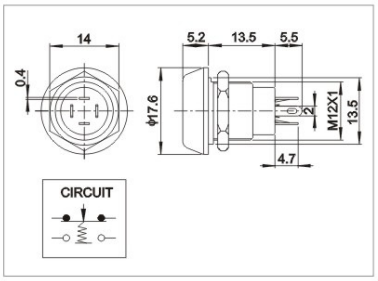
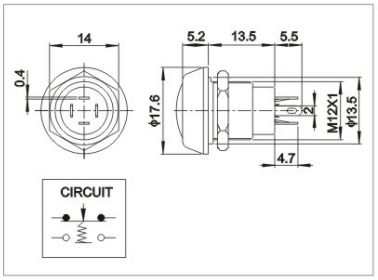
Metal Push Button Switch

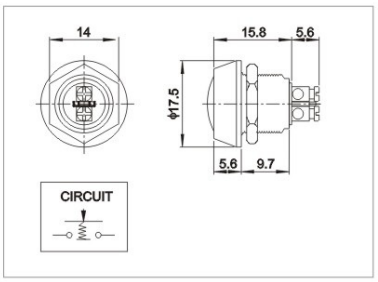
安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式Resetable
头部形状 Head shape:平形 flat
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP65,IK08



安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式Resetable
头部形状 Head shape:圆形 Round
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP65,IK08



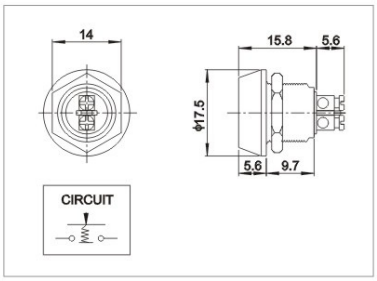
安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式Resetable
头部形状 Head shape:圆形 Round
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP65,IK08



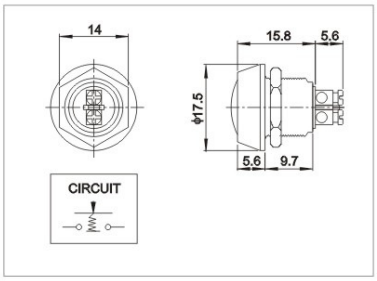
产品规格	Specifications	QN12-A1	QN12-A2	QN12-A3
尾部配置	Tail configuration	接线插片Connection terminal(2.0×0.4)	接线插片Connection terminal(2.0×0.4)	接线柱 Wiring terminal
开关规格	Switch specifications	2A/36VDC	2A/36VDC	2A/36VDC
接触电阻	Contact resistance	≤50mΩ	≤50mΩ	≤50mΩ
绝缘电阻	Insulation resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ
绝缘强度	Dielectric Intensity	2000VAC	2000VAC	2000VAC
环境温度	Ambient temperature	−20℃～+55℃	−20℃～+55℃	−20℃～+55℃
机械寿命	Mechanical life	50万次以上 500,000 cycles	50万次以上 500,000 cycles	50万次以上 500,000 cycles
电气寿命	Electrical life	5万次以上 50,000 cycles	5万次以上 50,000 cycles	5万次以上 50,000 cycles
面板厚度	Panel thickness	1～6mm	1～6mm	1～6mm
螺母扭矩	Nut torque	5～14Nm	5～14Nm	5～14Nm
操作压力	Operation pressure	约5N About5N	约5N About5N	约5N About5N
操作行程	Operation stroke	约2.0mm About2.0mm	约2.0mm About2.0mm	约2.0mm About2.0mm
防护等级	Protection level	IP65，IK08	IP65，IK08	IP65，IK08
材料 Material 触点	Contact	银合金 Silver alloy	银合金 Silver alloy	银合金 Silver alloy
材料 Material 按键	Button	不锈钢Stainless stell	不锈钢Stainless stell	不锈钢Stainless stell
材料 Material 外壳	Enclosure	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell
材料 Material 基座	Base	PA66	PA66	PA66

Metal Push Button Switch

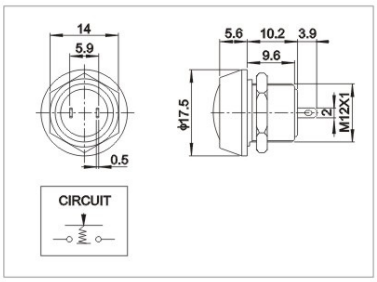
安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:平形 flat
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP65,IK08



