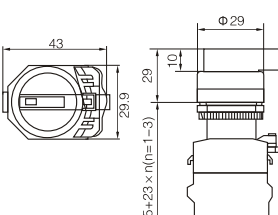
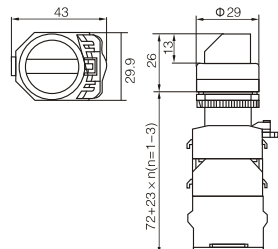
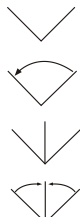
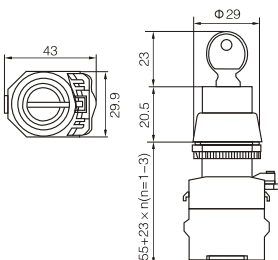
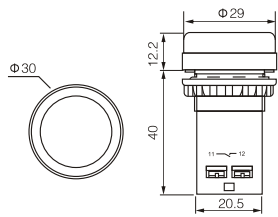
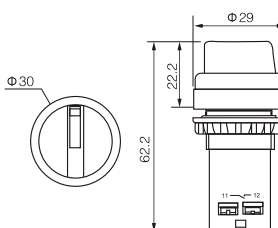


外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GA4-11BN	瞬动型 Momentary 自锁型 Maintained	GA4-□BN/■ GA4-□T/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
Extended  GA4-11GN	瞬动型 Momentary 自锁型 Maintained	GA4-□GN/■ GA4-□GT/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
Illuminated  GA4-11D	瞬动型 Momentary 自锁型 Maintained	GA4-□D/■ GA4-□TD/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	
Mushroom  GA4-11M	瞬动型 Momentary 自锁型 Maintained	GA4-□M/■ GA4-□MT/■	● 红-R ● 绿-G ● 黄-Y	4-Φ40	
Emergency  GA4-11ZS	急停钮 Push lock Turn reset	GA4-□ZS/■	● 红-R ● 绿-G	4-Φ40	

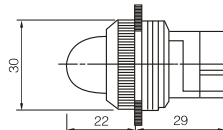
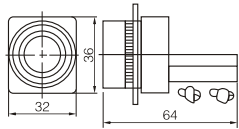
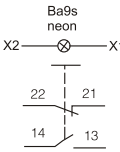
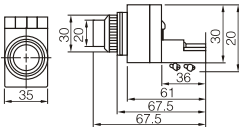
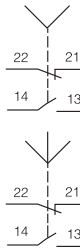
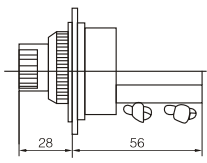
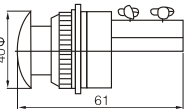
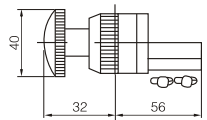
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Standard lever  GA4-11X	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA4-□X/2■ GA4-□X/22■ GA4-□X/3■ GA4-□X/33■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
Long Lever  GA4-11XB	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA4-□XB/2■ GA4-□XB/22■ GA4-□XB/3■ GA4-□XB/33■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
Illuminated Selector  GA4-11XD	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA4-□XD/2■ GA4-□XD/22■ GA4-□XD/3■ GA4-□XD/33■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	
Key switch  GA4-11Y	二位钥匙锁定 2-position locked 二位钥匙复位 2-position return 三位钥匙锁定 3-position locked 三位钥匙复位 3-position return	GA4-□Y/2■ GA4-□Y/22■ GA4-□Y/3■ GA4-□Y/33■	● 黑-K		
Key mushroom  GA4-11MY	二位钥匙复位 2-position return Φ 40	GA4-□MY■	● 红-R		

