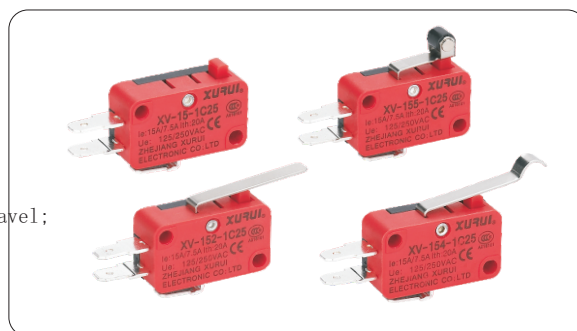
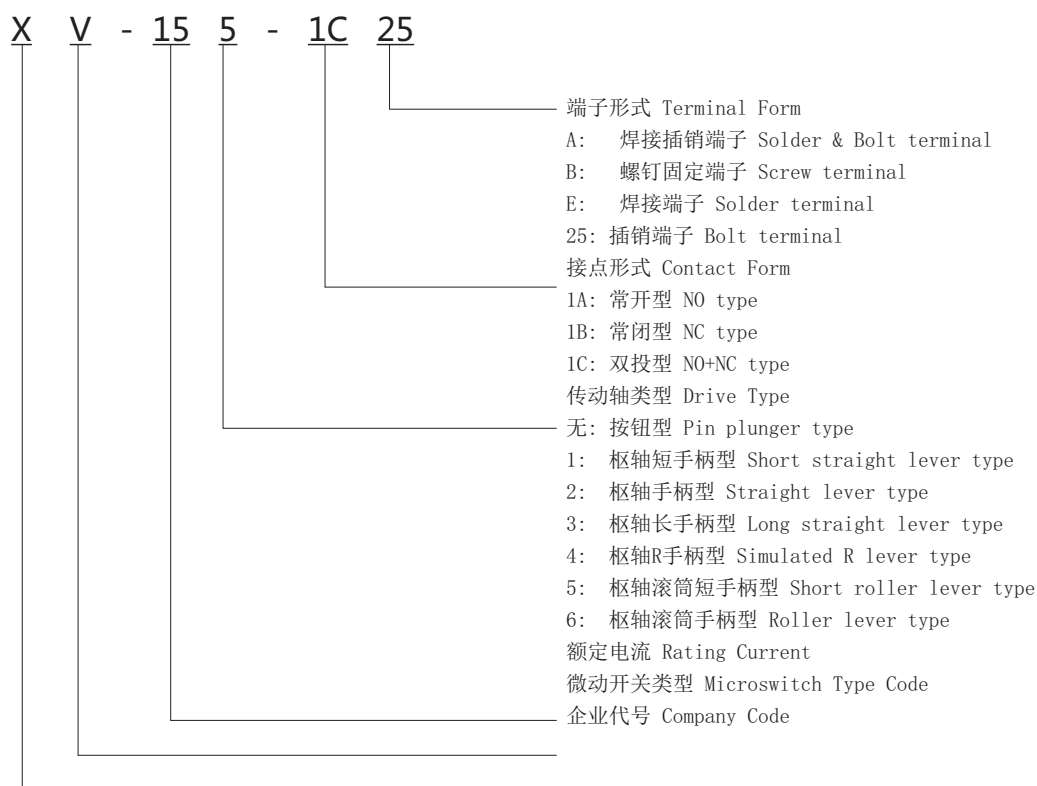


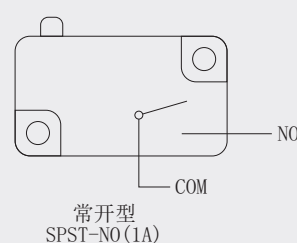
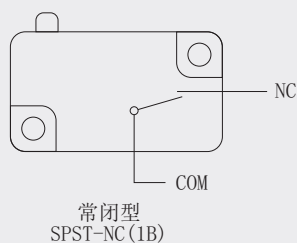
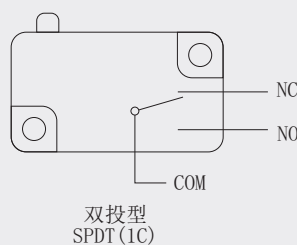
- 采用热固性或热塑性塑料外壳;
- 具有微小触点间隙, 动作快速、高灵敏和微小行程;
- 配备各种形式的驱动手柄;
- 广泛应用于各种家用电器、电子设备、自动化设备、通讯设备、汽车电子、仪器仪表等领域。
- Adopt thermosetting plastic or thermoplastic;
- Small contact gap, snap action, high sensitivity and small operating travel;
- Variety of levers;
- Widely used in appliance, electronic equipment ,automatic machine, communication equipment, car electric, apparatus and instrument, electro motion tool etc.



□ 型号含义 Model & Meanings



□ 触点形式 Contact Forms



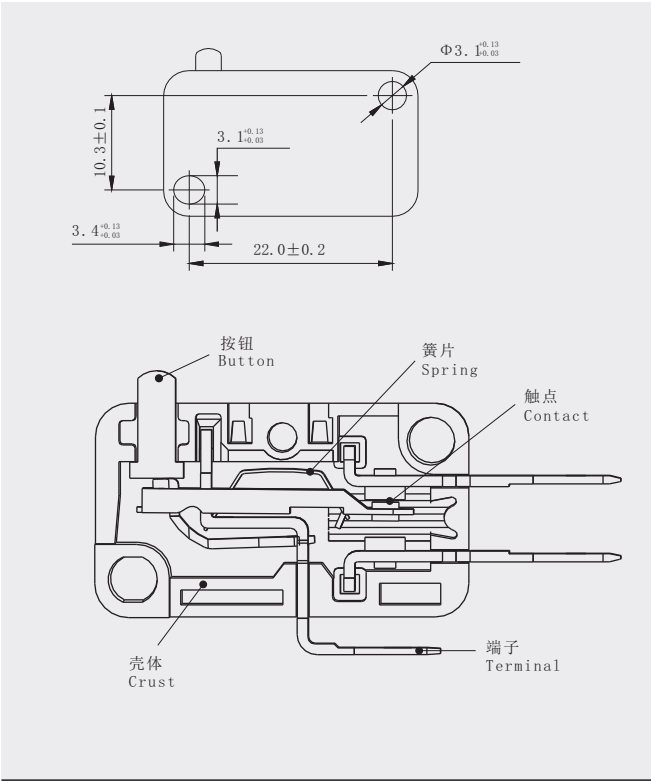
性能参数 Specification

项 目 Item	参数值 Data
操作速度 Operating speed	0.1mm-1m/s
操作频率 Operating frequency	机 械 Mechanical 600次/分 600times/min
	电 气 Electrical 30次/分 30times/min
绝缘电阻 Insulation resistance	100MΩ 以上 (Above) DC500V
接触电阻 Contact resistance	25mΩ (初值 initial value)
介质耐压 Withstand voltage	非 连 线 Non-connection wire 1000VAC
	各端子间 Every terminal 1500VAC
振 动 Vibration	误 动 作 Misoperation 10-55Hz 复振幅 Amplitude 1.5mm
冲 击 Impact	耐 久 Durable 1000m/s ²
	误 动 作 Misoperation 300m/s ²
寿 命 Life	电 气 Electrical 100,000次以上 above
	机 械 Mechanical 1,000,000次以上 above
防护等级 Protection degree	IP40
使用温度 Operating temperature	-25~+80℃
使用湿度 Operating humidity	<85%

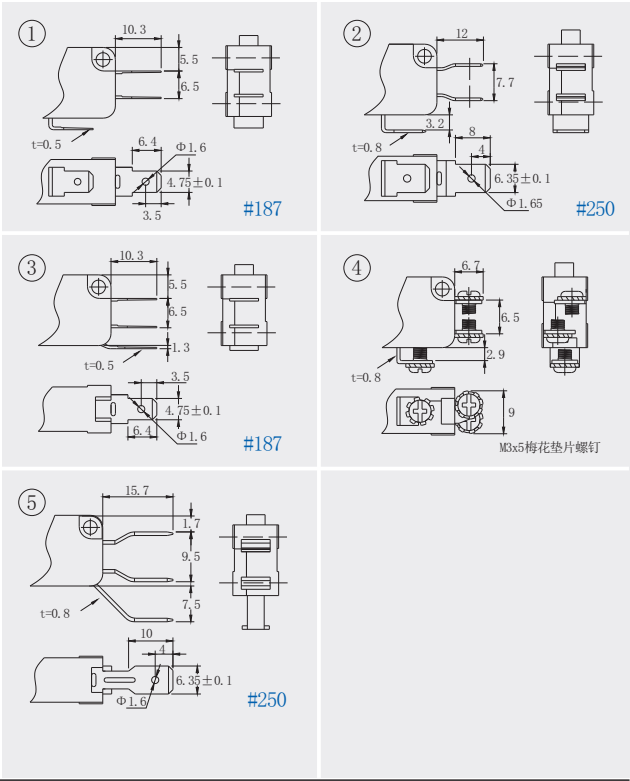
额定值 Rating

额定电压Ue (V)	额定电流Ie (A)	发热电流Ith (A)
AC-250	7.5	10
AC-125	15	20
DC-250	0.3	0.45
DC-125	0.6	0.75
AC-250	16	20

安装孔尺寸及结构图 Mounting Hole Dimensions & Structure



端子种类形 Terminal Forms



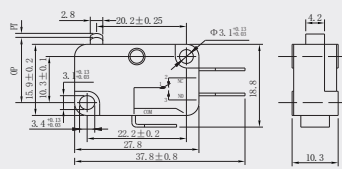
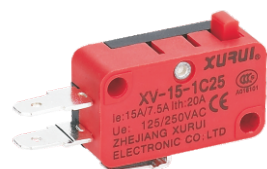
□ 外形尺寸/动作特性 Dimensions/Operating Characteristics

形式	Model	XV-15-1C25	XV-15-1C25	XV-15-2C25	XV-15-3C25	XV-15-4C25	XV-15-5C25	XV-15-6C25	XV-15-1B5	XV-15-1A25	XV-15-1B25	XV-15-F1
动作力	OF max.	200g (1.96N)	200g (1.96N)	125g (1.23N)	70g (0.69N)	125g (1.23N)	200g (1.96N)	125g (1.23N)	200g (1.96N)	200g (1.96N)	200g (1.96N)	200g (1.96N)
回复力	RF min.	50g (0.49N)	50g (0.49N)	14g (0.14N)	6g (0.06N)	14g (0.14N)	50g (0.14N)	14g (0.14N)	50g (0.49N)	50g (0.49N)	50g (0.49N)	50g (0.49N)
预行程	PT max.	1.2mm	1.2mm	2.8mm	6.0mm	2.8mm	1.2mm	3.0mm	1.2mm	1.2mm	1.2mm	1.2mm
超行程	OT min.	0.6mm	0.6mm	1.0mm	2.6mm	1.0mm	0.8mm	1.2mm	0.6mm	0.6mm	0.6mm	0.6mm
差行程	MD max.	0.3mm	0.5mm	0.8mm	2.0mm	0.8mm	0.5mm	0.8mm	0.3mm	0.3mm	0.3mm	0.3mm
动作位置	OP	14.7±0.5mm	15.2±0.5mm	15.2±1.2mm	15.2±2.6mm	18.3±1.2mm	20.5±0.6mm	20.5±1.2mm	14.7±0.5mm	14.7±0.5mm	14.7±0.5mm	14.7±0.5mm

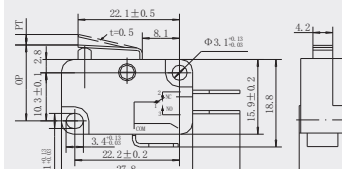
形式	Model	XV-15-F2	XV-15-F3	XV-15-F4	XV-15-F5	XV-15-F6A	XV-15-F6B	XV-15-F7	XV-15-F8	XV-15-F9	XV-15-F10	XV-15-F11
动作力	OF max.	200g (1.96N)	200g (1.96N)	200g (1.96N)	200g (1.96N)	125g (1.23N)	125g (1.23N)	80g (0.78N)	50g (0.49N)	100g (0.98N)	170g (1.67N)	150g (1.47N)
回复力	RF min.	50g (0.49N)	50g (0.49N)	50g (0.49N)	50g (0.49N)	14g (0.14N)	14g (0.14N)	8g (0.08N)	5g (0.05N)	12g (0.12N)	40g (0.39N)	45g (0.44N)
预行程	PT max.	1.2mm	1.2mm	1.2mm	1.2mm	2.8mm	2.8mm	4.8mm	10mm	3.0mm	1.6mm	2.4mm
超行程	OT min.	0.6mm	0.6mm	0.8mm	0.8mm	1.0mm	1.0mm	2.0mm	3.0mm	1.2mm	1.0mm	1.2mm
差行程	MD max.	0.3mm	0.5mm	0.5mm	0.8mm	0.8mm	0.8mm	2.0mm	2.0mm	1.4mm	0.6mm	0.8mm
动作位置	OP	14.7±0.5mm	15.2±0.5mm	14.7±0.5mm	14.7±0.5mm	15.2±0.6mm	15.2±0.6mm	15.2±1.2mm	15.2±2mm	21.2±0.6mm	25.5±0.8mm	21.2±0.6mm

形式	Model	XV-15-F12	XV-15-F13	XV-15-F14	XV-15-F15	XV-15-F16	XV-15-F17	XV-15-F18	XV-15-V1A	DS438	DS448	DS438X
动作力	OF max.	10g (0.1N)	20g (0.2N)	80g (0.78N)	80g (0.78N)	115g (1.13N)	5g (0.05N)	6g (0.06N)	200g (1.96N)	200g (1.96N)	400g (3.92N)	200g (1.96N)
回复力	RF min.	2g (0.02N)	4g (0.04N)	10g (0.1N)	10g (0.1N)	14g (0.14N)	1g (0.01N)	2g (0.02N)	80g (0.78N)	50g (0.49N)	80g (0.78N)	50g (0.49N)
预行程	PT max.	6.2mm	5.0mm	2.0mm	6.5mm	4.6mm	16mm	5.0mm	1.4mm	1.2mm	1.2mm	1.28mm
超行程	OT min.	0.6mm	2.0mm	0.8mm	1.0mm	1.0mm	2.0mm	2.2mm	0.8mm	0.6mm	0.6mm	0.6mm
差行程	MD max.	2.5mm	2.6mm	0.5mm	2.0mm	1.2mm	6.0mm	3.0mm	0.5mm	0.5mm	0.5mm	0.5mm
动作位置	OP	7.5±0.5mm	27.3±0.6mm	20.8±0.6mm	11.5±1.2mm	24.3±0.6mm	13.1±3mm	13.5±1.2mm	20.5±0.6mm	21.3±0.4mm	21.3±0.4mm	7.3±0.5mm