安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:圆形 Round
头部颜色 Head color: R O Y G B W
外壳材料:黄铜镀镍/不锈钢
Enclosure material:nickel plated brass/stainless stell
防护等级 Degree of protection:IP65,IK08



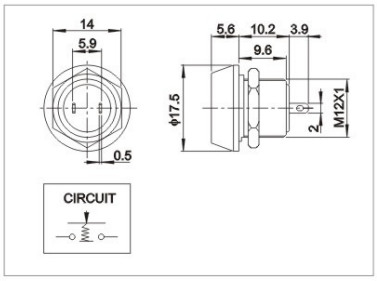
安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:圆形 Round
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP65,IK08



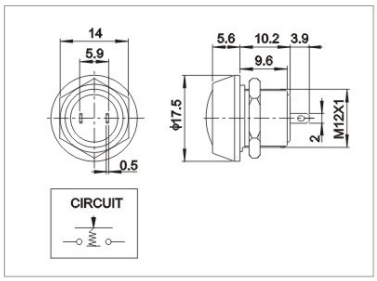
产品规格		Specifications	QN12-A4	QN12-A5	QN12-A6
尾部配置		Tail configuration	接线柱 Wiring terminal	接线柱 Wiring terminal	接线插片Connection terminal(2.0×0.5)
开关规格		Switch specifications	2A/36VDC	2A/36VDC	2A/36VDC
接触电阻		Contact resistance	≤50mΩ	≤50mΩ	≤50mΩ
绝缘电阻		Insulation resistance	≥1000MΩ	≥1000MΩ	≥1000MΩ
绝缘强度		Dielectric Intensity	2000VAC	2000VAC	2000VAC
环境温度		Ambient temperature	−20℃～+55℃	−20℃～+55℃	−20℃～+55℃
机械寿命		Mechanical life	50万次以上 500,000 cycles	50万次以上 500,000 cycles	50万次以上 500,000 cycles
电气寿命		Electrical life	5万次以上 50,000 cycles	5万次以上 50,000 cycles	5万次以上 50,000 cycles
面板厚度		Panel thickness	1～6mm	1～6mm	1～6mm
螺母扭矩		Nut torque	5～14Nm	5～14Nm	5～14Nm
操作压力		Operation pressure	约5N About5N	约5N About5N	约5N About5N
操作行程		Operation stroke	约2.0mm About2.0mm	约2.0mm About2.0mm	约2.0mm About2.0mm
防护等级		Protection level	IP65，IK08	IP65，IK08	IP65，IK08
材料 Material	触点	Contact	银合金 Silver alloy	银合金 Silver alloy	银合金 Silver alloy
	按键	Button	不锈钢Stainless stell	PA66	不锈钢Stainless stell
	外壳	Enclosure	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell
	基座	Base	PA66	PA66	PA66

Metal Push Button Switch

安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:平形 flat
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP65,IK08

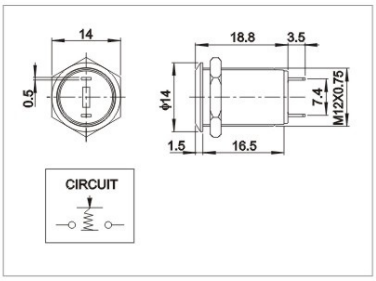


安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:圆形 Round
头部颜色 Head color: R O Y G B W
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP65,IK08

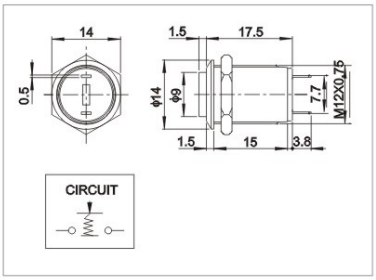


产品规格		Specifications	QN12-A7	QN12-A8	
尾部配置		Tail configuration	接线插片Connection terminal(2.0×0.5)	接线插片Connection terminal(2.0×0.5)	
开关规格		Switch specifications	2A/36VDC	2A/36VDC	
接触电阻		Contact resistance	≤50mΩ	≤50mΩ	
绝缘电阻		Insulation resistance	≥1000MΩ	≥1000MΩ	
绝缘强度		Dielectric Intensity	2000VAC	2000VAC	
环境温度		Ambient temperature	−20℃ ~ +55℃	−20℃ ~ +55℃	
机械寿命		Mechanical life	50万次以上 500,000 cycles	50万次以上 500,000 cycles	
电气寿命		Electrical life	5万次以上 50,000 cycles	5万次以上 50,000 cycles	
面板厚度		Panel thickness	1 ~ 6mm	1 ~ 6mm	
螺母扭矩		Nut torque	5 ~ 14Nm	5 ~ 14Nm	
操作压力		Operation pressure	约5N About5N	约5N About5N	
操作行程		Operation stroke	约2.0mm About2.0mm	约2.0mm About2.0mm	
防护等级		Protection level	IP65,IK08	IP65,IK08	
材料 Material	触点	Contact	银合金 Silver alloy	银合金 Silver alloy	
	按键	Button	不锈钢Stainless stell	PA66	
	外壳	Enclosure	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	基座	Base	PA66	PA66	

