

series toggle switch
LT 系列 钮子开关



LT



Features 特点

- * 寿命高，可靠性好
- * 规格齐全可供选择
- * 广泛应用于电子设备，仪器仪表，自动化机器等领域
- * 已通过CE,CCC认证
- * Long life, high reliability
- * Full range with different contact forms are available
- * Widely applied in electrical equipment, Instrument and meter, automation machine
- * CE,CCC approvals

Characteristics 产品特性

Rating 额定值	15A 250VAC/20A 125VAC	
Initial contact resistance 初始接触电阻	25mΩ max. 25mΩ 最大	
Initial insulation resistance 初始绝缘电阻	100MΩ min (at 500VDC) 100MΩ以上 (在500VDC)	
Dielectric strength 电介强度	Between non-consecutive terminals 在非连接端子间	1,000 Vrms , for 1 min 1,000 Vrms , 持续1分钟
	Between non-current carrying metal parts and each terminal 无负载金属零件与接线端子间	2,000 Vrms, 50/60Hz, 1 min 2,000 Vrms, 50/60Hz , 1 分钟
	Between ground and each terminal 接线端子与接地之间	2,000 Vrms, 50/60Hz, 1 min 2,000 Vrms, 50/60Hz , 1 分钟
Shock resistance 耐冲击	Durable 耐久	1000m /s ² (100G) max. 1000m /s ² (100G) 以下
	Malfunction 故障	300m /s ² (30G) max. 300m /s ² (30G) 以下
Vibration resistance 抗振性	10-55Hz , 1.5mm 双振幅 10-55Hz , 1.5mm double amplitude	
Operating life 使用寿命	Mechanical life 机械寿命	100,000 cycles min. 100,000 次以上
	Electrical life 电气寿命	50,000 cycles min. 50,000 次以上
Ambient temperature 环境温度	-25℃ to + 85℃	
Ambient humidity 环境湿度	85%RH max.	
Operating frequency 动作频率	30 times/min 30次/分	

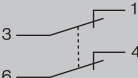
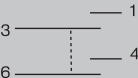
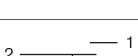
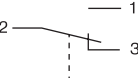
LT series toggle switch

LT 系列 钮子开关

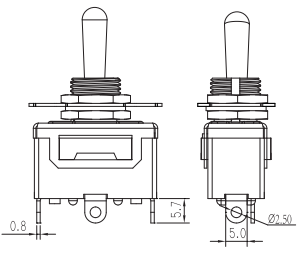
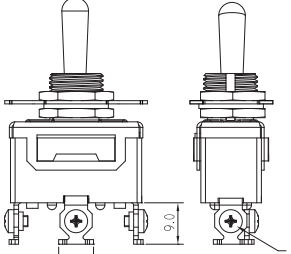
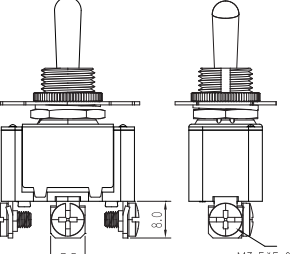
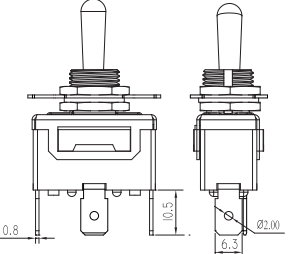
Product Ordering 产品选型

LT	-	1	2	3	4
LT series toggle switch LT系列钮子开关		Outside Shape 开关外形	Numbers of pole 开关组数	Contact form 接触方式	Terminal type 接线端子
		1: Basic 基础款 2: improved 升级款 3: Waterproof 防水款	1: 1pole单组 2: 2poles 双组	10: ON—OFF 20: ON—ON 21: ON— (ON) 30: ON—OFF—ON 31: ON—OFF— (ON) 32: (ON) —OFF— (ON) 带 “ () ” 为自动复位 “ () ” means auto reset	A: Solder terminal 焊接端子 B: Screw terminal 螺丝端子 C: #250 quick connect terminal #250 快插端子

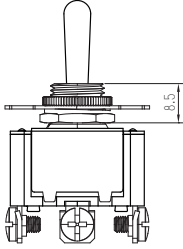
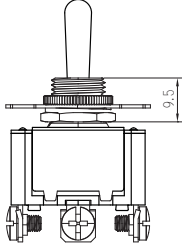
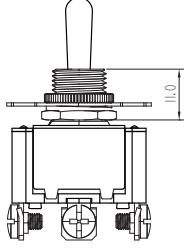
Contact Form 接触形式