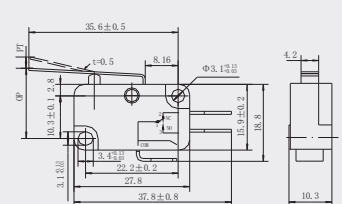
按钮型
XV-15-1C25



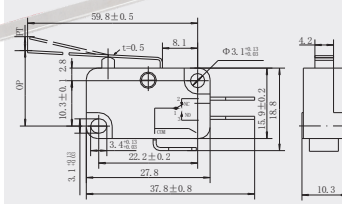
枢轴短手柄型
XV-15-1C25



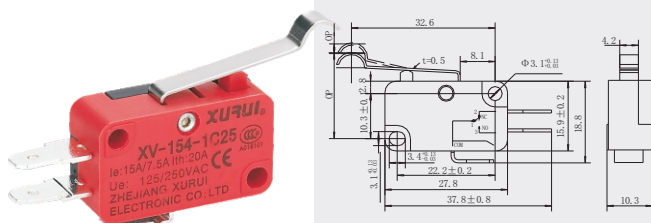
枢轴手柄型
XV-15-2C25



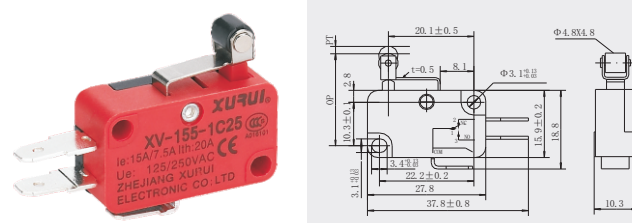
枢轴长手柄型
XV-15-3C25



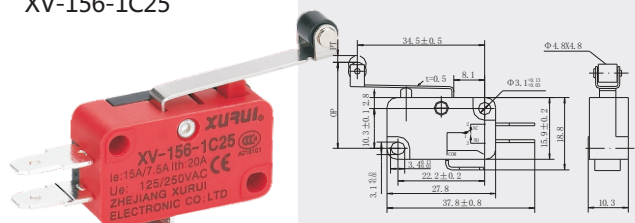
·枢轴R手柄型
XV-154-1C25



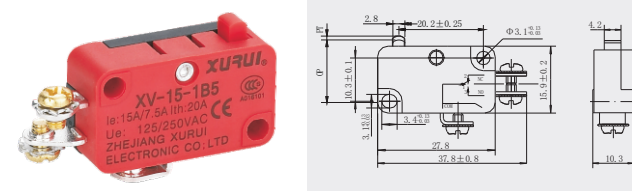
·枢轴滚筒短手柄型
XV-155-1C25



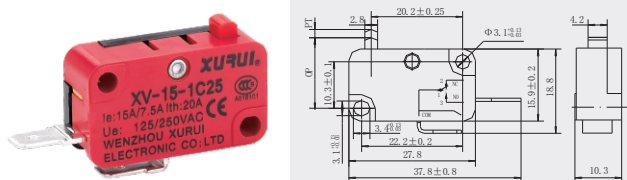
·枢轴滚筒手柄型
XV-156-1C25



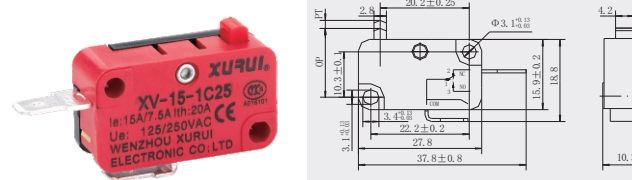
·螺丝端子型
XV-15-1B5



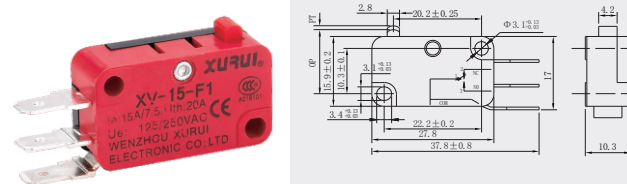
·常开型
XV-15-1A25



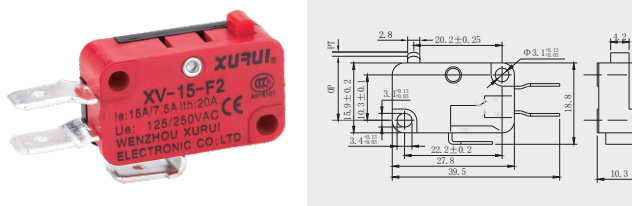
·常闭型
XV-15-1B25



·侧端子按钮型
XV-15-F1

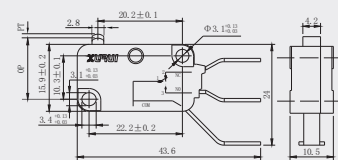


·宽端子按钮型
XV-15-F2

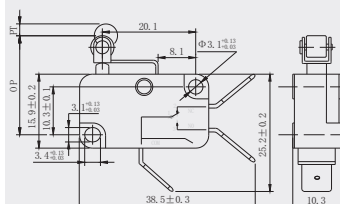


#250端子(Terminal): 6.3×0.8mm

·长侧端子按钮型
XV-15-F3

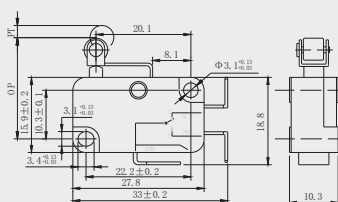


·宽端子滚筒手柄型
XV-15-F4

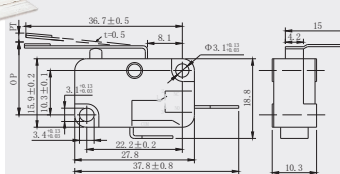


#250端子(Terminal): 6.3×0.8mm

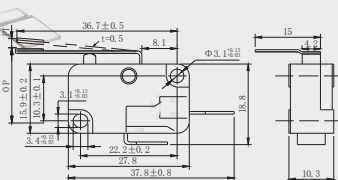
·直角端子手柄型
XV-15-F5



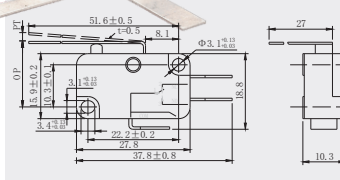
·枢轴L手柄型
XV-15-F6A



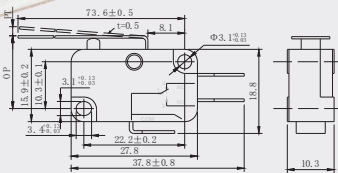
·枢轴L手柄型
XV-15-F6B



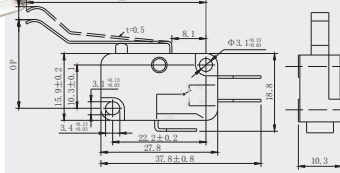
·枢轴大L手柄型
XV-15-F7



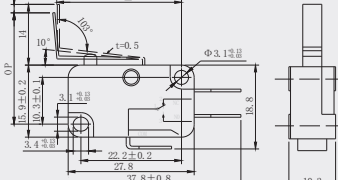
·枢轴长头手柄型
XV-15-F8



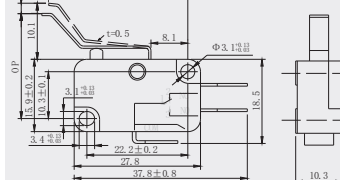
·枢轴大R手柄型
XV-15-F9



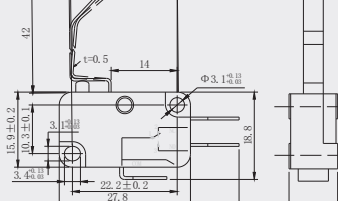
·枢轴V手柄型
XV-15-F10



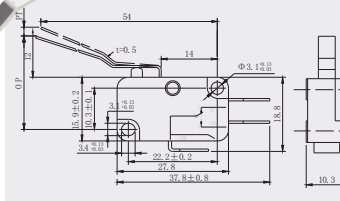
·枢轴Z手柄型
XV-15-F11



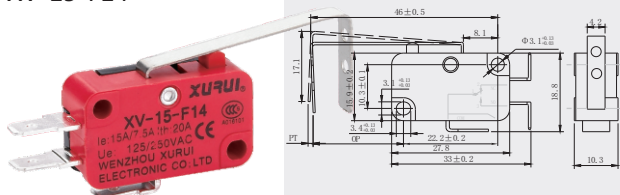
·枢轴U手柄型
XV-15-F12



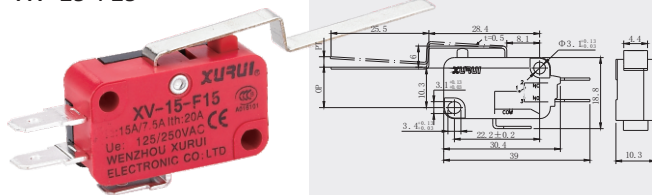
·枢轴N手柄型
XV-15-F13



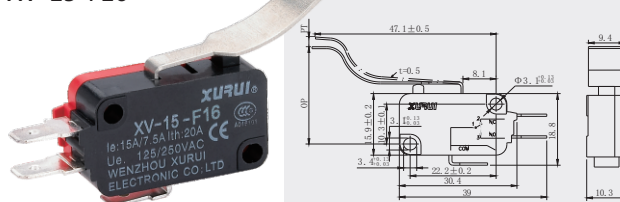
·枢轴下钩手柄型
XV-15-F14



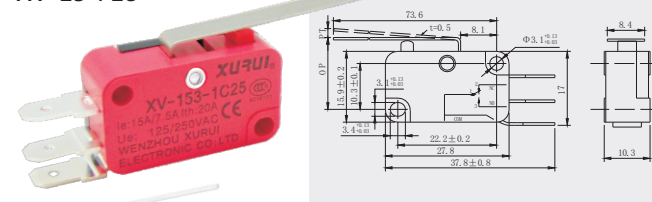
·枢轴梯形手柄型
XV-15-F15



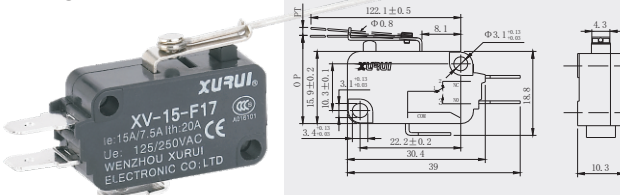
·枢轴翼形手柄型
XV-15-F16



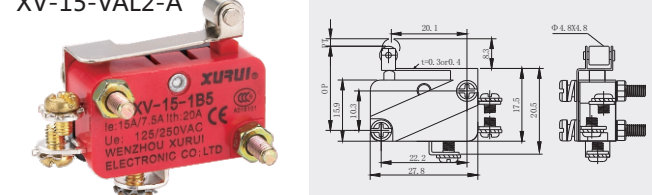
·枢轴长头手柄侧端子型
XV-15-F18



·弹簧钢丝长手柄型
XV-15-F17

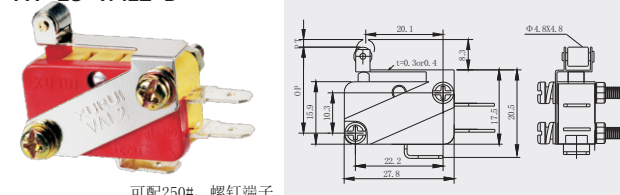


·枢轴外装流筒手柄型
XV-15-VAL2-A



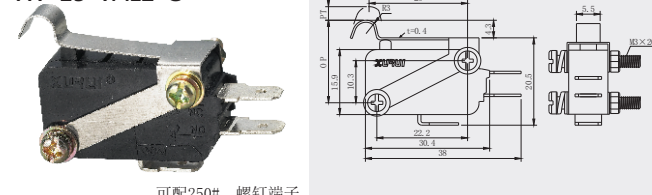
可配#187、#250端子
或做1A、1B型

·枢轴外装R手柄型
XV-15-VAL2-B



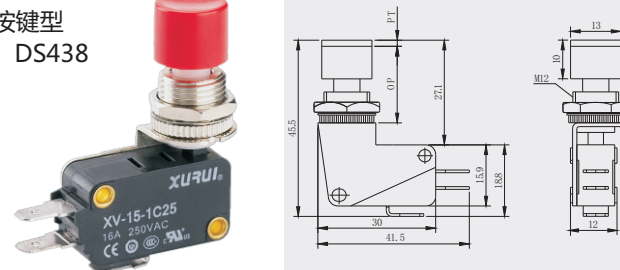
可配250#、螺钉端子
或做1A、1B型

·枢轴外装R手柄型
XV-15-VAL2-C

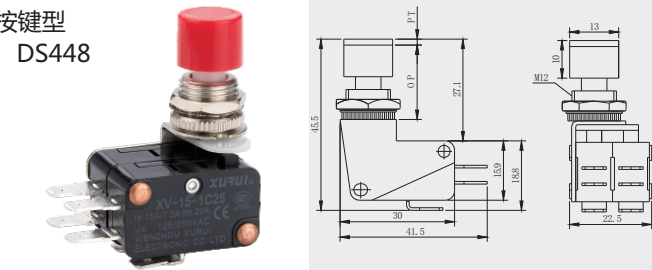


可配250#、螺钉端子
或做1A、1B型

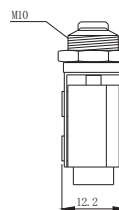
·按键型
DS438



·按键型
DS448



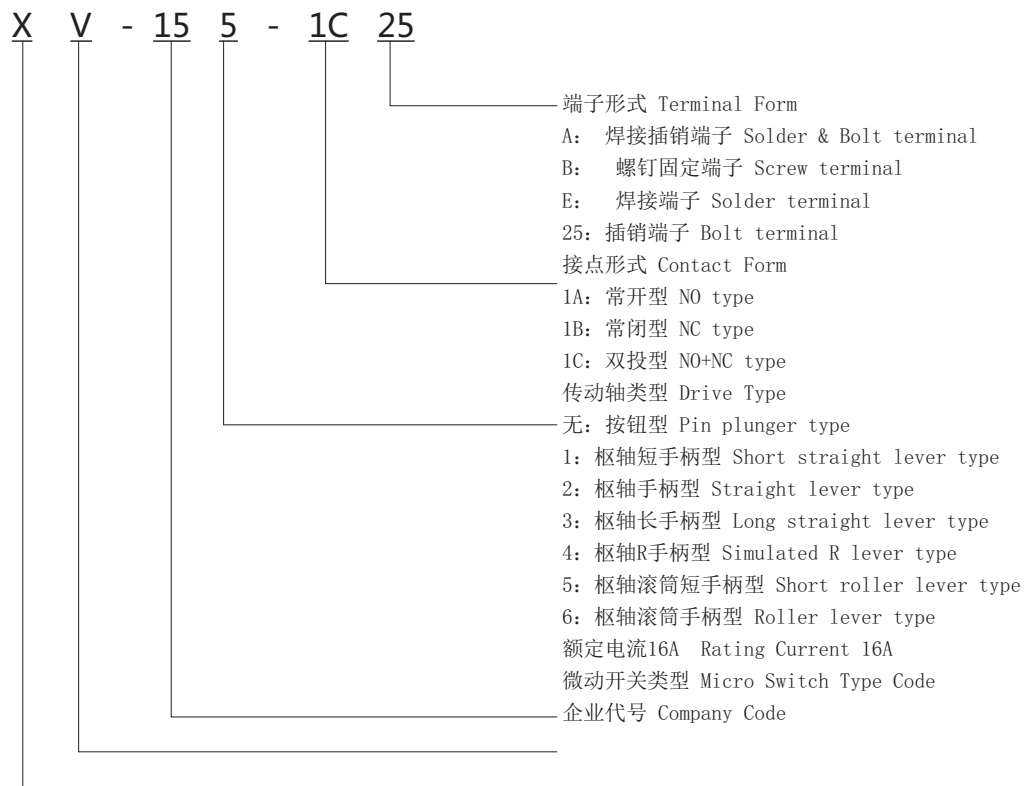
·外装支架按钮型
DS438X



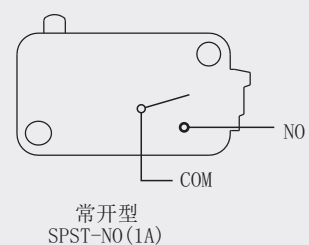
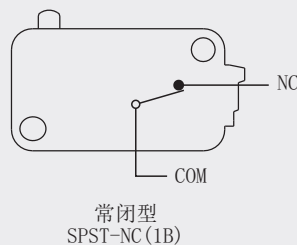
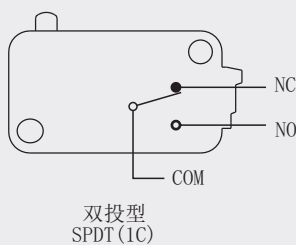
- 采用热固性或热塑性塑料外壳;
- 具有微小触点间隙, 动作快速、高灵敏和微小行程;
- 配备各种形式的驱动手柄;
- 广泛应用于各种家用电器、电子设备、自动化设备、通讯设备、汽车电子、仪器仪表等领域。
- Adopt thermosetting plastic or thermoplastic;
- Small contact gap, snap action, high sensitivity and small operating travel;
- Variety of levers;
- Widely used in appliance, electronic equipment, automatic machine, communication equipment, car electric, apparatus and instrument, electro motion tool etc.



□ 型号含义 Model & Meanings



□ 触点形式 Contact Forms



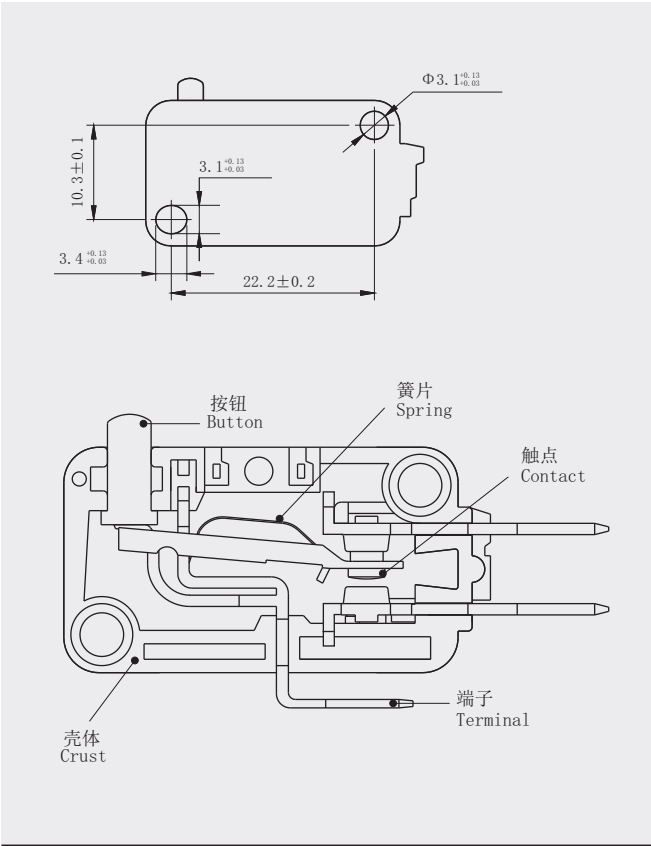
性能参数 Specification

项 目 Item	参数值 Data	
操作速度 Operating speed	0.1mm-1m/s	
操作频率 Operating frequency	机 械 Mechanical	600次/分 600times/min
	电 气 Electrical	30次/分 30times/min
绝缘电阻 Insulation resistance	100MΩ 以上 (Above) DC500V	
接触电阻 Contact resistance	25mΩ (初值 initial value)	
介质耐压 Withstand voltage	非 连 线 Non-connection wire	1000VAC
	各端子间 Every terminal	1500VAC
振 动 Vibration	误 动 作 Misoperation	10-55Hz 复振幅 Amplitude 1.5mm
冲 击 Impact	耐 久 Durable	1000m/s ²
	误 动 作 Misoperation	300m/s ²
寿 命 Life	电 气 Electrical	100,000次以上 above
	机 械 Mechanical	1,000,000次以上 above
防护等级 Protection degree	IP40	
使用温度 Operating temperature	-25~+80℃	
使用湿度 Operating humidity	<85%	

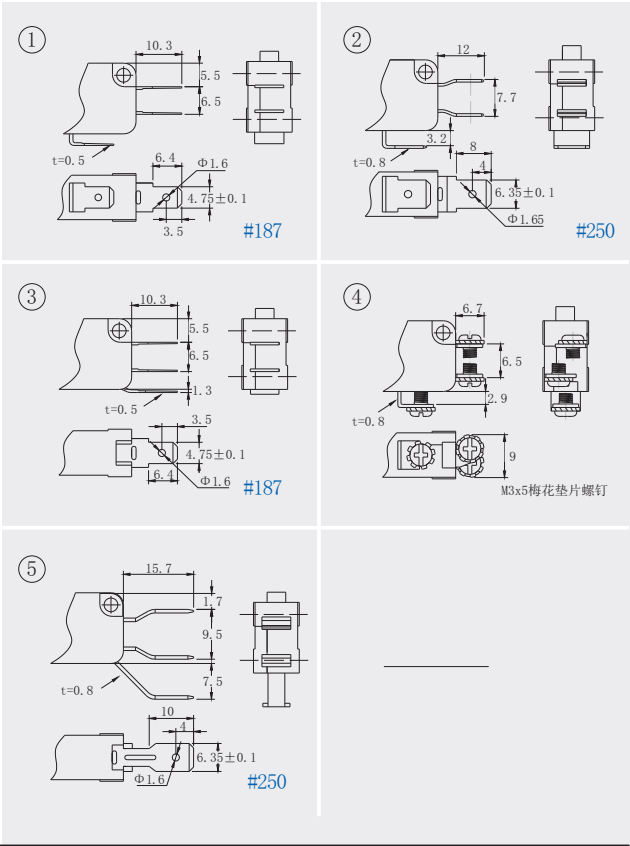
额定值 Rating

额定电压Ue (V)	额定电流Ie (A)	发热电流Ith (A)
AC-250	16	20

安装孔尺寸及结构图 Mounting Hole Dimensions & Structure



端子种类形 Terminal Forms

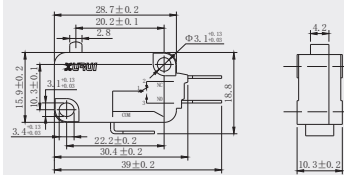


□ 外形尺寸/动作特性 Dimensions/Operating Characteristics

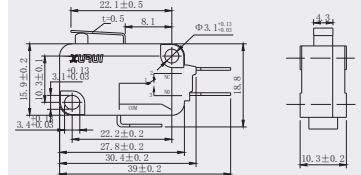
形式	Model	XV-15-1C25	XV-151-1C25	XV-152-1C25	XV-153-1C25	XV-154-1C25	XV-155-1C25	XV-156-1C25	XV-15-1B5	XV-15-1A25	XV-15-1B25
动作力	OF max.	200g (1.96N)	200g (1.96N)	125g (1.23N)	70g (0.69N)	125g (1.23N)	200g (1.96N)	125g (1.23N)	200g (1.96N)	200g (1.96N)	200g (1.96N)
回复力	RF min.	50g (0.49N)	50g (0.49N)	14g (0.14N)	6g (0.06N)	14g (0.14N)	50g (0.49N)	14g (0.14N)	50g (0.49N)	50g (0.49N)	50g (0.49N)
预行程	PT max.	1.2mm	1.2mm	2.8mm	6.0mm	2.8mm	1.2mm	3.0mm	1.2mm	1.2mm	1.2mm
超行程	OT min.	0.6mm	0.6mm	1.0mm	2.6mm	1.0mm	0.8mm	1.2mm	0.6mm	0.6mm	0.6mm
差行程	ΔD max.	0.3mm	0.5mm	0.8mm	2.0mm	0.8mm	0.5mm	0.8mm	0.3mm	0.3mm	0.3mm
动作位置	OP	14.7±0.5mm	15.2±0.5mm	15.2±1.2mm	15.2±2.8mm	18.3±1.2mm	20.5±0.6mm	20.5±1.2mm	14.7±0.5mm	14.7±0.5mm	14.7±0.5mm