安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:平形 flat
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08



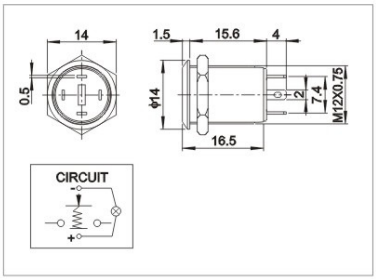
安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:高平形 High flush
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08



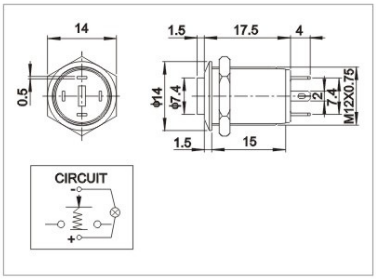
产品规格		Specifications	QN12-B1	QN12-B2	
尾部配置		Tail configuration	接线插片Connection terminal(2.0×0.5)	接线插片Connection terminal(2.0×0.5)	
开关规格		Switch specifications	2A/36VDC	2A/36VDC	
接触电阻		Contact resistance	≤50mΩ	≤50mΩ	
绝缘电阻		Insulation resistance	≥1000MΩ	≥1000MΩ	
绝缘强度		Dielectric Intensity	2000VAC	2000VAC	
环境温度		Ambient temperature	−20℃ ~ +55℃	−20℃ ~ +55℃	
机械寿命		Mechanical life	50万次以上 500,000 cycles	50万次以上 500,000 cycles	
电气寿命		Electrical life	5万次以上 50,000 cycles	5万次以上 50,000 cycles	
面板厚度		Panel thickness	1 ~ 6mm	1 ~ 6mm	
螺母扭矩		Nut torque	5 ~ 14Nm	5 ~ 14Nm	
操作压力		Operation pressure	约5N About5N	约5N About5N	
操作行程		Operation stroke	约2.0mm About2.0mm	约2.0mm About2.0mm	
防护等级		Protection level	IP67，IK08	IP67，IK08	
材料 Material	触点	Contact	银合金 Silver alloy	银合金 Silver alloy	
	按键	Button	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	外壳	Enclosure	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	基座	Base	PA66	PA66	

Metal Lamp Push Button Switch

安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:平形 flat
带灯方式 Lamp type:环形带灯 Ring Illuminated
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08



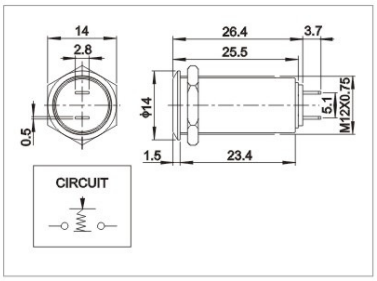
安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自复式 Resetable
头部形状 Head shape:高平形 High flush
带灯方式 Lamp type:环形带灯 Ring Illuminated
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08



