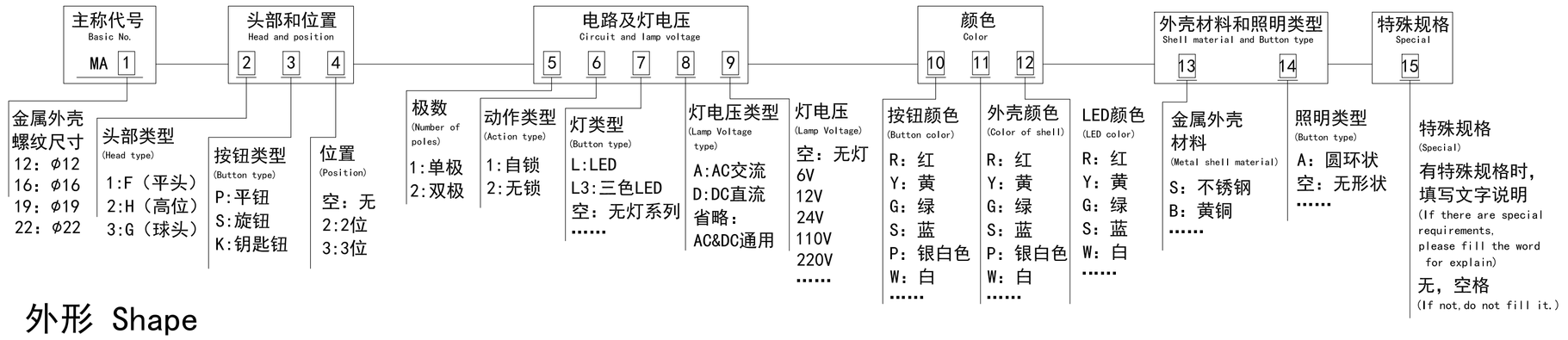
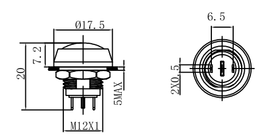
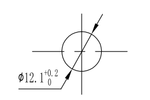
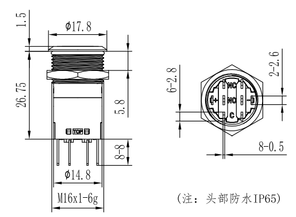
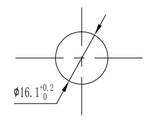
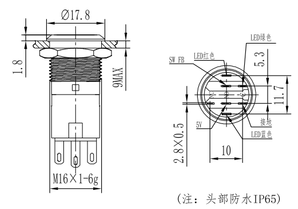
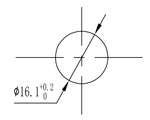
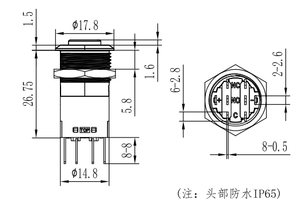
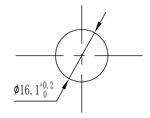
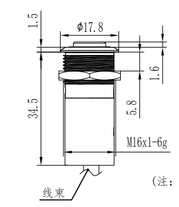
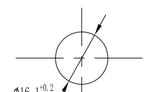
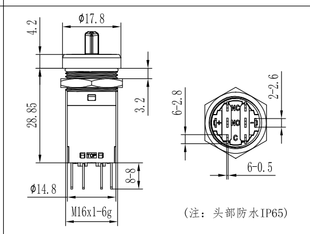
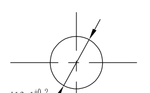
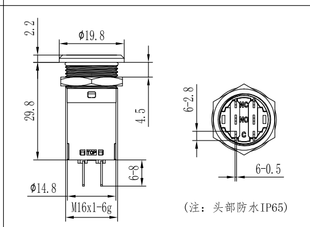
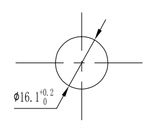
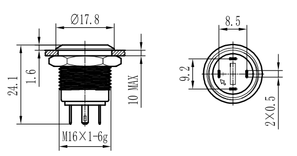
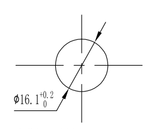
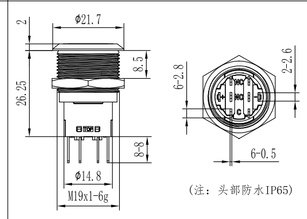
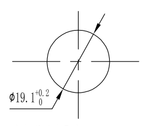
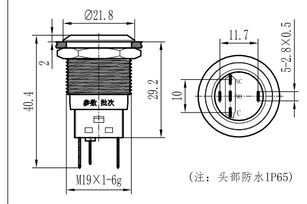
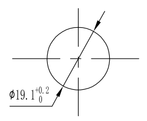
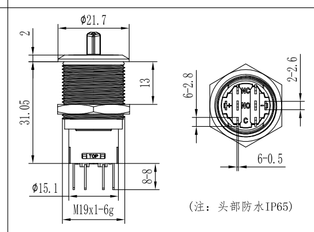
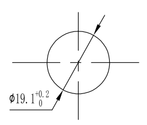
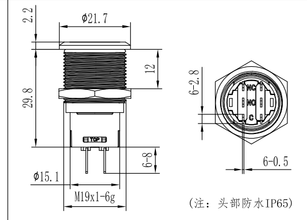
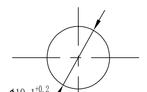
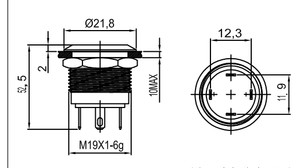
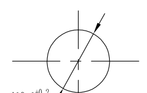
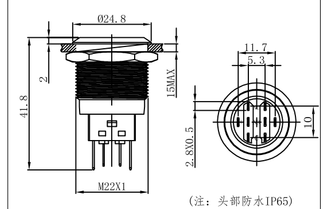
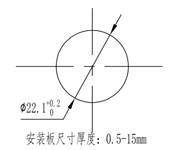
MA12、MA16、MA19、MA22金属按钮、旋钮、钥匙开关