形式	Model	XV-15-2C25	XV-152-2C25	XV-155-2C25	XV-156-2C25
动作力	OF max.	400g (3.92N)	200g (1.96N)	400g (3.92N)	250g (2.45N)
回复力	RF min.	80g (0.78N)	50g (0.49N)	80g (0.78N)	60g (0.59N)
预行程	PT max.	1.2mm	3.0mm	1.2mm	2.8mm
超行程	OT min.	0.6mm	0.8mm	0.6mm	1.6mm
差行程	ΔD max.	0.5mm	1.8mm	0.5mm	1.6mm
动作位置	OP	14.7±0.4mm	15.6±0.8mm	21.3±0.6mm	22.6±1.2mm

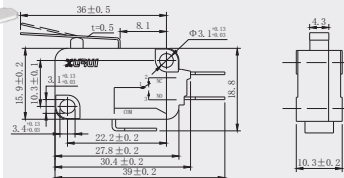
按钮型
XV-15-1C25



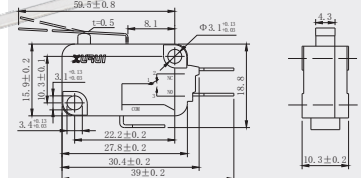
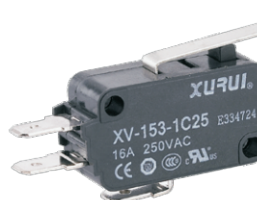
·枢轴短手柄型
XV-151-1C25



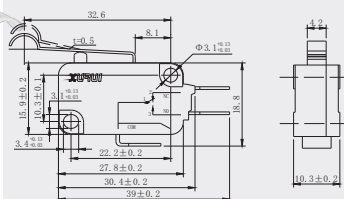
·枢轴手柄型
XV-152-1C25



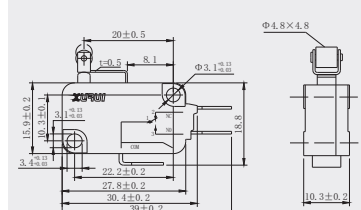
·枢轴长手柄型
XV-153-1C25



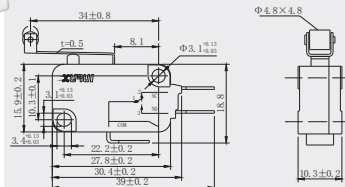
·枢轴R手柄型
XV-154-1C25



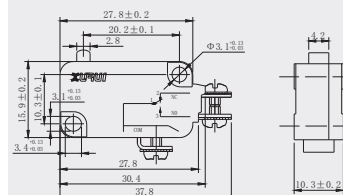
·枢轴滚筒短手柄型
XV-155-1C25



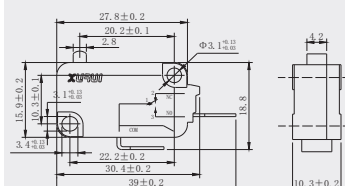
·枢轴滚筒手柄型
XV-156-1C25



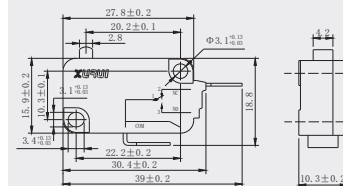
·螺丝端子型
XV-15-1B5



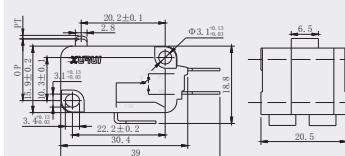
·常开型
XV-15-1A25



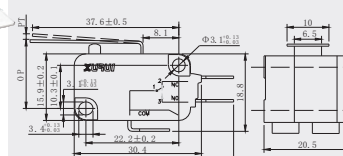
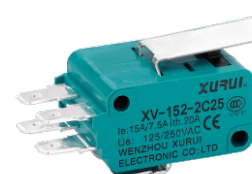
·常闭型
XV-15-1B25



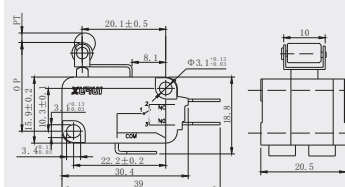
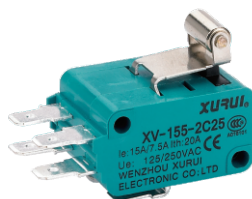
·组合按钮型
XV-15-2C25



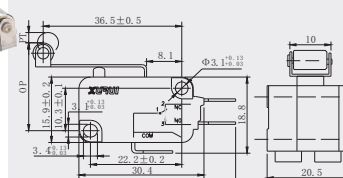
·组合枢轴手柄型
XV-152-2C25



·组合滚筒短手柄型
XV-155-2C25



·组合枢轴滚筒手柄型
XV-156-2C25



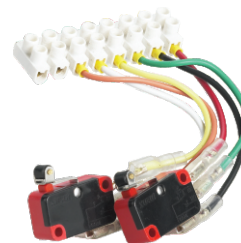
·其它Others



XV-15-F6A-2



DS438x-2



XV-155-1C25组合

- 采用热固性或热塑性塑料外壳;
- 具有微小触点间隙, 动作快速、高灵敏和微小行程;
- 配备各种形式的驱动手柄;
- 广泛应用于各种家用电器、电子设备、自动化设备、通讯设备、汽车电子、仪器仪表等领域。
- Adopt thermosetting plastic or thermoplastic;
- Small contact gap, snap action, high sensitivity and small operating travel;
- Variety of levers;
- Widely used in appliance, electronic equipment, automatic machine, communication equipment, car electric, apparatus and instrument, electro motion tool etc.

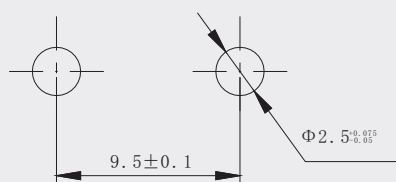
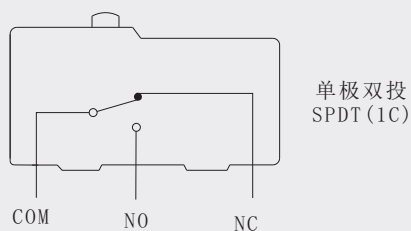


□型号含义 Model & Meanings

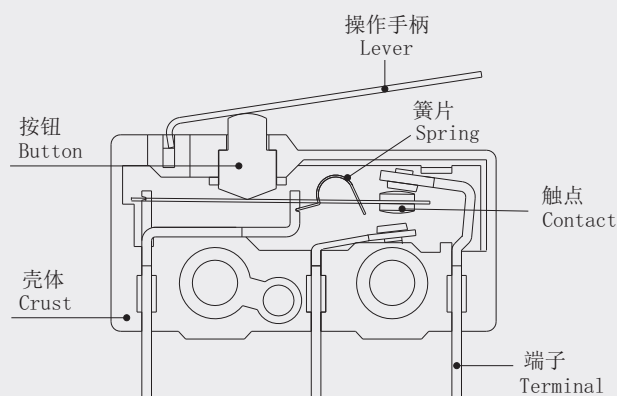
X SS - 5 GL2

传动轴类型 Drive Type
 无: 按钮型 Pin plunger type
 GL: 枢轴手柄型 Straight lever type
 GL2: 枢轴滚筒手柄型 Short roller lever type
 GL13: 枢轴R手柄型 Simulated R lever type
 GL14: 枢轴刃形手柄型 Knife-edge lever type
 额定电流 Rating Current
 微动开关类型 Micro Switch Type Code
 企业代号 Company Code

□触点形式及安装孔尺寸 Contact Form



□产品结构图 Product Structure

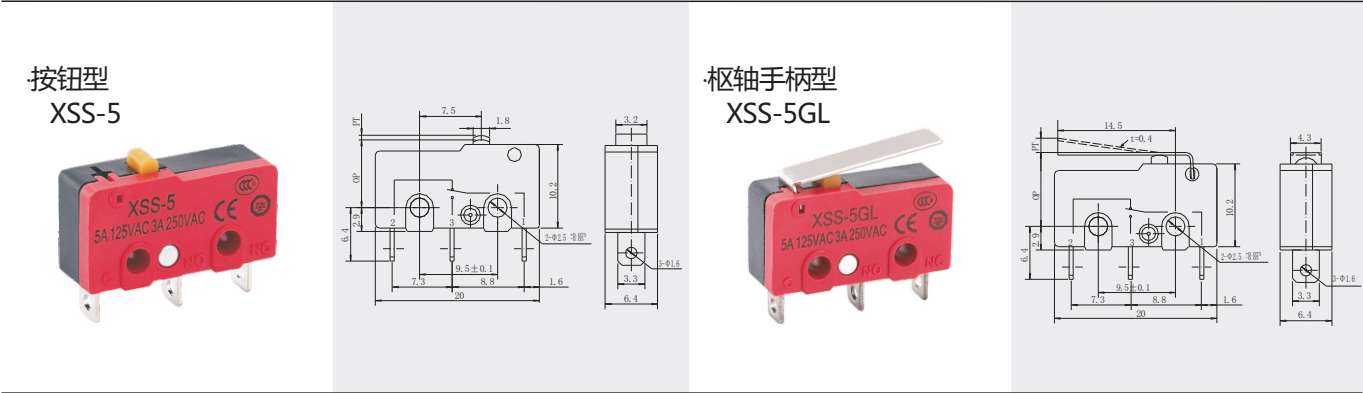


性能参数 Specification

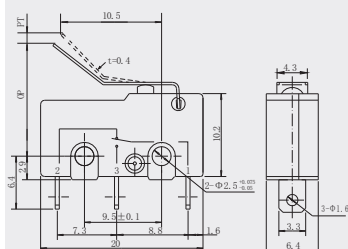
项 目	Item			参数值	Data
额定负荷	Rating load			5A/125VAC, 3A/250VAC	
操作速度	Operation speed			0.1mm-1m/s	
操作频率	Operation frequency	机 械	Mechanical	400次/分 400times/min	
		电 气	Electrical	30次/分 30times/min	
绝缘电阻	Insulation resistance			100mΩ 以上 (Above) DC500V	
接触电阻	Contact resistance			30mΩ 初值 initial value)	
介质耐压	Withstand voltage	非 连 线	Non-connection wire	1000VAC	
		各端子间	Every terminal	1500VAC	
振 动	Vibration	误 动 作	Misoperation	10-55Hz 复振幅 Amplitude 1.5mm	
冲 击	Impact	耐 久	Durable	1000m/s ²	
		误 动 作	Misoperation	300m/s ²	
寿 命	Life	电 气	Electrical	100,000次以上 above	
		机 械	Mechanical	1,000,000次以上 above	
防护等级	Protection degree			IP40	
使用温度	Operating temperature			-25~+80℃	
使用湿度	Operating humidity			<85%	

外形尺寸/动作特性 Dimensions/Operating Characteristics

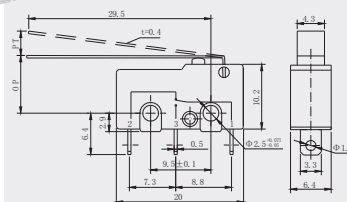
形式 Models	XSS-5	XSS-5GL	XSS-5GL-2	XSS-5GL-3	XSS-5GL2	XSS-5GL13	XSS-5GL13-2	XSS-5GL14	DS428
动作力 OF max.	160g (1.57N)	70g (0.7N)	90g (0.9N)	20g (0.2N)	70g (0.7N)	70g (0.7N)	70g (0.7N)	80g (0.78N)	160g (1.57N)
回复力 RF min.	25g (0.25N)	10g (0.1N)	14g (0.14N)	5g (0.05N)	10g (0.1N)	10g (0.1N)	10g (0.1N)	10g (0.1N)	25g (0.25N)
预行程 PT max.	0.6mm	2.2mm	1.6mm	4.0mm	2.6mm	2.8mm	2.0mm	2.2mm	0.6mm
超行程 OT min.	0.5mm	0.5mm	0.8mm	0.6mm	0.8mm	0.8mm	0.8mm	1.6mm	0.5mm
差行程 MD max.	0.3mm	0.5mm	0.5mm	0.6mm	0.8mm	0.8mm	0.8mm	0.4mm	0.3mm
动作位置 OP	8.4±0.5mm	8.8±0.6mm	15.2±0.5mm	9.0±1.2mm	14.5±0.5mm	10.1±0.6mm	12.5±0.6mm	25.1±0.8mm	14.7±0.4mm



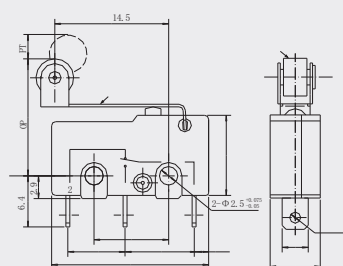
·枢轴手柄型
XSS-5GL-2



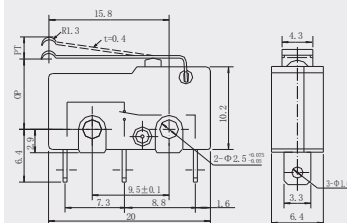
·枢轴手柄型
XSS-5GL-3



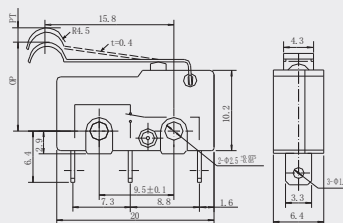
·枢轴滚筒手柄型
XSS-5GL2



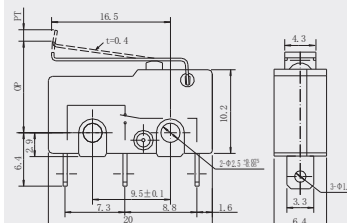
·枢轴R手柄型
XSS-5GL13



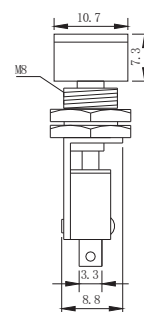
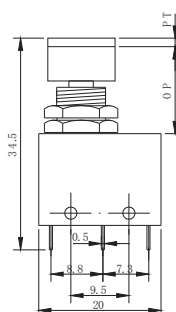
·枢轴R手柄型
XSS-5GL13-2



·枢轴刀形手柄型
XSS-5GL14



·按键型
DS428



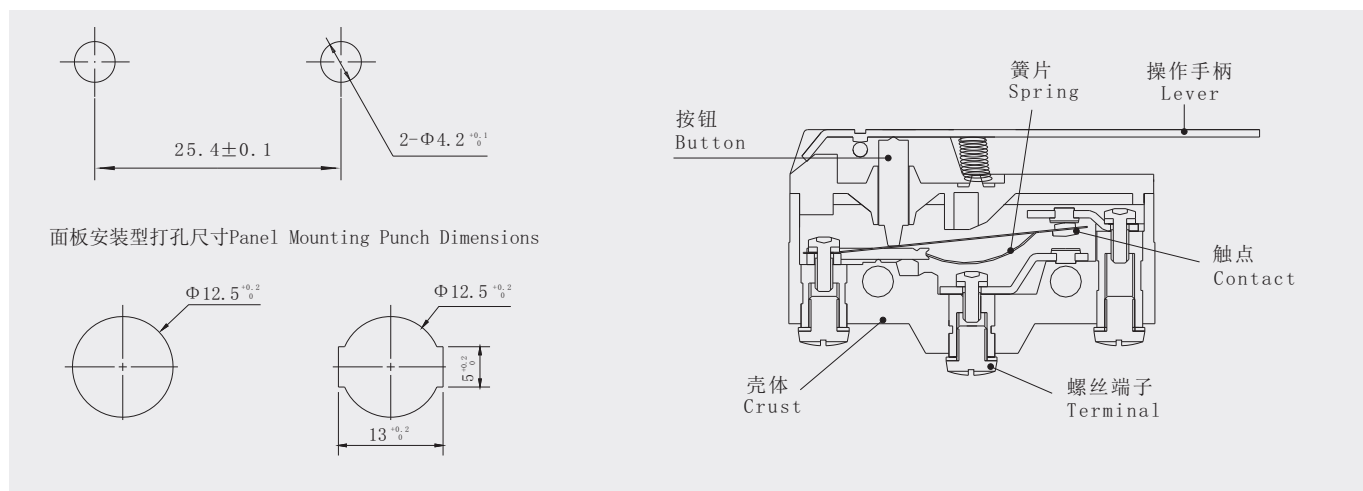
- 采用耐高温的酚醛模塑料外壳;
- 具有微小触点间隙, 动作快速、高灵敏和微小行程;
- 配备各种形式的驱动手柄;
- 广泛应用于各种家用电器、电子设备、自动化设备、通讯设备、汽车电子、仪器仪表等领域。
- Adopt thermostable phenolic plastic crust;
- Small contact gap, snap action, high sensitivity and small operating travel;
- Variety of levers;
- Widely used in appliance, electronic equipment, automatic machine, communication equipment, car electric, apparatus and instrument, electro motion tool etc.