Numbers of pole 开关组数	Code 代号	Contact form 接触方式			
1 pole 单组	10	ON — OFF		-	
	20	ON — ON		-	
	21	(ON) — ON		-	
	30	ON OFF ON			
	31	(ON) OFF ON			
	32	(ON) OFF (ON)			
2 poles 双组	10	ON — OFF		-	
	20	ON — ON		-	
	21	(ON) — ON		-	
	30	ON OFF ON			
	31	(ON) OFF ON			
	32	(ON) OFF (ON)			

Terminal Type 接线端子类型

A	B (LT1)	B (LT2,LT3)	C
Solder terminal 焊接端子	Screw terminal 螺丝端子	Screw terminal 螺丝端子	#250 quick connect terminal 快速连接端
			

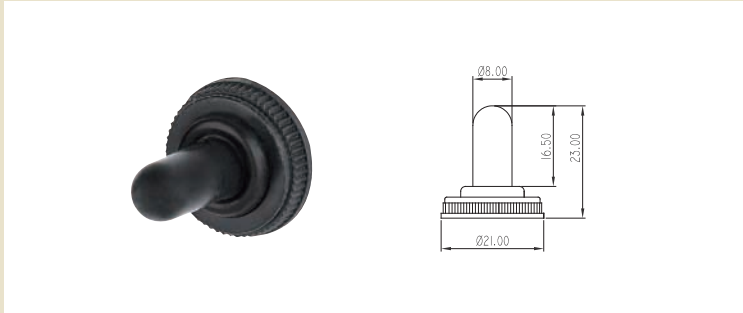
Thread Height 安装螺柱高度

8.5mm	9.5mm	11mm
		

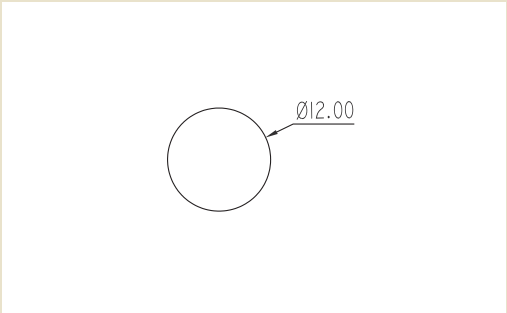
标准款尺寸: LT1为9.5mm, LT2为11mm, LT3为12mm
Standard height :LT1 is 9.5mm, LT2 is 11mm, LT3 is 12mm

Protection Cap
防护帽

The protection cap can be applied in any type of LT series toggle switch for preventing dust and splash liquid.
防护帽可以安装任何一款LT系列钮子开关，用于防尘，防液体溅。