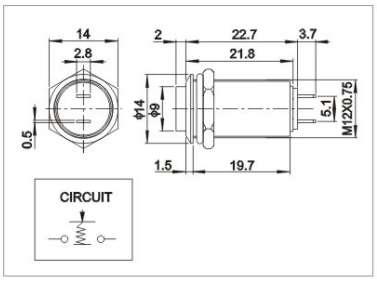
产品规格		Specifications	QN12-C1	QN12-C2
尾部配置		Tail configuration	接线插片Connection terminal(2.0×0.5)	接线插片Connection terminal(2.0×0.5)
开关规格		Switch specifications	2A/36VDC	2A/36VDC
接触电阻		Contact resistance	≤50mΩ	≤50mΩ
绝缘电阻		Insulation resistance	≥1000MΩ	≥1000MΩ
绝缘强度		Dielectric Intensity	2000VAC	2000VAC
环境温度		Ambient temperature	−20℃～+55℃	−20℃～+55℃
机械寿命		Mechanical life	50万次以上 500,000 cycles	50万次以上 500,000 cycles
电气寿命		Electrical life	5万次以上 50,000 cycles	5万次以上 50,000 cycles
面板厚度		Panel thickness	1～6mm	1～6mm
螺母扭矩		Nut torque	5～14Nm	5～14Nm
操作压力		Operation pressure	约5N About5N	约5N About5N
操作行程		Operation stroke	约2.5mm About2.5mm	约2.5mm About2.5mm
防护等级		Protection level	IP67，IK08	IP67，IK08
材料 Material	触点	Contact	银合金 Silver alloy	银合金 Silver alloy
	按键	Button	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell
	外壳	Enclosure	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell
	基座	Base	PA66	PA66
灯珠参数 LED Parameters	灯珠类型	LED type	环形带灯Ring Illuminated(LED)	环形带灯Ring Illuminated(LED)
	额定电压	Rated voltage	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V
	灯珠颜色	LED color	R O Y G B W	R O Y G B W
	灯珠寿命	LED life	40000小时hours	40000小时hours

Metal Push Button Switch

安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自锁式 Self-locking
头部形状 Head shape:平形 flat
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08



安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自锁式 Self-locking
头部形状 Head shape:高平形 High flush
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08

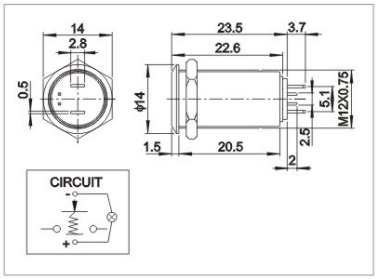


产品规格		Specifications	QN12-D1	QN12-D2	
尾部配置		Tail configuration	接线插片Connection terminal(2.8×0.5)	接线插片Connection terminal(2.8×0.5)	
开关规格		Switch specifications	2A/36VDC	2A/36VDC	
接触电阻		Contact resistance	≤50mΩ	≤50mΩ	
绝缘电阻		Insulation resistance	≥1000MΩ	≥1000MΩ	
绝缘强度		Dielectric Intensity	2000VAC	2000VAC	
环境温度		Ambient temperature	-20℃~+55℃	-20℃~+55℃	
机械寿命		Mechanical life	50万次以上 500,000 cycles	50万次以上 500,000 cycles	
电气寿命		Electrical life	5万次以上 50,000 cycles	5万次以上 50,000 cycles	
面板厚度		Panel thickness	1~6mm	1~6mm	
螺母扭矩		Nut torque	5~14Nm	5~14Nm	
操作压力		Operation pressure	约5N About5N	约5N About5N	
操作行程		Operation stroke	约2.0mm About2.0mm	约2.0mm About2.0mm	
防护等级		Protection level	IP67，IK08	IP67，IK08	
材料 Material	触点	Contact	银合金 Silver alloy	银合金 Silver alloy	
	按键	Button	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	外壳	Enclosure	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	基座	Base	PA66	PA66	

Metal Lamp Push Button Switch

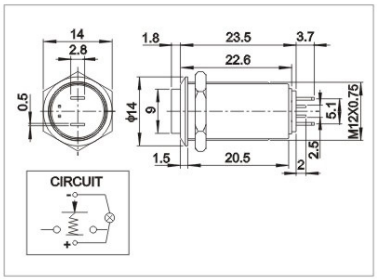
12-D3- ☆■▲△◆

安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自锁式 Self-locking
头部形状 Head shape:平形 flat
带灯方式 Lamp type:单点带灯 Dot Illuminated
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08



12-D4- ☆■▲△◆

安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自锁式 Self-locking
头部形状 Head shape:高平形 High flush
带灯方式 Lamp type:单点带灯 Dot Illuminated
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08