型号及命名规则 HOW TO ORDER



外形 Shape

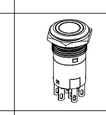
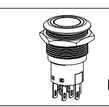
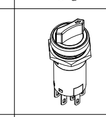
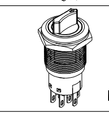
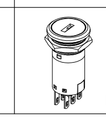
代码 Code	例图详解 Diagarm	面板开孔尺寸(mm) Panel cut out	相配选择 Match the project selection 头部按钮	状态	字符 Working	电气参数 Electric parameter
MA12	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-5mm	GP	12	按需	3A 250V AC
MA16	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-5.8mm	FP	11L/11 12L/12 21L/21 22L/22	按需	3A 250V AC
MA16	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-9mm	FP	12L3	按需	5A 250V AC
MA16	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-5.8mm	HP	11L/11 12L/12 21L/21 22L/22	按需	3A 250V AC
MA16	 (注：此为整体防水IP67款)	 安装板尺寸厚度：0.5-5.8mm	HP	11L/11 12L/12 21L/21 22L/22	按需	3A 250V AC
MA16	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-3.2mm	FS	11L 12L 21L 22L	按需	3A 250V AC
MA16	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-4.5mm	FK	11 12 21 22	按需	3A 250V AC
MA16	 (注：短壳) (注：头部防水IP65)	 安装板尺寸厚度：0.5-10mm	FP	12L/12	按需	3A 250V AC

代码 Code	例图详解 Diagarm	面板开孔尺寸(mm) Panel cut out	相配选择 Match the project selection 头部按钮	状态	字符 Working	电气参数 Electric parameter
MA19	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-8.5mm	FP	11L/11 12L/12 21L/21 22L/22	按需	3A 250V AC
MA19	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-12mm	FP	12L/12	按需	5A 250V AC
MA19	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-13mm	FS	11L 12L 21L 22L	按需	3A 250V AC
MA19	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-12mm	FK	11 12 21 22	按需	3A 250V AC
MA19	 (注：短壳) (注：头部防水IP65)	 安装板尺寸厚度：0.5-10mm	FP	12L	按需	5A 250V AC
MA22	 (注：头部防水IP65)	 安装板尺寸厚度：0.5-15mm	FP	11L/11 12L/12 21L/21 22L/22	按需	5A 250V AC

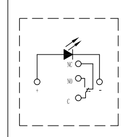
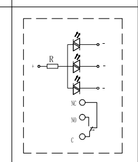
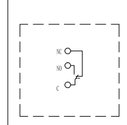
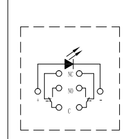
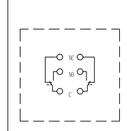
技术性能参数 SPECIFICATION

电气额定值（阻性负载） Max.Rating Current&Voltage(Resistive Load)	3A 250V AC
接触电阻（初始值） Contact Resistance	≤50mΩ
绝缘电阻（常态） Insulation Resistance	≥100MΩ
耐压（常态） Dielectric Strength	1500VAC 50Hz 1min
机械寿命（次） Mechanical life(cycles)	平钮：无锁20万 3600次/小时（自锁5万） 旋钮：无锁20万 3600次/小时（自锁5万） 钥匙钮：无锁20万 3600次/小时（自锁5万）
电气寿命（次） Electronic life(cycles)	平钮：无锁5万 （自锁2.5万） 旋钮：无锁5万 （自锁2.5万） 钥匙钮：无锁5万 （自锁2.5万）
工作环境温度 Operating temperature	-25℃～55℃
防护等级 IP code	IP65（安装面板以上）

例图

代码 Code	MA16例图	MA19例图
P	 MA16平钮	 MA19平钮
S	 MA16旋钮	 MA19旋钮
K	 MA16钥匙钮	MA19钥匙钮

电路特征

电流类型	电路特征代码	电路图	特征描述
MA16 MA19	11L/12L		单极自锁带灯/ 单极无锁带灯
	12L3		单极无锁带三色灯
	11/12		单极自锁无灯/ 单极无锁无灯
	21L/22L		双极自锁带灯/ 双极无锁带灯
	21/22		双极自锁无灯/ 双极无锁无灯