□ 型号含义 Model & Meanings

X	Z	- 15	G	- B
				端子形式 Terminal Form
				传动轴类型 Drive shaft Type
			G:	按钮型 Pin plunger type
			GD:	面板安装式短按钮型 Short reed plunger type
			GS:	簧片细按钮型 Slim reed plunger type
			GQ:	面板安装式长按钮型 Panel mount plunger type
			GQ21:	面板安装式交叉滚筒按钮型 Panel mount cross roller plunger type
			GQ22:	面板安装式滚筒按钮型 Panel mount roller plunger type
			GW:	枢轴手柄型 Hinge lever type
			GW2:	枢轴滚筒手柄型 Hinge roller lever type
			GW22:	枢轴滚筒短手柄型 Short hinge roller lever type
			GW2277:	单向动作枢轴滚筒手柄型 Unidirectional hinge roller lever type
			HW24:	枢轴长手柄型 Long steel wire lever type
			HW52:	枢轴钢丝手柄型 Steel wire lever type
			HW78:	枢轴钢丝长手柄型 Long steel wire lever type
				额定电流 Rating Current
				微动开关代号 Microswitch Type Code
				企业代号 Company Code

□ 安装孔加工尺寸及产品结构图 Mounting Hole Dimensions & Product Structure



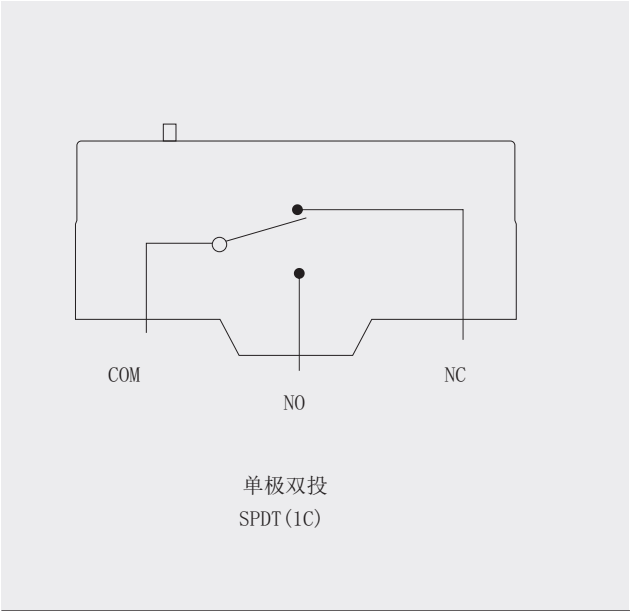
性能参数 Specification

项 目 Item	参数值 Data	
操作速度 Operating speed	1mm-1m/s	
操作频率 Operating frequency	机 械 Mechanical	240次/分 240 times/min
	电 气 Electrical	20次/分 20 times/min
绝缘电阻 Insulation resistance	100MΩ 以上 (Above) DC500V	
接触电阻 Contact resistance	25mΩ (初值 initial value)	
介质耐压 Withstand voltage	非 连 线 Non-connection wire	1000VAC
	各端子间 Every terminal	1500VAC
振 动 Vibration	误 动 作 Misoperation	10-55Hz 复振幅 Amplitude 1.5mm
冲 击 Impact	耐 久 Durable	1000m/s ²
	误 动 作 Misoperation	300m/s ²
寿 命 Life	电 气 Electrical	100,000次以上 above
	机 械 Mechanical	1,000,000次以上 above
防护等级 Protection degree	IP40	
使用温度 Operating temperature	-25~+80℃	
使用湿度 Operating humidity	<85%	

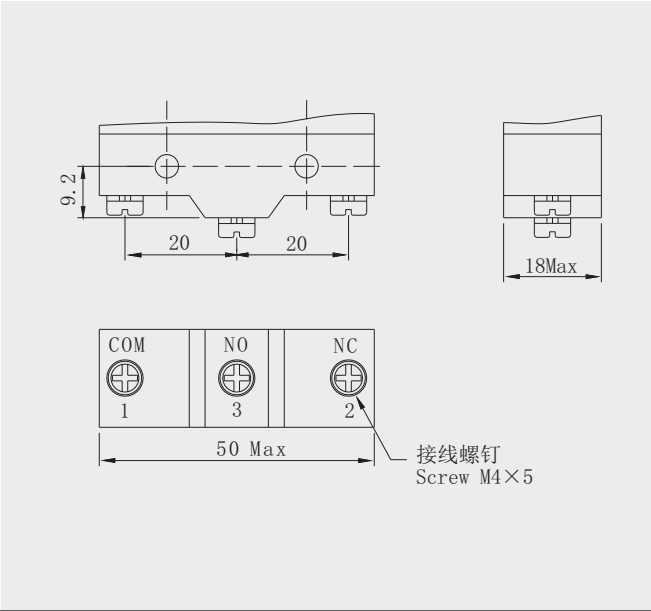
额定值 Rating

额定电压Ue (V)	额定电流Ie (A)	发热电流Ith (A)
AC-250	15	20
AC-125	15	20
DC-250	0.3	0.45
DC-125	0.6	0.75

触点形式 Contact Form



端子形式 Terminal Form



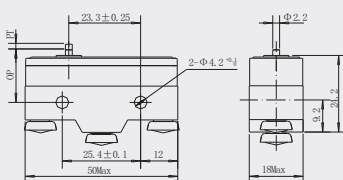
□ 外形尺寸/动作特性 Dimensions/Operating Characteristics

形式	Models	XZ-15G-B	XZ-15GD-B	XZ-15GS-B	XZ-15GW-B	XZ-15GW2-B	XZ-15GW3-B	XZ-15W21-B	XZ-15W22-B	XZ-15W22Z7-B	XZ-15GL-B
动作力	OF max.	250-350g (2.45-3.43N)	250-350g (2.45-3.43N)	350-450g (3.43-4.41N)	80g (0.78N)	120g (1.18N)	120g (1.18N)	160g (1.57N)	180g (1.76N)	160g (1.57N)	120g (1.18N)
回复力	RF min.	114g (1.12N)	114g (1.12N)	114g (1.12N)	14g (0.14N)	25g (0.25N)	25g (0.25N)	25g (0.25N)	42g (0.41N)	42g (0.41N)	15g (0.15N)
预行程	PT max.	0.5mm	0.5mm	0.8mm	8mm	6mm	4mm	4mm	3.2mm	2.6mm	3.6mm
超行程	OT min.	0.2mm	1.6mm	1.6mm	3.6mm	3mm	3mm	2mm	1.6mm	2mm	1.0mm
差行程	MD max.	0.1mm	0.1mm	0.5mm	1.2mm	0.8mm	0.6mm	0.5mm	0.5mm	0.5mm	0.5mm
动作位置	OP	15.9±0.4mm	21.5±0.5mm	28.2±0.8mm	19±0.8mm	30.2±0.8mm	30.2±0.8mm	19±0.8mm	30.2±0.4mm	42±0.8mm	16±0.8mm

形式	Models	XZ-15GL2-B	XZ-15GQ-B	XZ-15Q21-B	XZ-15Q22-B	XZ-15HW52-B	XZ-15HW78-B	XZ-15HW24-B	XZ-15AB
动作力	OF max.	150g (1.47N)	350-450g (3.43-4.41N)	350-450g (3.43-4.41N)	350-450g (3.43-4.41N)	50g (0.49N)	30g (0.29N)	50g (0.49N)	1000g (9.8N)
回复力	RF min.	14g (0.14N)	114g (1.12N)	114g (1.12N)	114g (1.12N)	6g (0.06N)	5g (0.05N)	6g (0.06N)	100g (0.98N)
预行程	PT max.	3.6mm	0.5mm	0.5mm	0.5mm	10mm	20mm	18mm	3.6mm
超行程	OT min.	1.0mm	5mm	4mm	4mm	5mm	10mm	10mm	0.05mm
差行程	MD max.	0.8mm	0.1mm	0.1mm	0.1mm	2mm	3mm	2mm	2mm
动作位置	OP	28.5±0.8mm	21.5±0.8mm	32.1±1.2mm	32.1±1.2mm	19±1.2mm	19±1.6mm	19±1.6mm	19.5±0.8mm

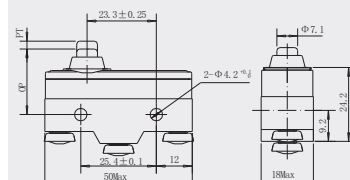
按钮型

XZ-15G-B



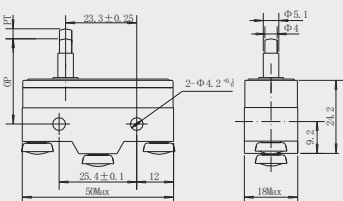
簧片短按钮型

XZ-15GD-B



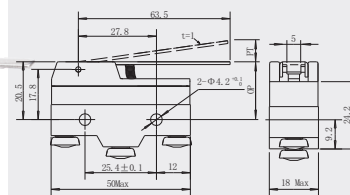
簧片细按钮型

XZ-15GS-B



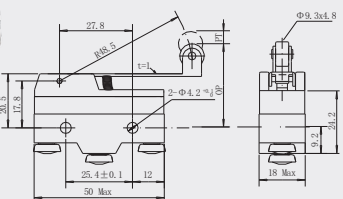
枢轴手柄型

XZ-15GW-B



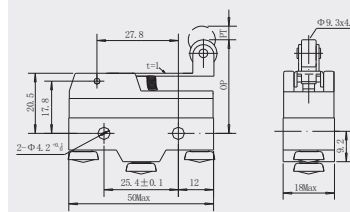
枢轴滚筒手柄型

XZ-15GW2-B

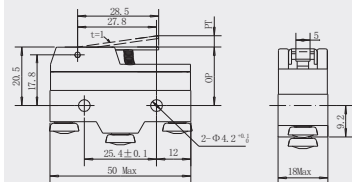


枢轴滚筒手柄型

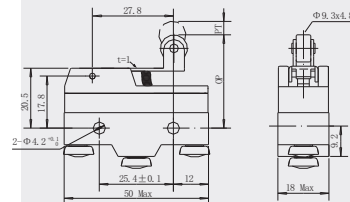
XZ-15GW3-B



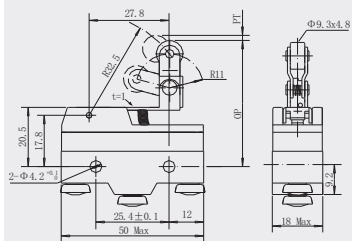
·枢轴短手柄型
XZ-15GW21-B



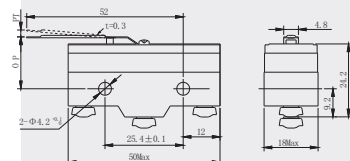
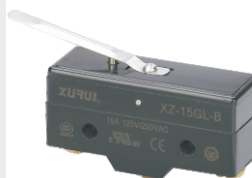
·枢轴滚筒短手柄型
XZ-15GW22-B



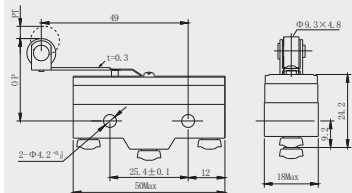
·单方向动作枢轴滚筒手柄型
XZ-15GW2277-B



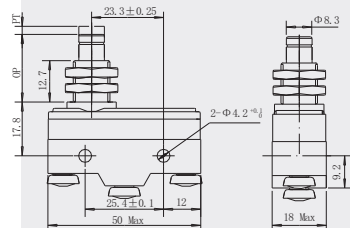
·枢轴反向手柄型
XZ-15GL-B



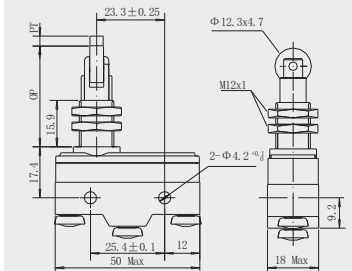
·枢轴反向滚筒手柄型
XZ-15GL2-B



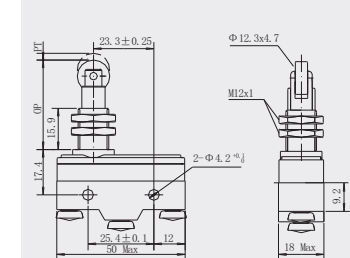
·面板安装按钮型
XZ-15GQ-B



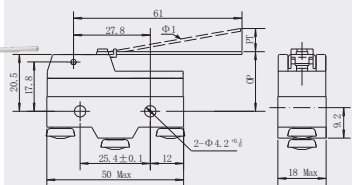
·面板安装交叉滚筒按钮型
XZ-15GQ21-B



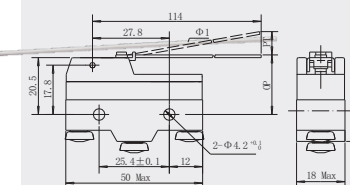
·面板安装滚筒按钮型
XZ-15GQ22-B



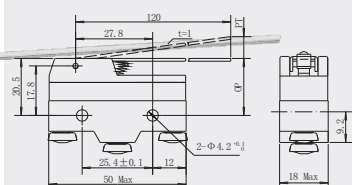
·微量枢轴钢丝手柄型
XZ-15HW52-B



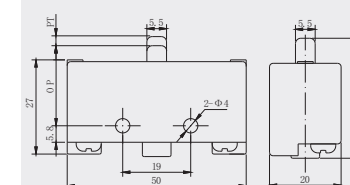
·微量枢轴钢丝长手柄型
XZ-15HW78-B



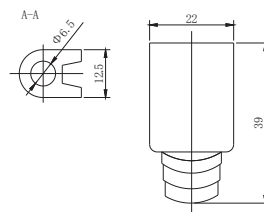
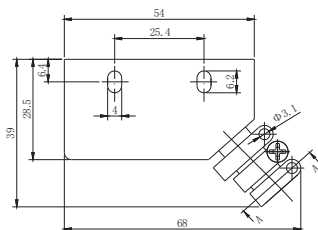
·微量枢轴钢丝长手柄型
XZ-15HW24-B



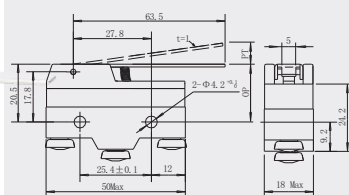
·一开一闭按钮型
XZ-15AB



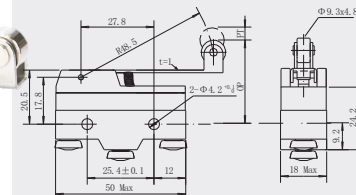
·护套 Protection Cap
XZ-15-HT



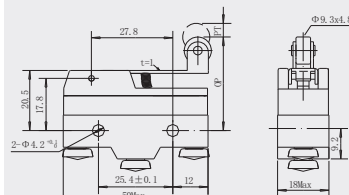
·枢轴手柄型
XZ-15GW-B



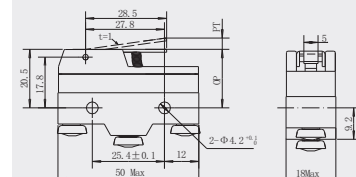
·枢轴滚筒手柄型
XZ-15GW2-B



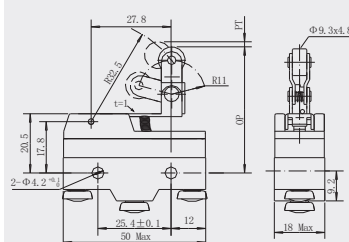
·枢轴滚筒手柄型
XZ-15GW3-B



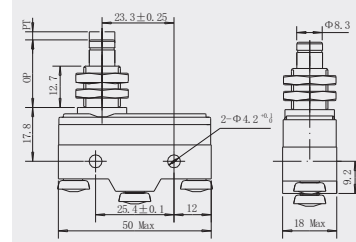
·枢轴短手柄型
XZ-15GW21-B



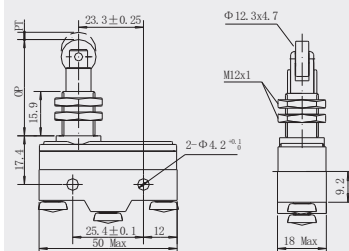
·单方向动作枢轴滚筒手柄型
XZ-15GW2277-B



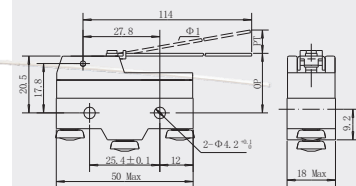
·面板安装按钮型
XZ-15GQ-B



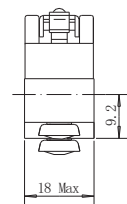
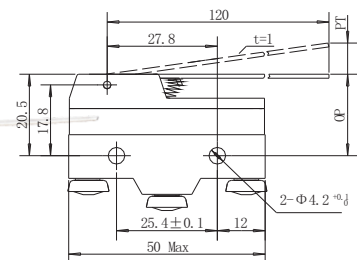
·面板安装滚筒按钮型
XZ-15GQ22-B



·微量枢轴钢丝长手柄型
XZ-15HW78-B



·微量枢轴钢丝长手柄型
XZ-15HW24-B



- 采用强化塑胶外壳，辅助密封式结构，具有更好的机械强度以及防油防尘；
 - 侧面固定形式，接点敏捷；
 - 配备各种形式的驱动连杆；
 - 广泛应用于各种机械设备、自动化设备、仪器仪表等领域。
- Adopt outer shell with intensive plastic and sealed construction, better mechanical strength and water-proof and oil-proof;
 - Side fixed form and swift contact;
 - Variety of levers;
 - Widely used in Mechanical equipment ,automatic machine, and instrument, electro motion tool etc.