Mounting Holes
安装孔尺寸



LT1 系列 钮子开关



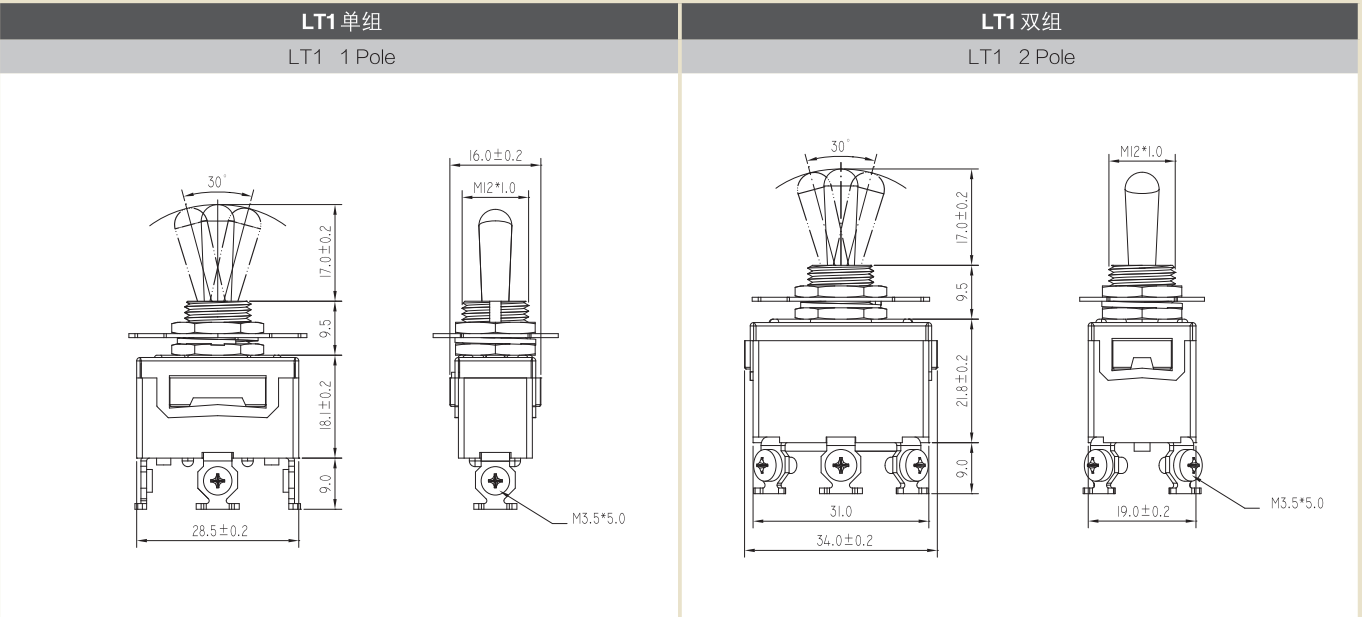
Features 特点

- * 基础款式，市场用量较大
 - * 经济实惠，性价比高
 - * 可选配防水帽
- * Basic type, high market demand
 - * Affordable with high cost performance
 - * Protection cap is available

Model Selection Form 选型表

Switch contact form 开关接触方式				Switch type 开关种类					
				1pole单极			2 poles双极		
LT1 Basic type 基础款				Solder terminal 焊接端子	Screw terminal 螺丝端子	Quick terminal 快插端子	Solder terminal 焊接端子	Screw terminal 螺丝端子	Quick terminal 快插端子
	ON	—	OFF	LT1110A	LT1110B	LT1110C	LT1210A	LT1210B	LT1210C
	ON	—	ON	LT1120A	LT1120B	LT1120C	LT1220A	LT1220B	LT1220C
	(ON)	—	ON	LT1121A	LT1121B	LT1121C	LT1221A	LT1221B	LT1221C
	ON	OFF	ON	LT1130A	LT1130B	LT1130C	LT1230A	LT1230B	LT1230C
	(ON)	OFF	ON	LT1131A	LT1131B	LT1131C	LT1231A	LT1231B	LT1231C
	(ON)	OFF	(ON)	LT1132A	LT1132B	LT1132C	LT1232A	LT1232B	LT1232C