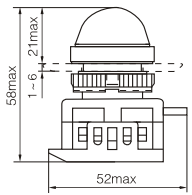
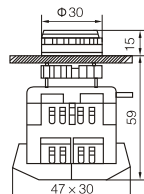
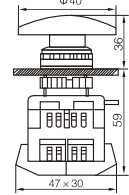
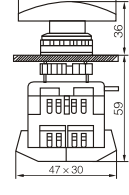
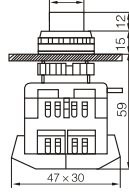
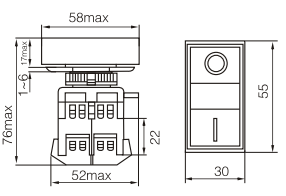
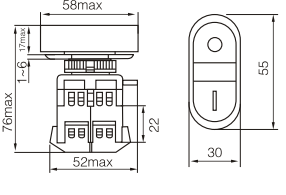


外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
Flush  GA4D-11BN	瞬动型 Momentary 自锁型 Maintained	GA4D-□BN/■ GA4D-□T/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
Mushroom  GA4D-11M	瞬动型 Momentary 自锁型 Maintained	GA4D-□M/■ GA4D-□MT/■	● 红-R ● 绿-G		
Illuminated  GA4D-11D	瞬动型 Momentary 自锁型 Maintained	GA4D-□D/■ GA4D-□TD/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	
Illuminated  GA4-30D-11BN	瞬动型 Momentary 自锁型 Maintained	GA4-30D-□BN/■ GA4-30D-□T/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	
Emergency  GA4D-11ZS	急停按钮 Push lock Turn reset	GA4D-□ZS/■	● 红-R ● 绿-G	3-Φ30 4-Φ40 6-Φ60	
Double Button  GA4D-11SD	双键带灯 Double button with light	GA4D-11SD		21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V	

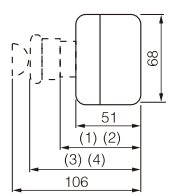
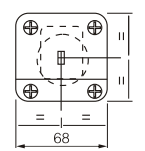
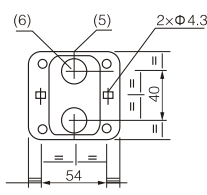
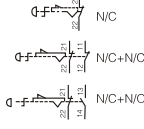
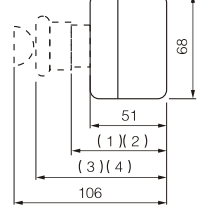
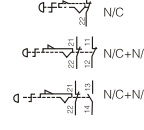
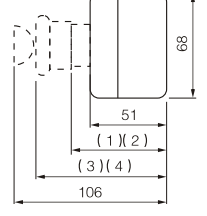
外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
 GA4D-11X	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA4D-□X/2■ GA4D-□X/22■ GA4D-□X/3■ GA4D-□X/33■	● 黑-K		
 GA4D-11XB	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA4D-□XB/2■ GA4D-□XB/22■ GA4D-□XB/3■ GA4D-□XB/33■			
 GA4D-11XD	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA4D-□XD/2■ GA4D-□XD/22■ GA4D-□XD/3■ GA4D-□XD/33■		21-DC.AC 6V 22-DC.AC 12V 23-DC.AC 24V 24-DC.AC 36V 25-DC.AC 48V 26-DC.AC 110V 27-DC.AC 127V 28-DC.AC 220V 31-AC 220V 32-AC 380V ● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W	
 GA4D-11Y	二位钥匙锁定 2-position locked 二位钥匙复位 2-position return 三位钥匙锁定 3-position locked 三位钥匙复位 3-position return	GA4D-□Y/2■ GA4D-□Y/22■ GA4D-□Y/3■ GA4D-□Y/33■			
 GA4D-11BJ	瞬动型 Momentary 自锁型 Maintained	GA4D-□BJ/■ GA4D-□TJ/■	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
 GA4D-11XJ	二位锁定 2-position locked 二位复位 2-position return 三位锁定 3-position locked 三位复位 3-position return	GA4D-□XJ/2■ GA4D-□XJ/22■ GA4D-□XJ/3■ GA4D-□XJ/33■	● 黑-K		

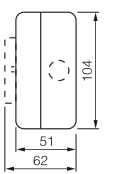
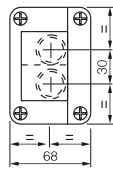
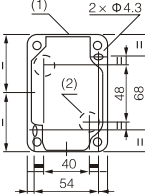
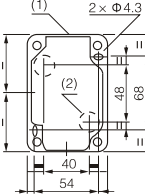
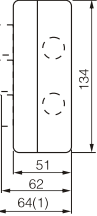
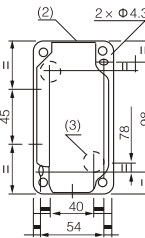