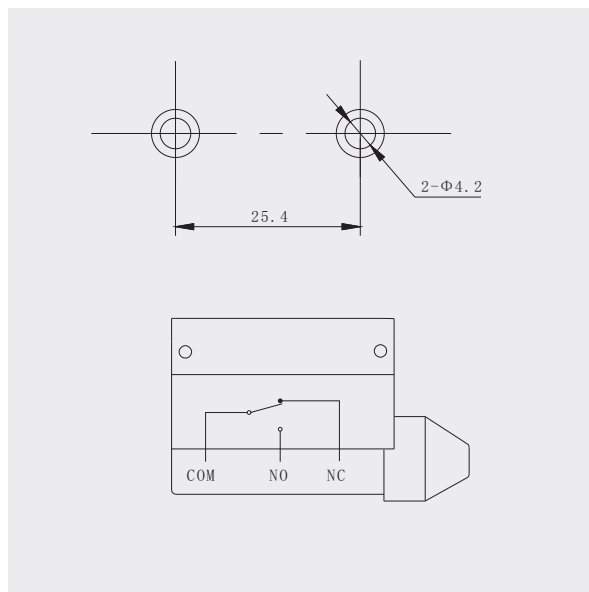


□ 型号含义 Model & Meanings

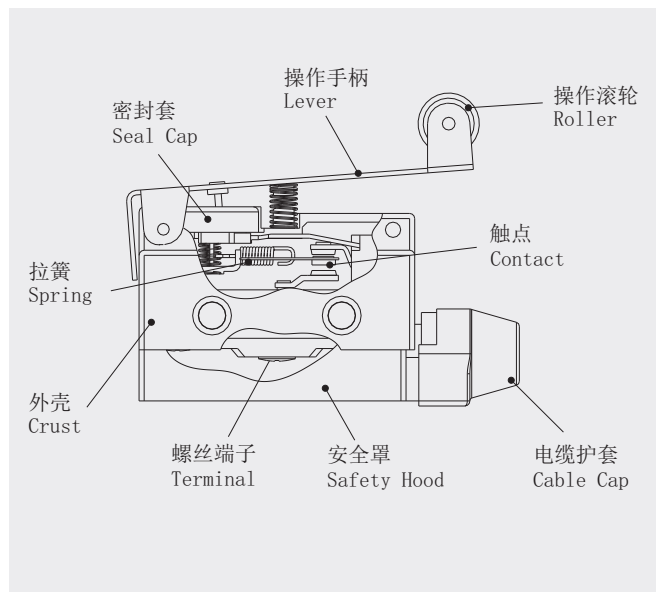
X Z - 7 100

- 传动类型 Drive Shaft Type
- 100: 按钮型 Pin plunger type
 - 110: 长按钮型 Long plunger type
 - 120: 枢轴手柄型 Hinge lever type
 - 121: 枢轴滚筒手柄型 Hinge roller lever type
 - 140: 枢轴短手柄型 Short lever type
 - 141: 枢轴滚筒短手柄型 Short roller lever type
 - 144: 单方向动作枢轴滚筒手柄型 Unidirectional hinge roller lever type
- 设计类型 Design Type
- 310: 面板安装按钮型 Panel mount plunger type
 - 311: 面板安装滚筒按钮型 Panel mount roller plunger type
 - 312: 面板安装交叉滚筒按钮型 Panel mount cross roller plunger type
 - 166: 万向塑料端头弹簧摇杆型 Plastic end flexible spring rod type
- 开关代号 Switch Type Code
- 企业代号 Company Code

□ 安装孔尺寸及触点形式 Mounting Holes & Contact Form



□ 产品结构图 Product Structure



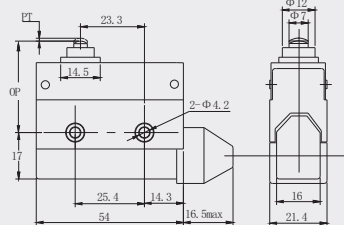
□ 性能参数 Specification

项 目	Item	参数值 Data		
额定负荷	Rating load	10A/250VAC		
操作速度	Operation speed	0.1mm-50cm/s		
操作频率	Operation frequency	机 械	Mechanical	120次/分 120times/min
		电 气	Electrical	20次/分 20times/min
绝缘电阻	Insulation resistance	100mΩ 以上 (Above) DC500V		
接触电阻	Contact resistance	25mΩ 初值 initial value)		
介质耐压	Withstand voltage	非 连 线	Non-connection wire	1000VAC
		各端子间	Every terminal	1500VAC
振 动	Vibration	误 动 作	Misoperation	10-55Hz 复振幅 Amplitude 1.5mm
冲 击	Impact	耐 久	Durable	1000m/s ²
		误 动 作	Misoperation	300m/s ²
寿 命	Life	电 气	Electrical	100,000次以上 above
		机 械	Mechanical	1,000,000次以上 above
防护等级	Protection degree	IP65		
使用温度	Operating temperature	-10~+80℃		
使用湿度	Operating humidity	<85%		

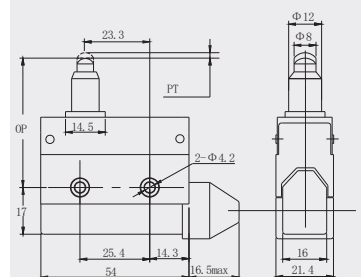
□ 外形尺寸/动作特性 Dimensions/Operating Characteristics

形式 Models	XZ7-100	XZ7-110	XZ7-120	XZ7-121	XZ7-140	XZ7-141	XZ7-144	XZ7-310	XZ7-311	XZ7-312	XZ7-166
动作力 OF max.	950g (9.31N)	500g (4.9N)	100g (0.98N)	130g (1.27N)	160g (1.57N)	160g (1.57N)	250g (2.45N)	400g (3.92N)	400g (3.92N)	400g (3.92N)	150g (1.47N)
回复力 RF min.	200g (1.96N)	100g (0.98N)	20g (0.2N)	22g (0.22N)	25g (0.25N)	25g (0.25N)	40g (0.39N)	60g (0.59N)	60g (0.59N)	60g (0.59N)	
预行程 PT max.	1.8mm	2mm	6mm	8.5mm	4mm	4.8mm	5mm	2mm	2mm	2mm	20mm
超行程 OT min.	0.5mm	5mm	4mm	3.2mm	2mm	3mm	4mm	4mm	4mm	4mm	
差行程 ΔD max.	0.5mm	0.8mm	2.6mm	2mm	1.5mm	2mm	4mm	1mm	1mm	1mm	
动作位置 OP	30.8±0.6mm	48±0.8mm	27±1mm	40±1mm	24.5±1mm	40±1mm	51.5±1mm	23±1.2mm	33.5±1.2mm	33.5±1.2mm	

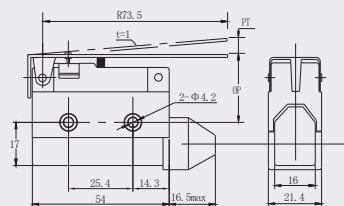
·按钮型
XZ7-100



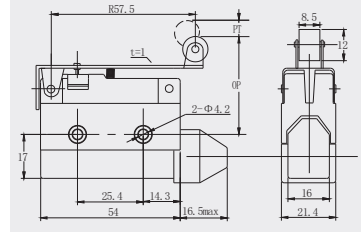
·长按钮型
XZ7-110



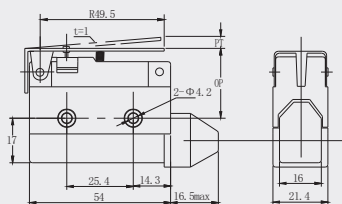
·枢轴手柄型
XZ7-120



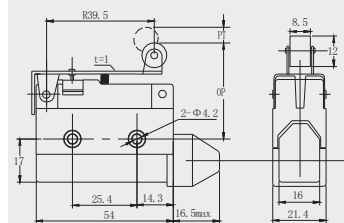
·枢轴滚筒手柄型
XZ7-121



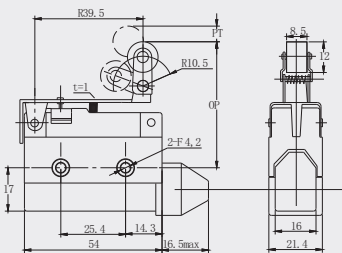
·枢轴短手柄型
XZ7-140



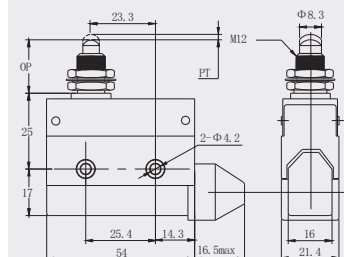
·枢轴滚筒短手柄型
XZ7-141



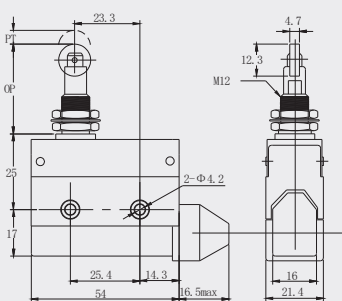
·单方向动作枢轴滚筒手柄型
XZ7-144



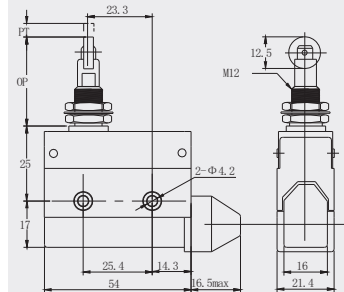
·面板安装按钮型
XZ7-310



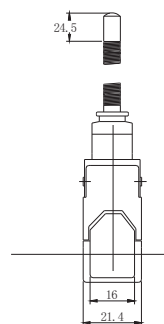
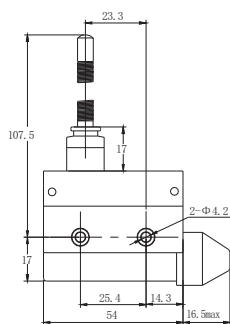
·面板安装滚筒按钮型
XZ7-311



·面板安装交叉滚筒按钮型
XZ7-312



·万向式塑料端头弹簧摇杆型
XZ7-166



- 外壳由强化塑胶与锌合金组成，结构坚固，容易配线；
- 体积小，可防水、防油；
- 采用双回路形式，内置双簧片微动开关；
- 配备各种形式的驱动连杆；
- 广泛应用于各种机械设备、自动化设备、仪器仪表等领域。

- Strong structure, made of zinc metal alloy and plastics, easy to contact line;
- Small size, water and oil resistant;
- Double way switch, double spring inner switch;
- Variety of levers;
- Widely used in Mechanical equipment, automatic machine, and instrument, electro motion tool etc.



□ 型号含义 Model & Meanings

X Z - 8 /104

传动类型 Drive Shaft Type

104: 滚轮摆杆型 Roller arm type

107: 可调圆棒摆杆型 Adjustable rod lever type

108: 可调滚轮摆杆型 Adjustable roller arm type

111: 按钮直动型 Push plunger type

112: 滚轮按钮直动型 Roller plunger type

122: 交叉滚轮按钮直动型 Cross roller plunger type

166: 万向塑料端头弹簧摇杆型 Thermoplastic end flexible rod type

167: 万向弹簧摇杆型 Metal spring rod type

168: 万向金属端头弹簧摇杆型 Metal end flexible spring rod type

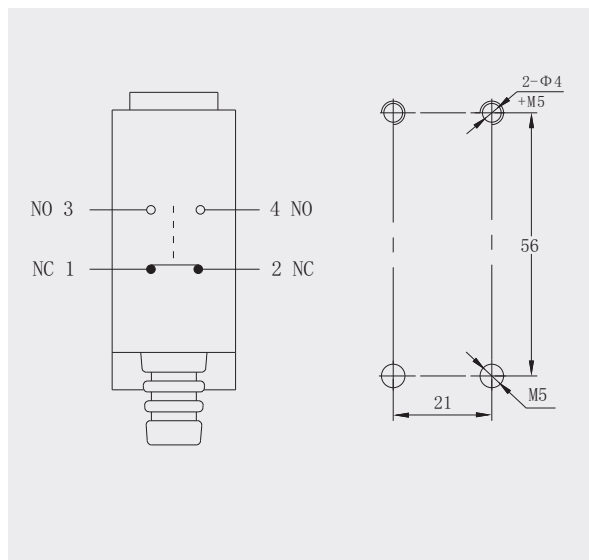
169: 万向触须端头弹簧摇杆型 Cat whisker type

设计类型 Design Type

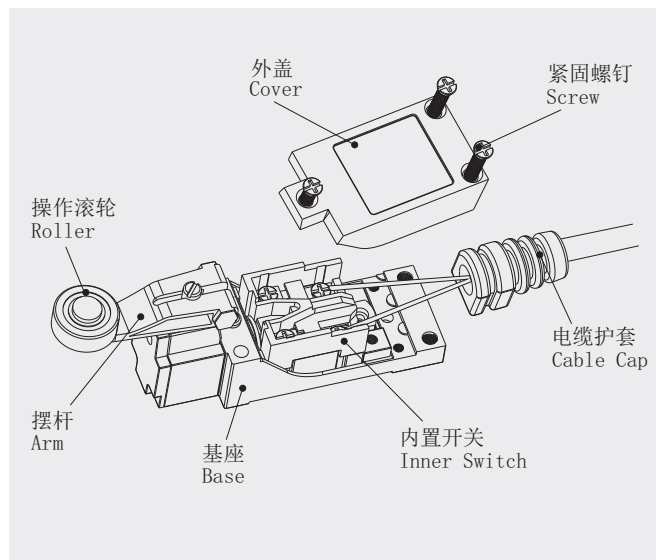
开关代号 Switch Code

企业代号 Company Code

□ 安装孔尺寸及触点形式 Mounting Holes & Contact Form



□ 产品结构图 Product Structure

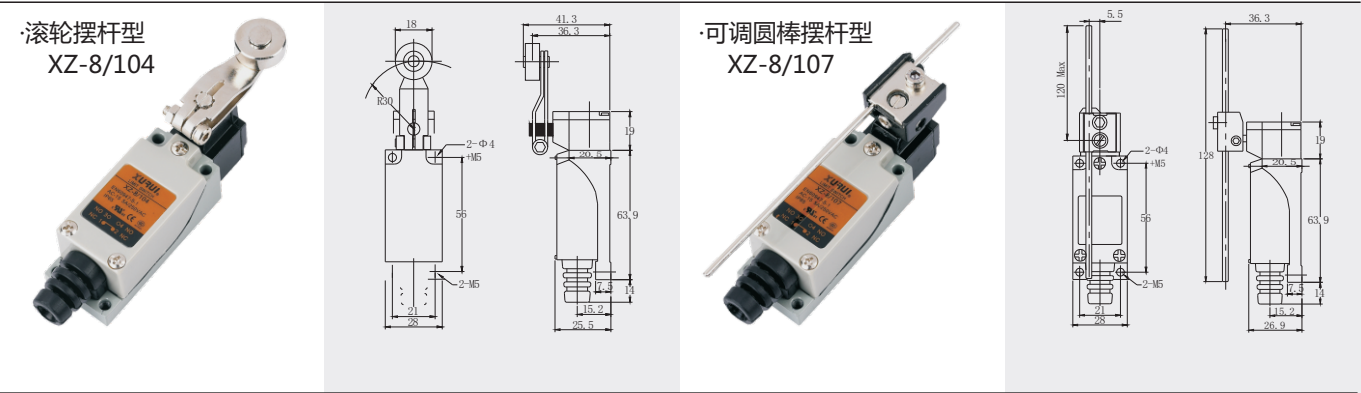


性能参数 Specification

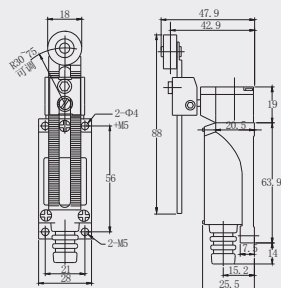
项 目	Item	参数值	Data
额定负荷	Rating load	5A/250VAC	
操作速度	Operation speed	5mm~50cm/s	
操作频率	Operation frequency	机 械	Mechanical
		电 气	Electrical
		120次/分	120times/min
		30次/分	30times/min
绝缘电阻	Insulation resistance	100mΩ 以上 (Above) DC500V	
接触电阻	Contact resistance	25mΩ 初值 initial value)	
介质耐压	Withstand voltage	非 连 线	Non-connection wire
		各端子间	Every terminal
		1000VAC	
		1500VAC	
振 动	Vibration	误 动 作	Misoperation
冲 击	Impact	耐 久	Durable
		误 动 作	Misoperation
寿 命	Life	电 气	Electrical
		机 械	Mechanical
		10~55Hz	复振幅 Amplitude 1.5mm
		1000m/s ²	
		300m/s ²	
		100,000次以上	above
		1,000,000次以上	above
防护等级	Protection degree	IP65	
使用温度	Operating temperature	-20~+60℃	
使用湿度	Operating humidity	<85%	

外形尺寸/动作特性 Dimensions/Operating Characteristics

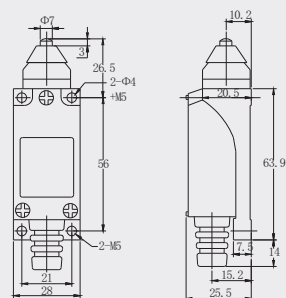
形式	Models	XZ-8/104	XZ-8/107	XZ-8/108	XZ-8/111	XZ-8/112	XZ-8/122	XZ-8/166	XZ-8/167	XZ-8/168	XZ-8/169
动作力	OF max.	700g (6.86N)	700g (6.86N)	800g (7.84N)	1100g (10.78N)	1100g (10.78N)	1100g (10.78N)	1000g (9.8N)	1000g (9.8N)	1000g (9.8N)	1000g (9.8N)
回复力	RF min.	60g (0.59N)	70g (0.69N)	60g (0.59N)	250g (2.45N)	250g (2.45N)	250g (2.45N)				
预行程	PI max.	30°	30°	30°	2mm	2mm	2mm	30mm	30mm	30mm	30mm
超行程	OT min.	60°	60°	60°	0.6mm	0.6mm	0.6mm				
差行程	MD max.	15°	15°	15°	1mm	1mm	1mm				
动作位置	OP				26±0.8mm	37±0.8mm	37±0.8mm				
总行程	TT	90°	90°	90°							