Dimensions 外形尺寸



LT2 系列 钮子开关



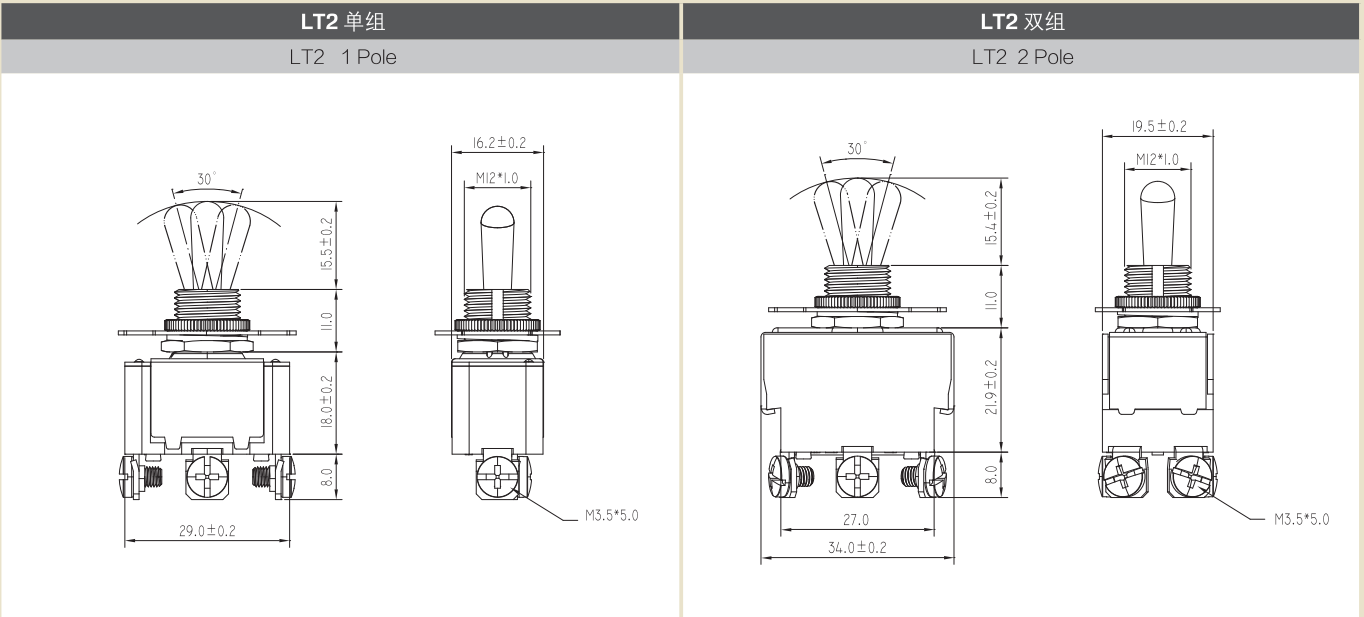
Features 特点

- * 升级款式，拥有更高的机械强度
 - * 三种接线端子可供选择
 - * 可选配防水帽
- * Improved type with high mechanical strength
 - * Three type of terminals are available
 - * Protection cap is available

Model Selection Form 选型表

Switch contact form 开关接触方式				Switch type 开关种类					
				1pole 单极			2 poles 双极		
LT2 Improved type 升级款				Solder terminal 焊接端子	Screw terminal 螺丝端子	Quick terminal 快插端子	Solder terminal 焊接端子	Screw terminal 螺丝端子	Quick terminal 快插端子
	ON	—	OFF	LT2110A	LT2110B	LT2110C	LT2210A	LT2210B	LT2210C
	ON	—	ON	LT2120A	LT2120B	LT2120C	LT2220A	LT2220B	LT2220C
	(ON)	—	ON	LT2121A	LT2121B	LT2121C	LT2221A	LT2221B	LT2221C
	ON	OFF	ON	LT2130A	LT2130B	LT2130C	LT2230A	LT2230B	LT2230C
	(ON)	OFF	ON	LT2131A	LT2131B	LT2131C	LT2231A	LT2231B	LT2231C
	(ON)	OFF	(ON)	LT2132A	LT2132B	LT2132C	LT2232A	LT2232B	LT2232C

Dimensions 外形尺寸



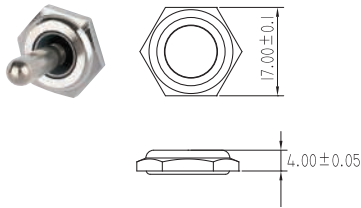
LT3 系列 钮子开关



Features 特点

- * 全新外形设计，外形更精致
- * 防护等级高，操作部分达IP67
- * 可选配面板防水螺母
- * New design with a delicate appearance
- * High protection degree, the operating section is comply with IP67
- * water proof panel nut are available

Panel waterproof nut 防水螺母



Model Selection Form 选型表

Switch contact form 开关接触方式				Switch type 开关种类					
				1pole 单极			2 poles 双极		
LT3 Water proof type 防水款				Solder terminal 焊接端子	Screw terminal 螺丝端子	Quick terminal 快插端子	Solder terminal 焊接端子	Screw terminal 螺丝端子	Quick terminal 快插端子
	ON	—	OFF	LT3110A	LT3110B	LT3110C	LT3210A	LT3210B	LT3210C
	ON	—	ON	LT3120A	LT3120B	LT3120C	LT3220A	LT3220B	LT3220C
	(ON)	—	ON	LT3121A	LT3121B	LT3121C	LT3221A	LT3221B	LT3221C
	ON	OFF	ON	LT3130A	LT3130B	LT3130C	LT3230A	LT3230B	LT3230C
	(ON)	OFF	ON	LT3131A	LT3131B	LT3131C	LT3231A	LT3231B	LT3231C
	(ON)	OFF	(ON)	LT3132A	LT3132B	LT3132C	LT3232A	LT3232B	LT3232C

Dimensions 外形尺寸

LT3 单组		LT3 双组	
LT3 1 Pole		LT3 2 Pole	