外形图 Version	说明 Description	型号 Model	颜色 Color	触点 Contact	外形尺寸 Outer dimensions
指示灯 Pilot Lamp  GA3-PL	$\Phi 25\text{mm}$ $\Phi 30\text{mm}$	GA5-P L25 GA5-PL30	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
平钮 Flush  GA3-PB30-11	$\Phi 25\text{mm}$ $\Phi 30\text{mm}$	GA5-PB25-11 GA5-PB30-11	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
带灯钮 Illuminated  GA3-NB25-11	$\Phi 25\text{mm}$ $\Phi 30\text{mm}$	GA5-NB25-11 GA5-NB30-11	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K		
旋钮 Selector  GA3-SS25-11	$\Phi 25\text{mm}$ $\Phi 30\text{mm}$	GA5-SS25-11/2 GA5-SS25-11/3 GA5-SS30-11/2 GA5-SS30-11/3	● 黑-K		
蘑菇钮 Mushroom  GA3-MB25-11	$\Phi 25\text{mm}$ $\Phi 30\text{mm}$	GA5-MB25-11 GA5-MB30-11	● 红-R		
急停钮 Emergency  GA3-RE25-11	$\Phi 25\text{mm}$ $\Phi 30\text{mm}$	GA5-RE25-11 GA5-RE30-11	● 红-R		

外形图 Version	功能 Function	型号 Model	颜色 Color	触点 Contact	外形尺寸 Outer dimensions
 GA5-MK-AL	指示灯 Pilot Lamp	GA5-MK-AL	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NO+1NC	 58max 1-6 21max 52max
 GA5-MK-ABF	平钮 Flush	GA5-MK-ABF GA5-MK-ABFL	● 红-R ● 绿-G ● 黄-Y ● 蓝-B ○ 白-W ● 黑-K	1NO+1NC	 Φ30 15 59 47 x 30
 GA5-MK-AEA	蘑菇钮 Mushroom	GA5-MK-AEA GA5-MK-AEAL	● 红-R	1NO+1NC	 Φ40 36 59 47 x 30
 GA5-MK-AE	急停钮 Emergency	GA5-MK-AE GA5-MK-AEL	● 红-R	1NO+1NC	 Φ40 36 59 47 x 30
 GA5-MK-AC	旋钮 Selector	GA5-MK-AC GA5-MK-ACL	● 红-R ● 绿-G ● 黑-K	1NO+1NC	 30 15 12 59 47 x 30
 GA5-MK-APBB	双键 Double pushbutton	GA5-MK-APBB		1NO+1NC	 58max 76max 1-6 13max 52max 22 55 30
 GA5-MK-AS	双键 Double pushbutton	GA5-MK-AS		1NO+1NC	 58max 76max 1-6 13max 52max 22 55 30



外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
 GB2-B103	绿色平头按钮 弹簧返回 1 green flush 红色平头按钮 弹簧返回 1 red flush	GB2-B101 GB2-B102 GB2-B103 GB2-B101H29 GB2-B114 GB2-B112 GB2-B111H29		N/O E 13 14 N/C E 21 22	
 GB2-B134H29	1选择开关 2位置锁定式 标准手柄 1 selector switch 2-position stay put standard black handle	GB2-B132H29 GB2-B134H29		N/O F 13 14	
 GB2-B144H29	1选择开关 钥匙操作 (钥匙复位 n° 445) 2位置锁定式 从左弹回 1 selector switch key operated 2-position stay put key withdraw from left position	GB2-B142H29 GB2-B144H29		N/O F 13 14 N/C G 13 14	
 GB2-J174	1红色蘑菇头按钮 Φ40mm锁定式转动 释放装置 1 red mushroom head pushbutton Φ40mm latching turn to release	GB2-J174 GB2-J174H29			
 GB2-J184	1红色蘑菇头按钮 Φ40mm锁定式钥匙 复位 (Ronis钥匙 n°445) 1 red mushroom head pushbutton Φ40mm latching key release	GB2-J184 GB2-J188H29			