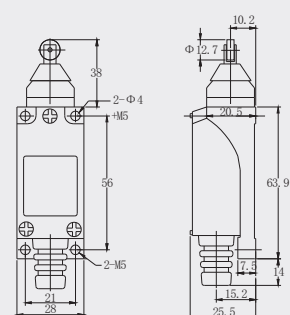
·可调滚轮摆杆型
XZ-8/108



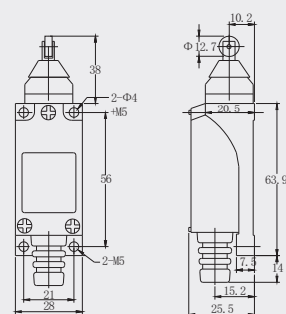
·按钮型
XZ-8/111



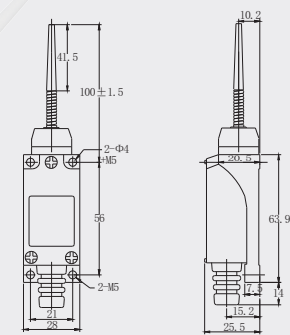
·滚轮按钮型
XZ-8/112



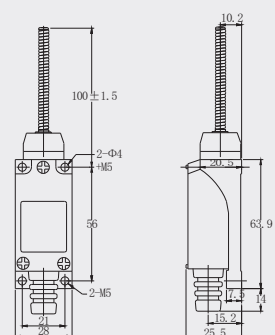
·交叉滚轮按钮型
XZ-8/122



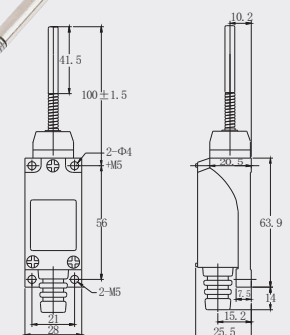
·万向式塑料端头弹簧摇杆型
XZ-8/166



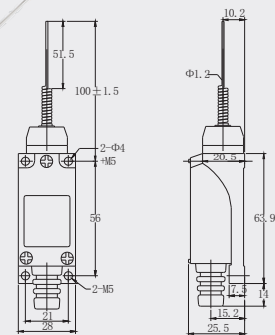
·万向式弹簧摇杆型
XZ-8/167



·万向式金属端头弹簧摇杆型
XZ-8/168



·万向式触须端头弹簧摇杆型
XZ-8/169

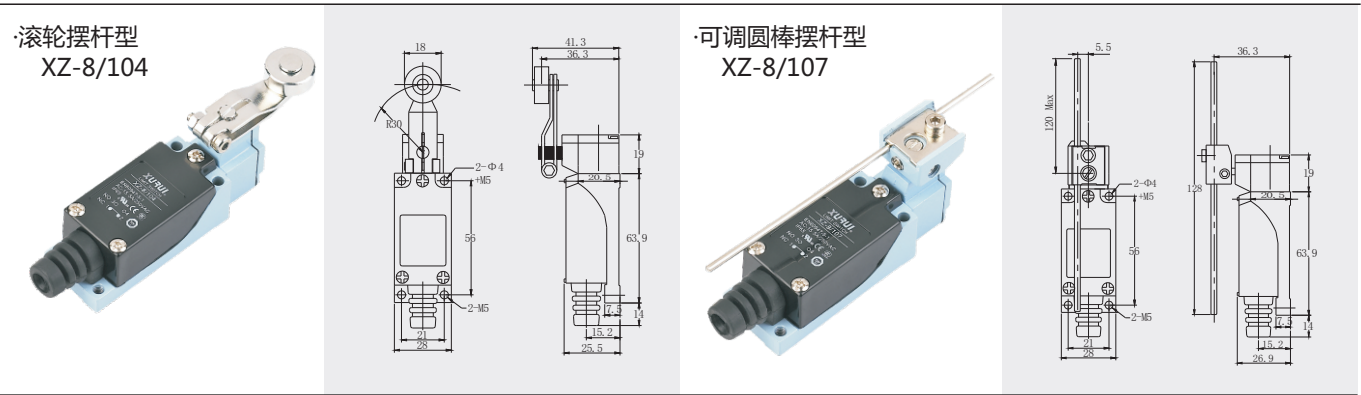


□ 性能参数 Specification

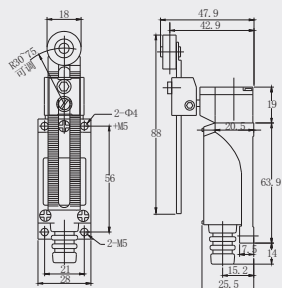
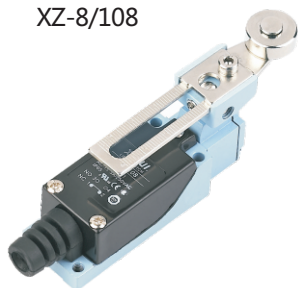
项 目	Item	参数值	Data
额定负荷	Rating load	5A/250VAC	
操作速度	Operation speed	5mm~50cm/s	
操作频率	Operation frequency	机 械 Mechanical	120次/分 120times/min
		电 气 Electrical	30次/分 30times/min
绝缘电阻	Insulation resistance	100mΩ 以上 (Above) DC500V	
接触电阻	Contact resistance	25mΩ 初值 initial value)	
介质耐压	Withstand voltage	非 连 线 Non-connection wire	1000VAC
		各端子间 Every terminal	1500VAC
振 动	Vibration	误 动 作 Misoperation	10~55Hz 复振幅 Amplitude 1.5mm
冲 击	Impact	耐 久 Durable	1000m/s ²
		误 动 作 Misoperation	300m/s ²
寿 命	Life	电 气 Electrical	100,000次以上 above
		机 械 Mechanical	1,000,000次以上 above
防护等级	Protection degree	IP65	
使用温度	Operating temperature	-20~+60℃	
使用湿度	Operating humidity	<85%	

□ 外形尺寸/动作特性 Dimensions/Operating Characteristics

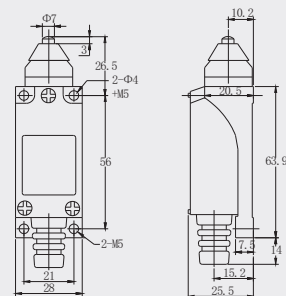
形式	Models	XZ-8/104	XZ-8/107	XZ-8/108	XZ-8/111	XZ-8/112	XZ-8/122	XZ-8/166	XZ-8/167	XZ-8/168	XZ-8/169
动作力	OF max.	700g (6.86N)	700g (6.86N)	800g (7.84N)	1100g (10.78N)	1100g (10.78N)	1100g (10.78N)	1000g (9.8N)	1000g (9.8N)	1000g (9.8N)	1000g (9.8N)
回复力	RF min.	60g (0.59N)	70g (0.69N)	60g (0.59N)	250g (2.45N)	250g (2.45N)	250g (2.45N)				
预行程	PI max.	30°	30°	30°	2mm	2mm	2mm	30mm	30mm	30mm	30mm
超行程	OT min.	60°	60°	60°	0.6mm	0.6mm	0.6mm				
差行程	MD max.	15°	15°	15°	1mm	1mm	1mm				
动作位置	OP				26±0.8mm	37±0.8mm	37±0.8mm				
总行程	TT	90°	90°	90°							



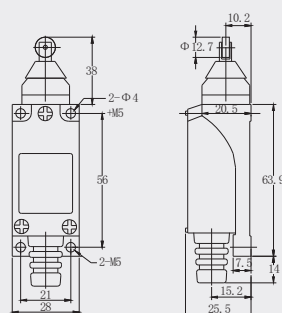
·可调滚轮摆杆型
XZ-8/108



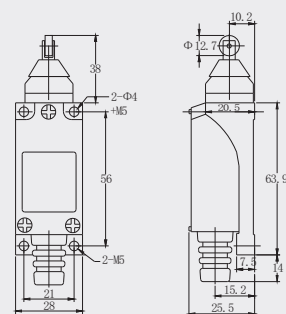
·按钮型
XZ-8/111



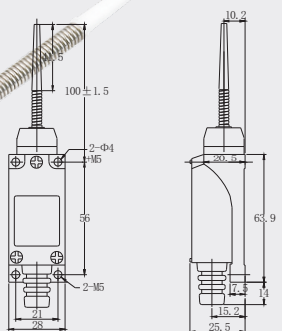
·滚轮按钮型
XZ-8/112



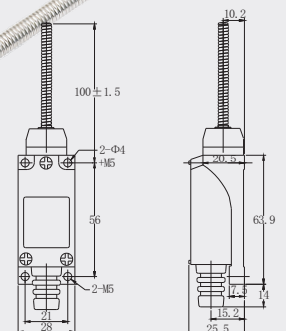
·交叉滚轮按钮型
XZ-8/122



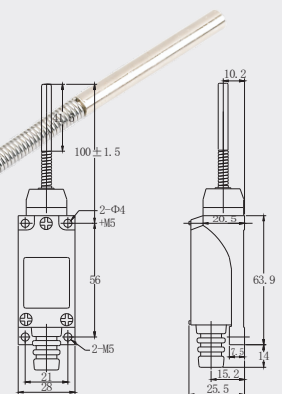
·万向式塑料端头弹簧摇杆型
XZ-8/166



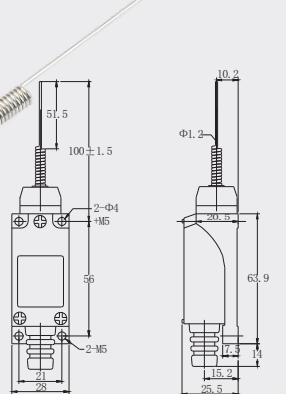
·万向式弹簧摇杆型
XZ-8/167



·万向式金属端头弹簧摇杆型
XZ-8/168



·万向式触须端头弹簧摇杆型
XZ-8/169



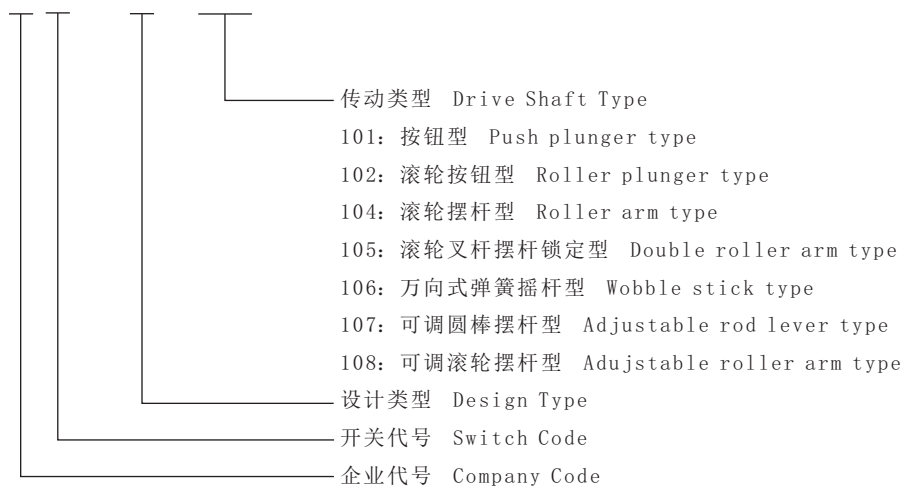
- 锌合金外壳，结构坚固，高机械强度；
- 具有防水、防油、防压等特点；
- 采用双回路形式，内置双簧片微动开关；
- 配备各种形式的驱动连杆；
- 广泛应用于各种机械设备、自动化设备、仪器仪表等领域。

- Strong Zinc cast outer shell, strong structure and high mechanical strength;
- Preventing oil, water and pressure;
- Double way switch, double spring inner switch;
- Variety of levers;
- Widely used in Mechanical equipment, automatic machine, and instrument, electro motion tool etc.

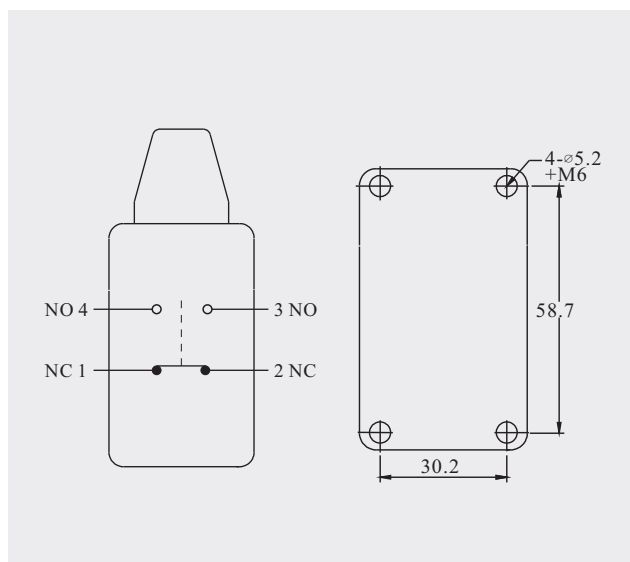


□ 型号含义 Model & Meanings

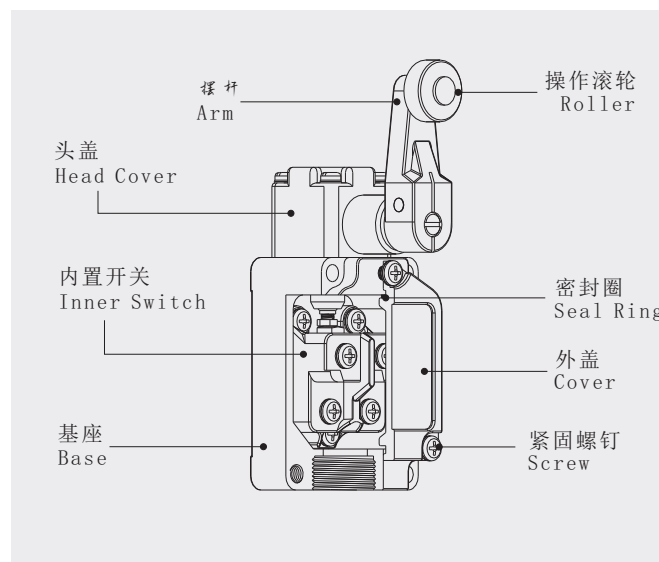
XZ - 5 / 101



□ 安装孔尺寸及触点形式 Mounting Holes & Contact Form



□ 产品结构图 Product Structure

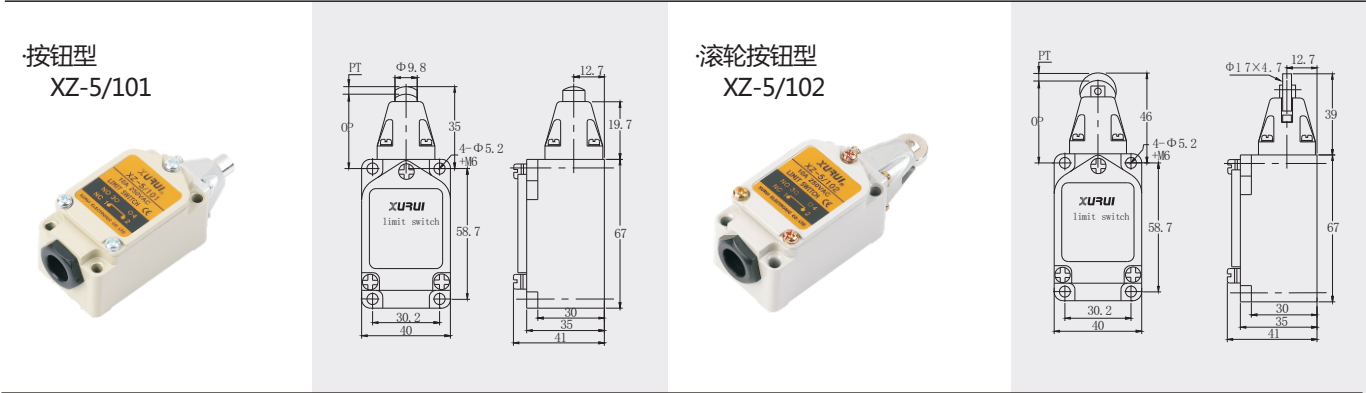


□ 性能参数 Specification

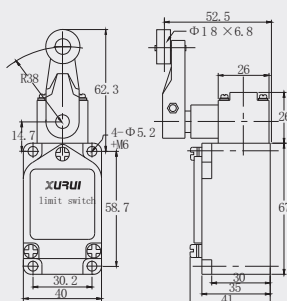
项 目	Item	参 数 值		Data
额定负荷	Rating load	10A/250VAC		
操作速度	Operation speed	1mm-1m/s		
操作频率	Operation frequency	机 械	Mechanical	120次/分 120times/min
		电 气	Electrical	30次/分 30times/min
绝缘电阻	Insulation resistance	100mΩ 以上 (Above) DC500V		
接触电阻	Contact resistance	25mΩ 初值 initial value)		
介质耐压	Withstand voltage	非 连 线	Non-connection wire	1000VAC
		各端子间	Every terminal	1500VAC
振 动	Vibration	误 动 作	Misoperation	10~55Hz 复振幅 Amplitude 1.5mm
冲 击	Impact	耐 久	Durable	1000m/s ²
		误 动 作	Misoperation	300m/s ²
寿 命	Life	电 气	Electrical	100,000次以上 above
		机 械	Mechanical	1,000,000次以上 above
防护等级	Protection degree	IP66		
使用温度	Operating temperature	-10~+80℃		
使用湿度	Operating humidity	<85%		

□ 外形尺寸/动作特性 Dimensions/Operating Characteristics

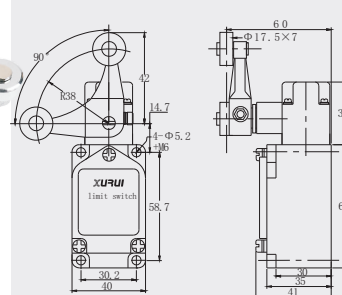
形式 Models	XZ-5/101	XZ-5/102	XZ-5/104	XZ-5/105	XZ-5/106	XZ-5/107	XZ-5/108
动作力 OF max.	2750g (26.95N)	2750g (26.95N)	1400g (13.72N)	1200g (11.76N)	150g (1.47N)	1400g (13.72N)	1400g (13.72N)
回复力 RF min.	900g (8.82N)	900g (8.82N)	220g (2.13N)			220g (2.13N)	220g (2.13N)
预行程 PT max.	1.7mm	2mm	45°	45°	22mm	30°	30°
超行程 OT min.	4mm	5mm	10°	10°		25°	25°
差行程 MD max.	1.2mm	1.5mm	20°	12°		20°	20°
动作位置 OP	34±0.8mm	44±0.8mm					
总行程 TT			55°	55°		55°	55°



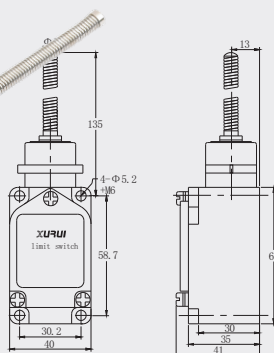
·滚轮摆杆型
XZ-5/104



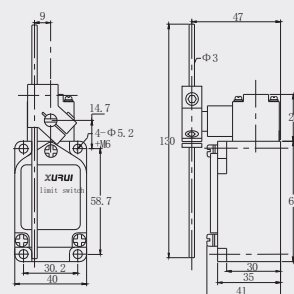
·滚轮叉杆摆杆锁定型
XZ-5/105



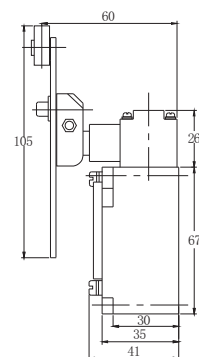
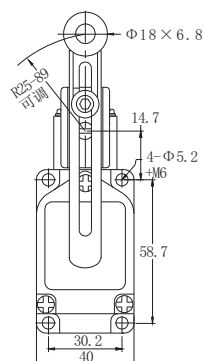
·万向式弹簧摇杆型
XZ-5/106



·可调圆棒摆杆型
XZ-5/107



·可调滚轮摆杆型
XZ-5/108



- 经济型塑料外壳，重量轻；
- 具有防水、防油、等特点；
- 采用双回路形式，内置双簧片微动开关；
- 配备各种形式的驱动连杆，选型方便；
- 广泛应用于各种机械设备、自动化设备、仪器仪表等领域。

- Economic plastic housing, light weight;
- Preventing oil and water ;
- Double way switch, double spring inner switch;
- Variety of levers;
- Widely used in Mechanical equipment ,automatic machine, and instrument, electro motion tool etc.