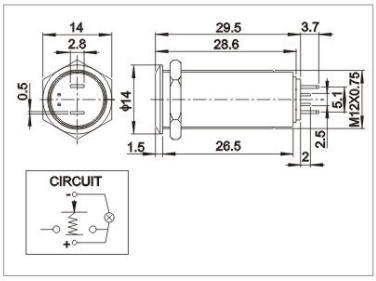


产品规格		Specifications	QN12-D3	QN12-D4	
尾部配置		Tail configuration	接线插片 Connection terminal(2.8×0.5)	接线插片 Connection terminal(2.8×0.5)	
开关规格		Switch specifications	2A/36VDC	2A/36VDC	
接触电阻		Contact resistance	≤50mΩ	≤50mΩ	
绝缘电阻		Insulation resistance	≥1000MΩ	≥1000MΩ	
绝缘强度		Dielectric Intensity	2000VAC	2000VAC	
环境温度		Ambient temperature	-20℃~+55℃	-20℃~+55℃	
机械寿命		Mechanical life	50万次以上 500,000 cycles	50万次以上 500,000 cycles	
电气寿命		Electrical life	5万次以上 50,000 cycles	5万次以上 50,000 cycles	
面板厚度		Panel thickness	1~6mm	1~6mm	
螺母扭矩		Nut torque	5~14Nm	5~14Nm	
操作压力		Operation pressure	约5N About5N	约5N About5N	
操作行程		Operation stroke	约2.0mm About2.0mm	约2.0mm About2.0mm	
防护等级		Protection level	IP67，IK08	IP67，IK08	
材料 Material	触点	Contact	银合金 Silver alloy	银合金 Silver alloy	
	按键	Button	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	外壳	Enclosure	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	基座	Base	PA66	PA66	
灯珠参数 LED Parameters	灯珠类型	LED type	单点带灯Dot Illuminated(LED)	单点带灯Dot Illuminated(LED)	
	额定电压	Rated voltage	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V	
	灯珠颜色	LED color	R O Y G B W	R O Y G B W	
	灯珠寿命	LED life	40000小时hours	40000小时hours	

Metal Lamp Push Button Switch

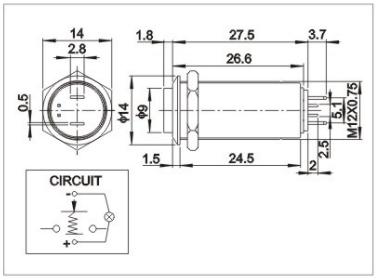
12-D5- ☆■▲△◆

安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自锁式 Self–locking
头部形状 Head shape:平形 flat
带灯方式 Lamp type:环形带灯 Ring Illuminated
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08



12-D6- ☆■▲△◆

安装孔尺寸 Mounting hole size:Φ12mm
开关额定值 Switch rating:2A/36VDC
开关组合 Switch combination:1NO
操作类型 Operation types:自锁式 Self–locking
头部形状 Head shape:高平形 High flush
带灯方式 Lamp type:环形带灯 Ring Illuminated
外壳材料:黄铜镀镍/不锈钢
Enclosure material:Nickel plated brass/Stainless stell
防护等级 Degree of protection:IP67,IK08



产品规格		Specifications	QN12-D5	QN12-D6	
尾部配置		Tail configuration	接线插片Connection terminal(2.8×0.5)	接线插片Connection terminal(2.8×0.5)	
开关规格		Switch specifications	2A/36VDC	2A/36VDC	
接触电阻		Contact resistance	≤50mΩ	≤50mΩ	
绝缘电阻		Insulation resistance	≥1000MΩ	≥1000MΩ	
绝缘强度		Dielectric Intensity	2000VAC	2000VAC	
环境温度		Ambient temperature	–20℃～+55℃	–20℃～+55℃	
机械寿命		Mechanical life	50万次以上 500,000 cycles	50万次以上 500,000 cycles	
电气寿命		Electrical life	5万次以上 50,000 cycles	5万次以上 50,000 cycles	
面板厚度		Panel thickness	1～6mm	1～6mm	
螺母扭矩		Nut torque	5～14Nm	5～14Nm	
操作压力		Operation pressure	约5N About5N	约5N About5N	
操作行程		Operation stroke	约2.0mm About2.0mm	约2.0mm About2.0mm	
防护等级		Protection level	IP67，IK08	IP67，IK08	
材料 Material	触点	Contact	银合金 Silver alloy	银合金 Silver alloy	
	按键	Button	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	外壳	Enclosure	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	黄铜镀镍/不锈钢 Nickel plated brass/stainless stell	
	基座	Base	PA66	PA66	
灯珠参数 LED Parameters	灯珠类型	LED type	环形带灯Ring Illuminated(LED)	环形带灯Ring Illuminated(LED)	
	额定电压	Rated voltage	6V/12V/24V/110V/220V	6V/12V/24V/110V/220V	
	灯珠颜色	LED color	R O Y G B W	R O Y G B W	
	灯珠寿命	LED life	40000小时hours	40000小时hours	