外形图 Version	功能 Function	型号 Model	颜色 Color	说明 Description	外形尺寸 Outer dimensions
 GB2-B213	2弹簧返回按钮 1绿色平头 1红色平头 2 spring return push button 1 flush green 1 flush red	GB2-B211 GB2-B213 GB2-B244	  	N/O + N/C	  
 GB2-B222	2弹簧返回按钮 1白色平头(白箭头) 1黑色平头(黑箭头) 2 spring return pushbuttons 1 flush green 1 flush red	GB2-B222 GB2-B223	 	N/C + N/O	
 GB2-B363	1红色指示灯 供电 ≤ 130V★ 不包括灯泡 1 red pilot light direct supplied ≤ 130V★ Bulb not supplied+ 2 spring return pushbuttons 1 flush green 1 flush red	GB2-B361H29 GB2-B363 GB2-B369	  	N/O + N/C	
 GB2-B339	3弹簧返回按钮 1绿色平头按钮 1红色平关 1绿色平关 3 spring return pushbuttons 2 flush green 1 flush red	GB2-B311 GB2-B339 GB2-B321	  	N/O + N/C + N/O	
 GB2-B334	3弹簧返回按钮 1白色平头(黑箭头) 1红色平关 1黑色平关(白箭头) 3 spring return pushbuttons 1 flush white 1 flush red 1 flush black	GB2-B324 GB2-B334	 	N/O + N/C + N/O	



TPB-2A



TPB-2B



TPB-3A



TPB-3B



TBSP-315



TBSP-330



PB-2



PB-3



BS211B



BS216B



BS230B



LAK-10



KH-701



KH-703



KH-201



KH-305



TBSY-215



BS-315



KA0-5M



KA0-5B



BOX-E



BOX-F



BOX-G



BOX-H



GB2-J01



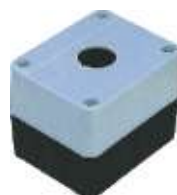
GB2-B01



GB2-B02



GB2-B03



BX22-1W



BX22-2Y



BX22-3W



BX22-4Y



BX22-5Y



BX22-6Y



BX22-7W



BX22-8W



COB-61



COB-62



COB-63



COB-64



COB-61A



COB-62A



COB-63A



COB-64A



COBP-61A



COBP-63A



COBP-64A



COBP-65A

 KH-5022TL GA1K-P	 KH-2022 GA1K-10BN	 KH-3022/2 GA1K-10XB	 KH-2022EB GA1K-01M
 KH-2022ER GA1K-01ZS	 KH-5122TL GA1K-11D	 KH-3082 GA1-30K-11BN	 KH-309 GA1-25K-11XB
 1010 GA1-25W-10BN	 1020 GA1-25W-10X/2	 1050 GA1-25W-10ZS	 1080 GA1-25W-11D
 APB22-10/C GA1-AP-11BN	 APB25-10/C GA1-25AP-11BN	 APB30-10/C GA1-30AP-11BN	 ASS30-10/C GA1-30AP-11X
 APB22-10/C GA1-25AP-11M	 APB25-10/C GA1-25AP-11ZS	 APB30-10/C GA1-30AP-11D	 GA1F-11BN
 GA1F-11X	 GA1F-11D	 GA1F-11ZS	 GA1F-11Y