□ 型号含义 Model & Meanings

X Z - 9 101

传动类型 Drive Shaft Type

101/201: 按钮型 Push plunger type

102/202: 滚轮按钮型 Roller plunger type

103/203: 滚轮转臂按钮型 Roller lever type

104/204: 滚轮摆杆型 Roller arm type

105/205: 滚轮转臂按钮型 Roller lever type

106/206: 万向式触须端头弹簧摇杆型 Cat whisker type

107/207: 万向式塑料端头弹簧摇杆型 Plastic end flexible rod type

108/208: 可调滚轮摆杆型 Adjustable roller arm type

109/209: 万向式金属端头摇杆型 Wobble stick type

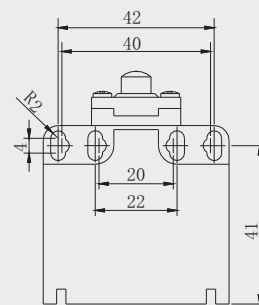
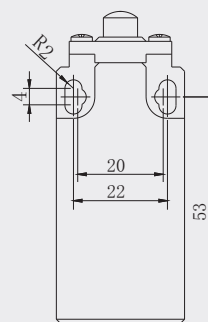
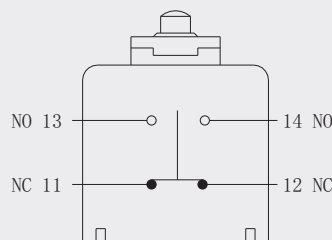
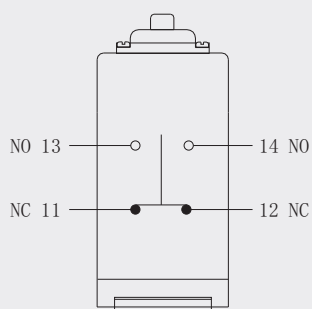
110/210: 可调大滚轮摆杆型 Adjustable big roller arm type

设计类型 Design Type

开关代号 Switch Code

企业代号 Company Code

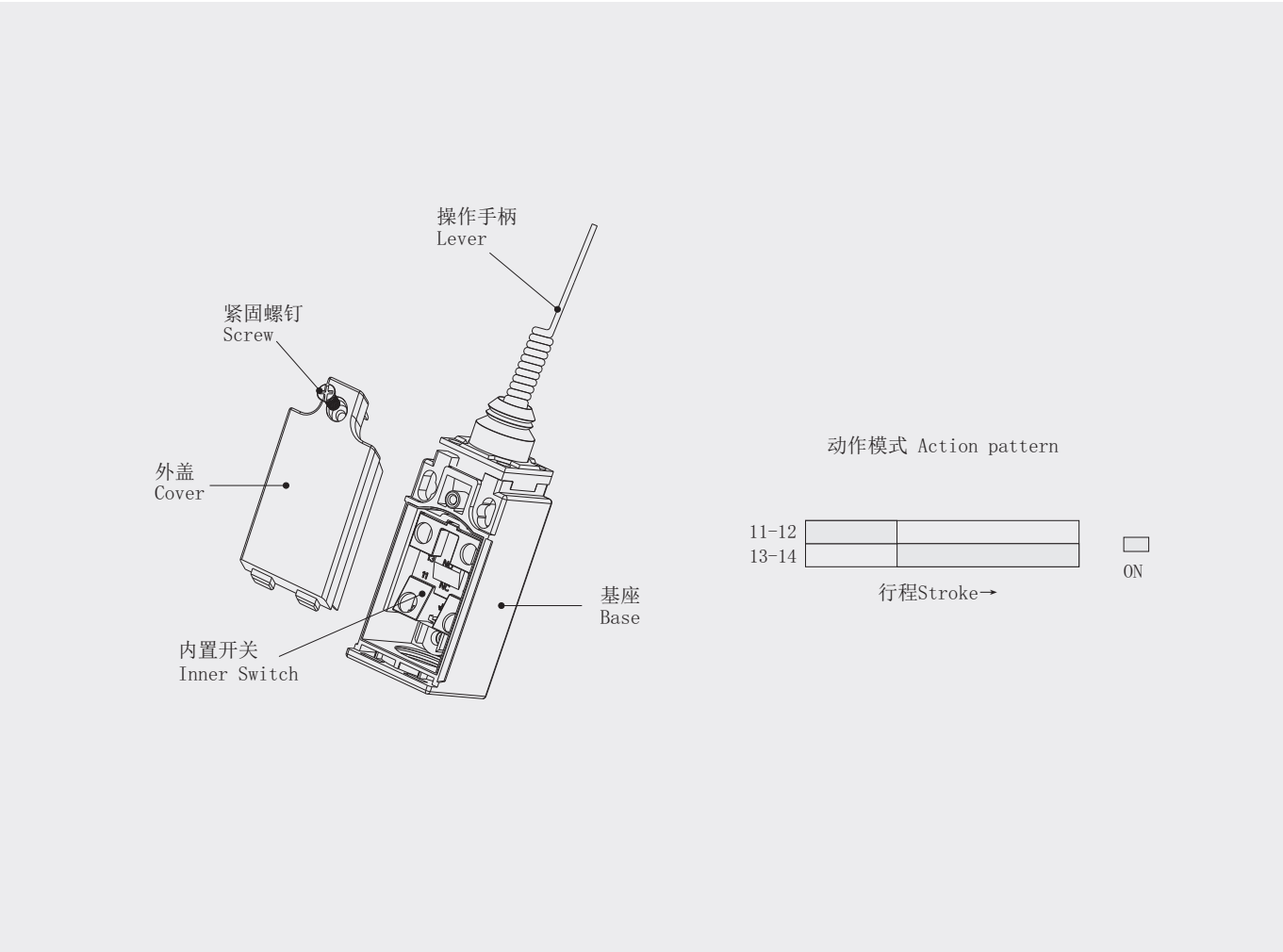
□ 触点形式及安装孔尺寸 Contact Forms&Mounting Hole Dimensions



性能参数 Specification

项 目 Item	参数值 Data	
额定负荷 Rating load	10 (4) A/250VAC, 6 (2) A 380VAC	
操作速度 Operation speed	5mm-0.5m/s	
操作频率 Operation frequency	机 械 Mechanical	120次/分 120times/min
	电 气 Electrical	30次/分 30times/min
绝缘电阻 Insulation resistance	100mΩ 以上 (Above) DC500V	
接触电阻 Contact resistance	25mΩ 初值 initial value)	
介质耐压 Withstand voltage	非 连 线 Non-connection wire	1000VAC
	各端子间 Every terminal	1500VAC
振 动 Vibration	误 动 作 Misoperation	10-55Hz 复振幅 Amplitude 1.5mm
冲 击 Impact	耐 久 Durable	1000m/s ²
	误 动 作 Misoperation	300m/s ²
寿 命 Life	电 气 Electrical	100,000次以上 above
	机 械 Mechanical	1,000,000次以上 above
防护等级 Protection degree	IP65	
使用温度 Operating temperature	-10~+70℃	
使用湿度 Operating humidity	<85%	

产品结构图 Product Structure

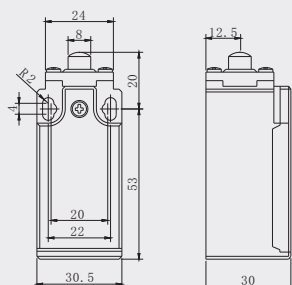


□ 外形尺寸/动作特性 Dimensions/Operating Characteristics

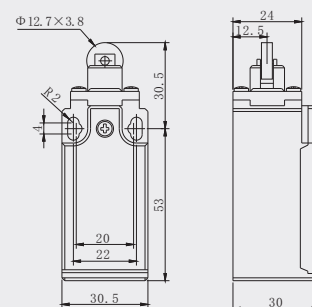
形式	Model	s	XZ-9101	XZ-9102	XZ-9102R	XZ-9103	XZ-9104	XZ-9105	XZ-9106	XZ-9107	XZ-9108	XZ-9109	XZ-9110
动作力	OF	max.	700g (6.86N)	700g (6.86N)	700g (6.86N)	700g (6.86N)	500g (4.9N)	700g (6.86N)	100g (0.98N)	100g (0.98N)	500g (4.9N)	100g (0.98N)	500g (4.9N)
回复力	RF	min.	180g (1.76N)	180g (1.76N)	180g (1.76N)	180g (1.76N)	80g (0.78N)	180g (1.76N)	30g (0.29N)	30g (0.29N)	80g (0.78N)	30g (0.29N)	80g (0.78N)
预行程	PI	max.	2.5mm	2.5mm	2.5mm	2.5mm	30°	2.5mm	28mm	28mm	30°	28mm	30°
超行程	OT	min.	3mm	3mm	3mm	3mm	70°	3mm	20mm	20mm	70°	20mm	70°
差行程	MD	max.	1.2mm	1.2mm	1.2mm	1.2mm	15°	1.2mm	10mm	10mm	15°	10mm	15°
总行程	TT		5.8mm	5.8mm	5.8mm	5.8mm	90°	5.8mm	48mm	48mm	90°	48mm	90°

形式	Model	s	XZ-9110A	XZ-9201	XZ-9202	XZ-9203	XZ-9204	XZ-9205	XZ-9206	XZ-9207	XZ-9208	XZ-9209	XZ-9210
动作力	OF	max.	500g (4.9N)	700g (6.86N)	700g (6.86N)	700g (6.86N)	500g (4.9N)	700g (6.86N)	100g (0.98N)	100g (0.98N)	500g (4.9N)	100g (0.98N)	500g (4.9N)
回复力	RF	min.	80g (0.78N)	180g (1.76N)	180g (1.76N)	180g (1.76N)	80g (0.78N)	180g (1.76N)	30g (0.29N)	30g (0.29N)	80g (0.78N)	30g (0.29N)	80g (0.78N)
预行程	PI	max.	30°	2.5mm	2.5mm	2.5mm	30°	2.5mm	28mm	28mm	30°	28mm	30°
超行程	OT	min.	70°	3mm	3mm	3mm	70°	3mm	20mm	20mm	70°	20mm	70°
差行程	MD	max.	15°	1.2mm	1.2mm	1.2mm	15°	1.2mm	10mm	10mm	15°	10mm	15°
总行程	TT		90°	5.8mm	5.8mm	5.8mm	90°	5.8mm	48mm	48mm	90°	48mm	90°

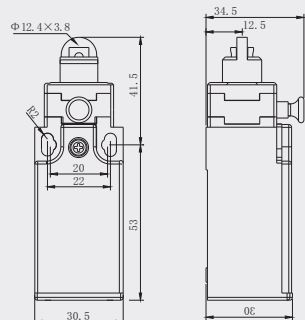
按钮型
XZ-9101



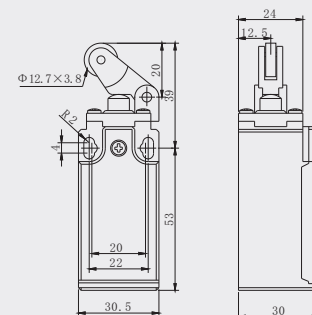
滚轮按钮型
XZ-9102



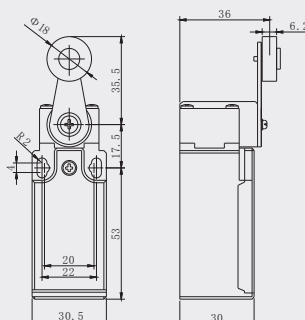
滚轮按钮手动复位型
XZ-9102R



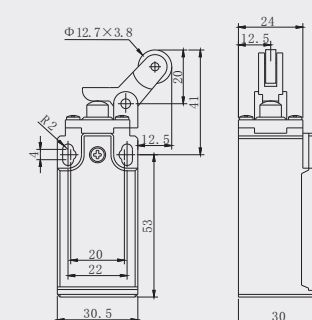
滚轮转臂按钮型
XZ-9103



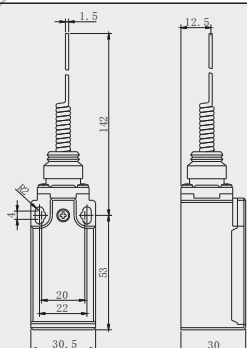
可调滚轮摆杆型
XZ-9104



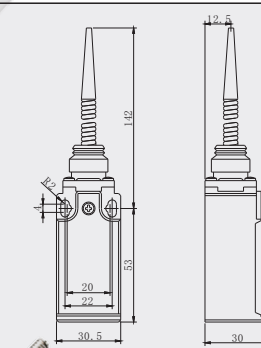
滚轮转臂按钮型
XZ-9105



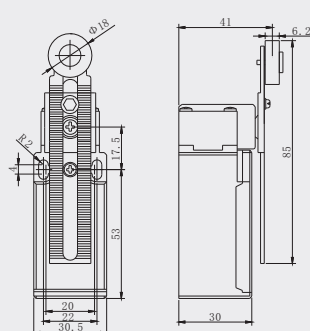
·万向式触须端头弹簧摇杆型
XZ-9106



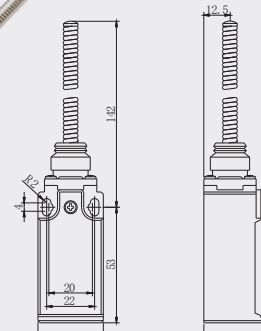
·万向式塑料端头弹簧摇杆型
XZ-9107



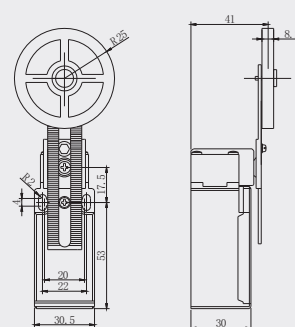
·可调滚轮摆杆型
XZ-9108



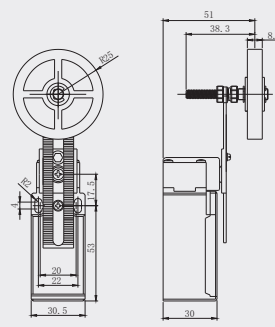
·万向式弹簧摇杆型
XZ-9109



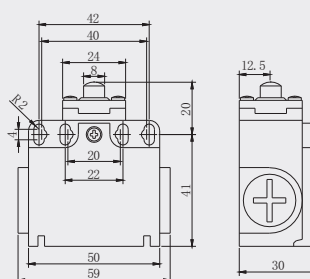
·可调大滚轮摆杆型
XZ-9110



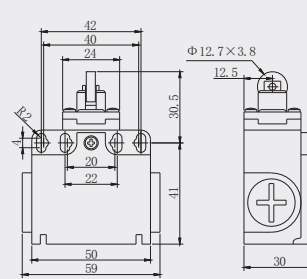
·四向可调大滚轮摆杆型
XZ-9110A



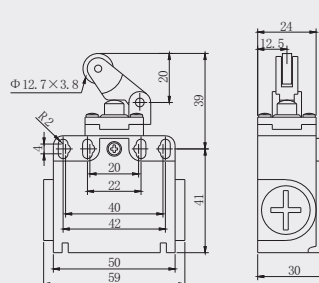
·按钮型
XZ-9201



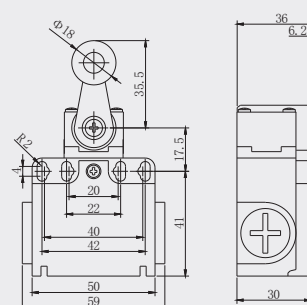
·滚轮按钮型
XZ-9202



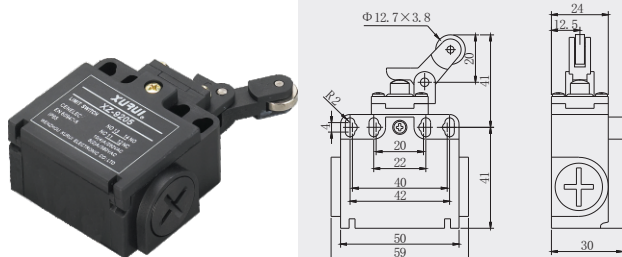
·滚轮转臂按钮型
XZ-9203



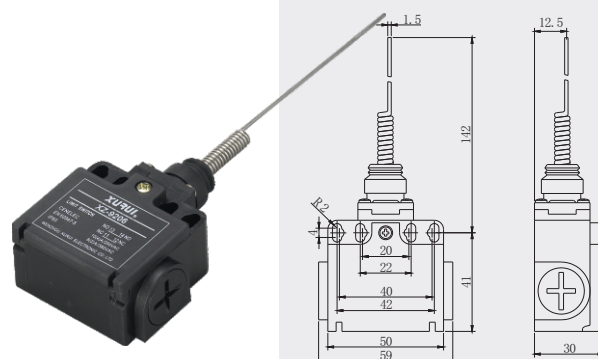
·滚轮摆杆型
XZ-9204



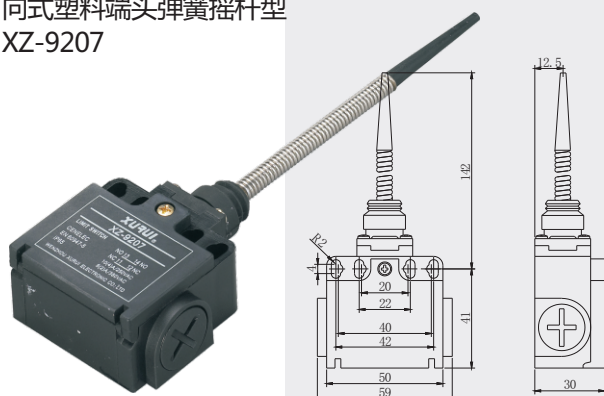
·滚轮转臂按钮型
XZ-9205



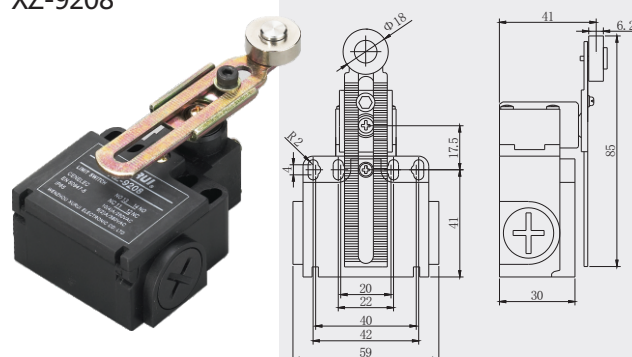
·万向式触须端头弹簧摇杆型
XZ-9206



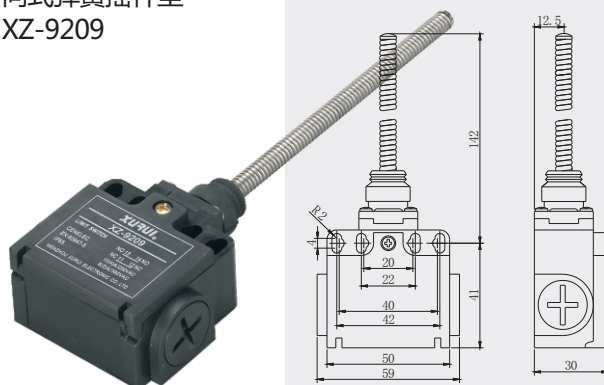
·万向式塑料端头弹簧摇杆型
XZ-9207



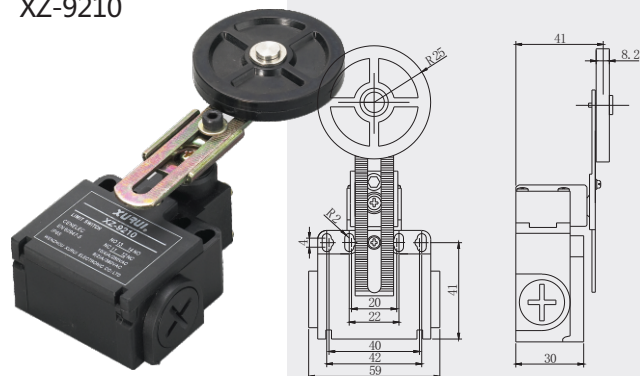
·可调滚轮摆杆型
XZ-9208



·万向式弹簧摇杆型
XZ-9209



·可调大滚轮摆杆型
XZ-9210

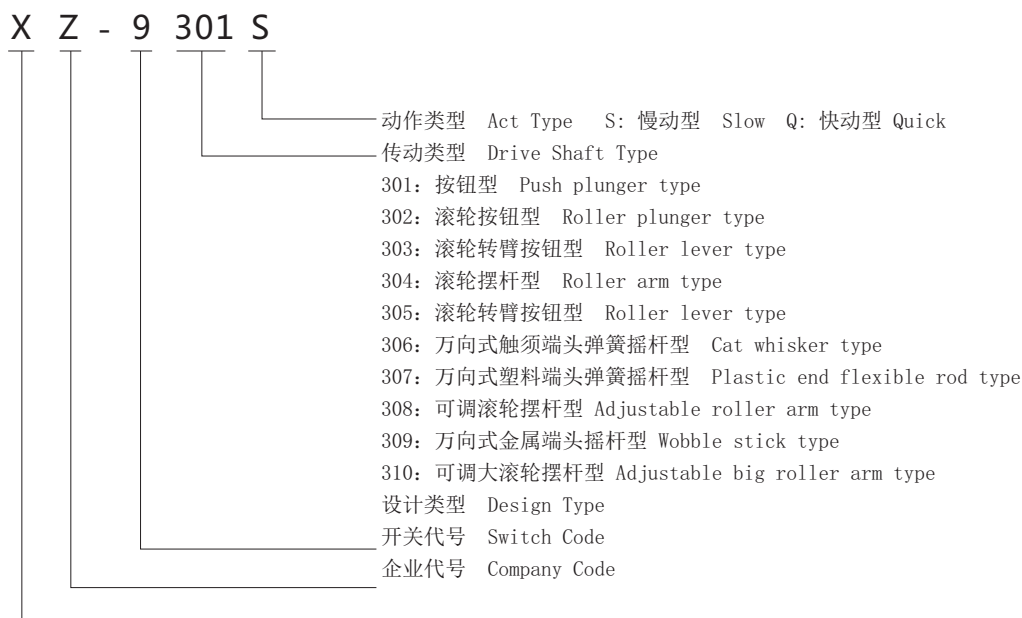


- 经济型塑料外壳，重量轻；
- 具有防水、防油、等特点；
- 采用双回路形式，快动作慢动作可选，符合直接断开 操作结构；
- 配备各种形式的驱动连杆，选型方便；
- 广泛应用于各种机械设备、自动化设备、仪器仪表等领域。