GA1Y-11BN



GA1Y-11GN



GA1Y-11X



GA1Y-11M



GA1T-11BN



GA1T-11X



GA1T-11M



GA1T-11ZS



GA7-11BN



GA7-11X



GA7-11M



GA7B-11BN



GA7B-11X



GA7B-11M



GA7B-11ZS



GA7B-11SD



GB2-FA42



GB2-FW3361



GB2-FD25



GB2-FK2462



GB2-FCW35



GB2-FSW442



GB2-FG25



GB2-FW8365



LW28-10A



LW28-20A



LW28-20A-Y



LW28-25A



LW28-32A



LW28-63A



LW28-125A



LW28-160A



LW28GS-20A



LW28GS-25A



LW28GS-32A



LW28GS-63A



LA239E-11



LA239E-11



LW28S-20A



LW28S-20A-K



G16A-20A-1



G16B-20A-2



G16B-20V-3



G16B-20A-3



G25-20-F



G25-20-4



G25-20-6



G25-20-P



E9-20A



E9-25A



E9-32A



E9-75A



D11-25A



D11-63A



D11-32A



D11-100A



D11-20/3



D11-63A/3



D11-40



D11-63



LW47A-4



LW47A-3



LW47B-3



LW6D-20A/3



LW15-10



LW15B-10



LW15-16



LW6D-20A/2



Hz12-16



Hz12-25



Hz12-40



Hz12-40/15

				
Φ8 NXD-215	Φ10 NXD-211	Φ12 NXD-212	Φ16 NXD-213	Φ16 NXD-210
				
Φ16 NXD-217B	Φ12 NXD-215A	Φ10 NXD-216	Φ10 NXD-217	Φ16 NXD-215B
				
Φ10 XD10-1A	Φ10 XD10-4B	NAL-L	Φ10 XD10-2C	XDN1-B
				
Φ10 XD10-3B	Φ8 XD8-1C	Φ10 XD10-4C	Φ10 XD10-6	Φ10 XD10-4C
				
XD7-2	XD7-3	XD7-1	XD10-3	XD10-3
				
XD10-2	XD10-5	Φ10 PL-102	Φ10 PL-106	XD10-1

				
XD10-4	PL-112	Φ10 NHC	Φ10 XDN1	Φ10 XDN1-2
				
Φ10 XDN1-3	Φ810 XDN1-4	Φ10 XD10-2	Φ10 NXDN1-7	XD10-6
				
XD10-3C	XD10-7	XD10-1CA	XD10-2	PL-C
				
Φ10 NDX-11C	XD15-4C	XD15-5C	XD15-2C	XD15-3C
				
ML1-11A	ML1-12A	ML1-16A	MDX-11C	MDX-8C
				
MDX-14C	XD15-1	XD10-2A	XD10-1A	XD10-3A



				
G-1	G-2	G-3	G-4	G-5
				
G-6	G-7	G-8	G-9	G-10
				
G-11	G-12	G-13	Φ40 G-14/4 Φ60 G-14/6	G-15
				
G-16	G-17	G-18	G-19	G-20
				
G-21	GA1F-C11	GA4A-C11	GB2-BE101	GB4-BE101
				
GA1H-C11	GA1F-C11	GA4A-C11	GB2-BE101	GB4-BE101



小圆形081 WARNING LIGHT



小圆形082 WARNING LIGHT



小圆形083 WARNING LIGHT



小圆形084 WARNING LIGHT



外八角101 WARNING LIGHT



内八角形102 WARNING LIGHT



小直线形103 WARNING LIGHT



圆形104 WARNING LIGHT



小弹头形105 WARNING LIGHT



弹头形122 WARNING LIGHT



直线形121 WARNING LIGHT



流线形201 WARNING LIGHT



流线形（声光一体化）201J WARNING LIGHT



大直线形161 WARNING LIGHT



大圆形181 WARNING LIGHT



多层式灯 LED SIGNAL TOWER



多层式灯 SIGNAL TOWER



多层式灯 SIGNAL TOWER



上海金泉电器有限公司
温州迦得科技电气有限公司

地址: 浙江省乐清市柳市镇团结东路56号
电话: 0577-62777145 62787145
传真: 0577-62771098 27871286
E-mail: sales@cngad.com
<http://www.cngad.com>

Wenzhou GAD Technological Electricity Co., Ltd.
Address: 46 Xingxiang Road, Liushi Town,
Yueqing City, Zhejiang China
Tel: 0086-577-62777145
Fax: 0086-577-62771098
E-mail: meg@cngad.com
MSN: megcngad@hotmail.com
Skype: megcngad
<http://www.cngad.com>