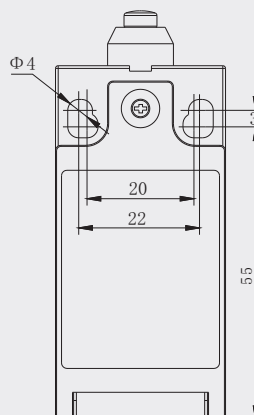
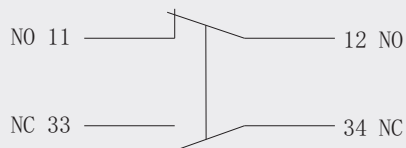
- Economic plastic housing, light weight;
- Preventing oil and water ;
- Double-circuit form, quick action slow motion optional, line with direct opening action operation structure ;
- Variety of levers;
- Widely used in Mechanical equipment ,automatic machine, and instrument, electro motion tool etc.



□ 型号含义 Model & Meanings



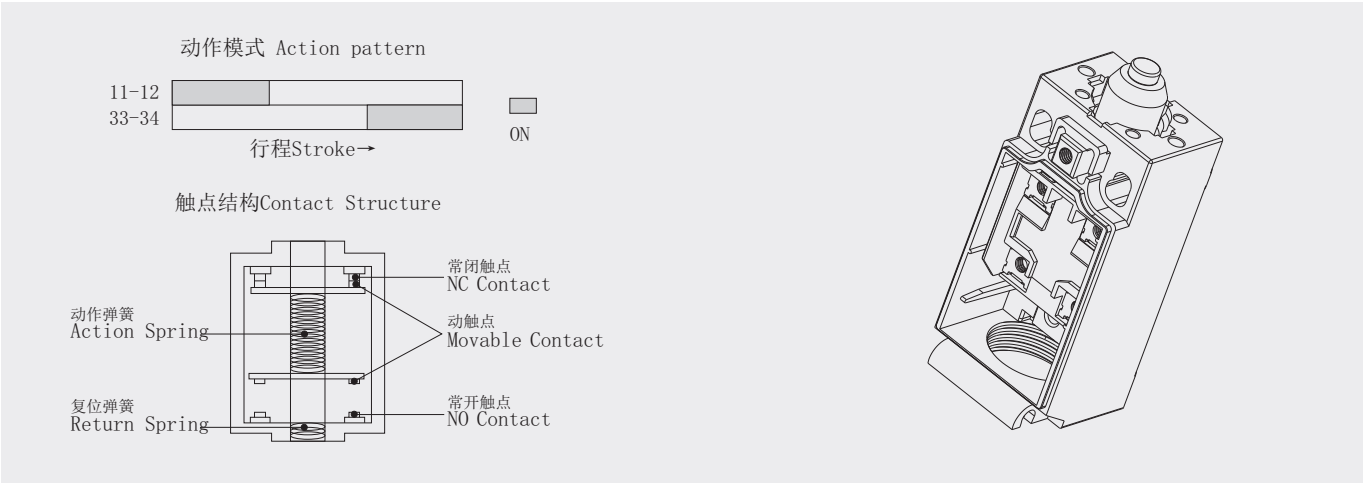
□ 触点形式及安装孔尺寸 Contact Forms&Mounting Hole Dimensions



性能参数 Specification

项 目 Item	参数值 Data	
额定负荷 Rating load	AC-15 3A/240VAC 0.27A/250VDC	
操作速度 Operation speed	1mm-1m/s	
操作频率 Operation frequency	机 械 Mechanical	120次/分 120times/min
	电 气 Electrical	30次/分 30times/min
绝缘电阻 Insulation resistance	100mΩ 以上 (Above) DC500V	
接触电阻 Contact resistance	25mΩ 初值 initial value)	
介质耐压 Withstand voltage	非 连 线 Non-connection wire	1000VAC
	各端子间 Every terminal	1500VAC
振 动 Vibration	误 动 作 Misoperation	10-55Hz 复振幅 Amplitude 1.5mm
冲 击 Impact	耐 久 Durable	1000m/s ²
	误 动 作 Misoperation	300m/s ²
寿 命 Life	电 气 Electrical	100,000次以上 above
	机 械 Mechanical	1,000,000次以上 above
防护等级 Protection degree	IP65	
使用温度 Operating temperature	-10~+70℃	
使用湿度 Operating humidity	<85%	

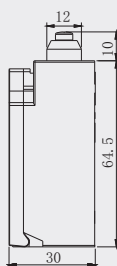
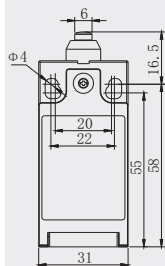
产品结构图 Product Structure



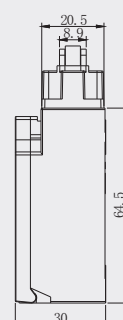
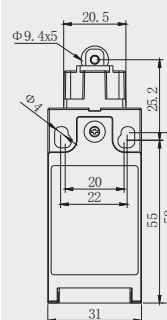
外形尺寸/动作特性 Dimensions/Operating Characteristics

形式 Model	s	XZ-9301	XZ-9302	XZ-9304	XZ-9308	XZ-9310
动作力 OF	max.	660g (6.5N)	660g (6.5N)	500g (4.9N)	500g (4.9N)	500g (4.9N)
回复力 RF	min.	150g (1.47N)	150g (1.47N)	50g (0.49N)	50g (0.49N)	50g (0.49N)
预行程 PI	max.	2.2mm	2.2mm	30°	30°	30°
超行程 OT	min.	3mm	3mm	40°	40°	40°
差行程 MD	max.	1.2mm	1.2mm	20°	20°	20°
总行程 TT		6mm	6mm	80°	80°	80°

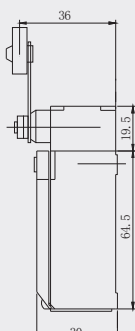
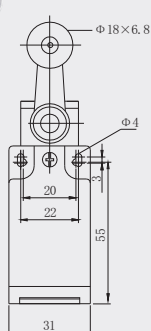
• 按钮型
XZ-9301



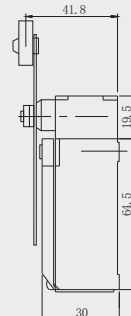
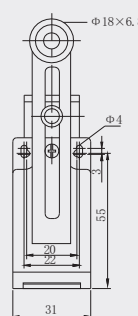
• 滚轮按钮型
XZ-9302



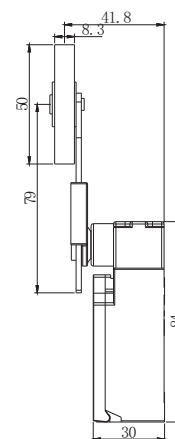
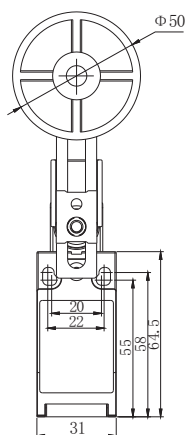
• 滚轮摆杆型
XZ-9304



• 可调滚轮摆杆型
XZ-9308

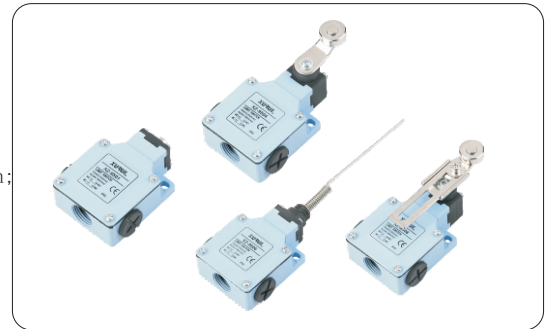


• 可调大滚轮摆杆型
XZ-9310



- 锌合金外壳，结构坚固，高机械强度；
- 具有防水、防油、等特点；
- 采用双回路形式，内置双簧片微动开关；
- 配备各种形式的驱动连杆，选型方便；
- 广泛应用于各种机械设备、自动化设备、仪器仪表等领域。

- Strong Zinc cast outer shell, strong structure and high mechanical strength;
- Preventing oil and water ;
- Double way switch, double spring inner switch;
- Variety of levers;
- Widely used in Mechanical equipment ,automatic machine, and instrument, electro motion tool etc.



□ 型号含义 Model & Meanings

X Z - 9 501

传动类型 Drive Shaft Type

501: 按钮型 Push plunger type

502: 滚轮按钮型 Roller plunger type

503: 滚轮转臂按钮型 Roller lever type

504: 滚轮摆杆型 Roller arm type

505: 滚轮转臂按钮型 Roller lever type

506: 万向式触须端头弹簧摇杆型 Cat whisker type

507: 万向式塑料端头弹簧摇杆型 Plastic end flexible rod type

508: 可调滚轮摆杆型 Adjustable roller arm type

509: 万向式金属端头摇杆型 Wobble stick type

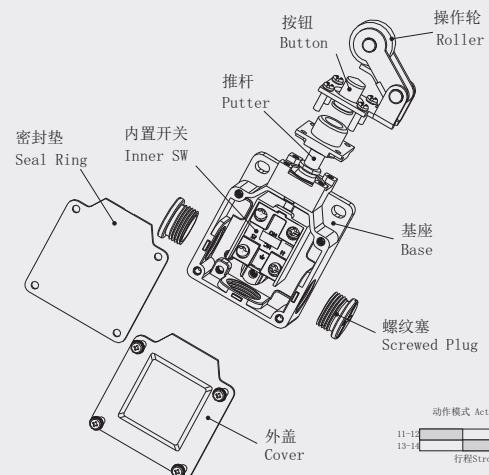
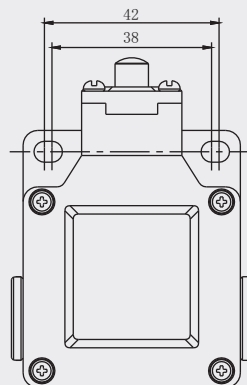
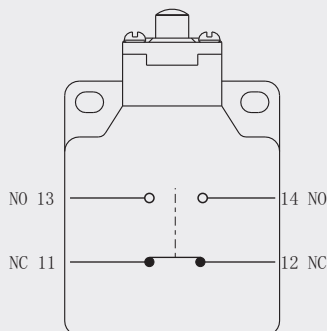
510: 可调大滚轮摆杆型 Adjustable big roller arm type

设计类型 Design Type

开关代号 Switch Code

企业代号 Company Code

□ 触点形式、安装孔尺寸、结构图 Contact Forms&Mounting Hole Dimensions&Product Structure

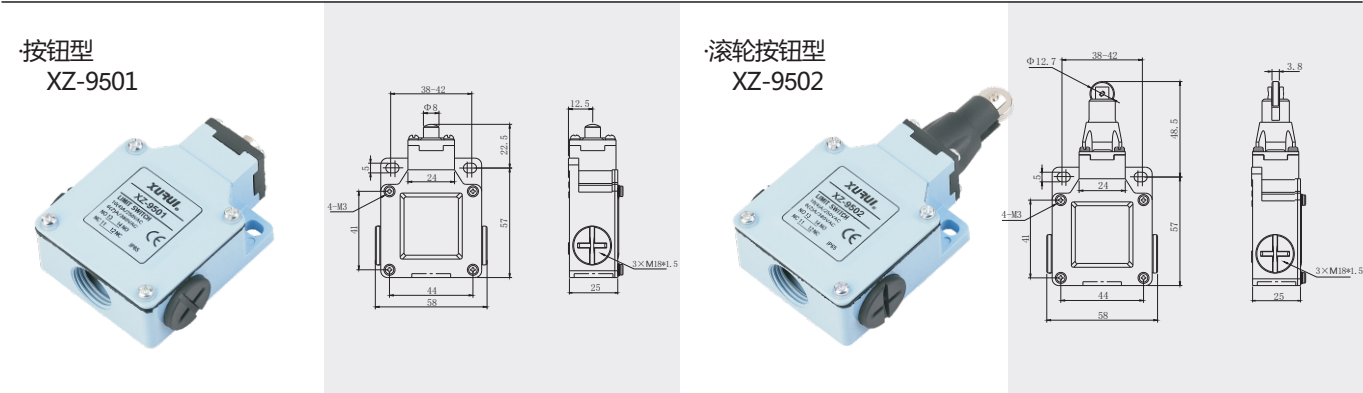


性能参数 Specification

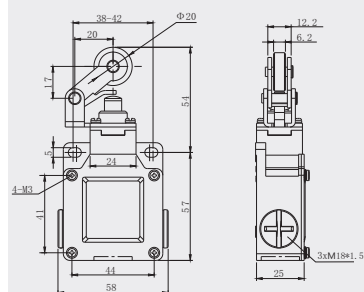
项 目 Item	参 数 值 Data
额定负荷 Rating load	10 (4) A/250VAC, 6 (2) A 380VAC
操作速度 Operation speed	5mm-0.5m/s
操作频率 Operation frequency	机 械 Mechanical 120次/分 120times/min
	电 气 Electrical 30次/分 30times/min
绝缘电阻 Insulation resistance	100mΩ 以上 (Above) DC500V
接触电阻 Contact resistance	25mΩ 初值 initial value)
介质耐压 Withstand voltage	非 连 线 Non-connection wire 1000VAC
	各端子间 Every terminal 1500VAC
振 动 Vibration	误 动 作 Misoperation 10-55Hz 复振幅 Amplitude 1.5mm
冲 击 Impact	耐 久 Durable 1000m/s ²
	误 动 作 Misoperation 300m/s ²
寿 命 Life	电 气 Electrical 100,000次以上 above
	机 械 Mechanical 1,000,000次以上 above
防护等级 Protection degree	IP65
使用温度 Operating temperature	-10~+70℃
使用湿度 Operating humidity	<85%

外形尺寸/动作特性 Dimensions / Operating Characteristics

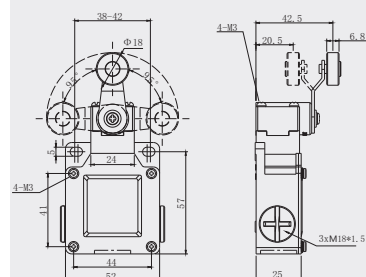
形式 Models	XZ-9501	XZ-9502	XZ-9503	XZ-9504	XZ-9505	XZ-9506	XZ-9507	XZ-9508	XZ-9509	XZ-9510
动作力 OF max.	700g (6.86N)	700g (6.86N)	700g (6.86N)	500g (4.9N)	700g (6.86N)	100g (0.98N)	100g (0.98N)	500g (4.9N)	100g (0.98N)	500g (4.9N)
回复力 RF min.	180g (1.76N)	180g (1.76N)	180g (1.76N)	80g (0.78N)	180g (1.76N)	30g (0.29N)	30g (0.29N)	80g (0.78N)	30g (0.29N)	80g (0.78N)
预行程 PT max.	2.5mm	2.5mm	2.5mm	30°	2.5mm	28mm	28mm	30°	28mm	30°
超行程 OT min.	3mm	3mm	3mm	70°	3mm	20mm	20mm	70°	20mm	70°
差行程 MD max.	1.2mm	1.2mm	1.2mm	15°	1.2mm	10mm	10mm	15°	10mm	15°
动作位置 OP	5.8mm	5.8mm	5.8mm	90°	5.8mm	48mm	48mm	90°	48mm	90°



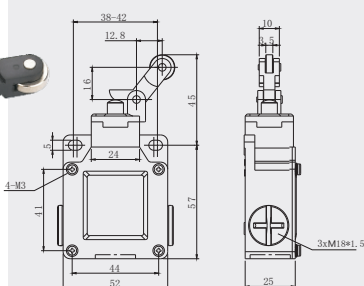
·滚轮转臂按钮型
XZ-9503



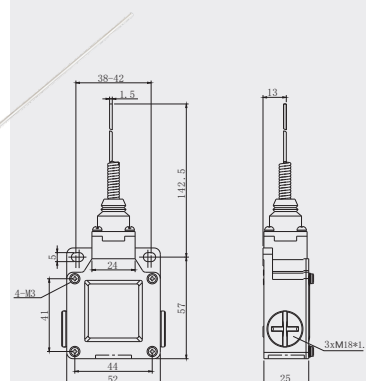
·滚轮摆杆型
XZ-9504



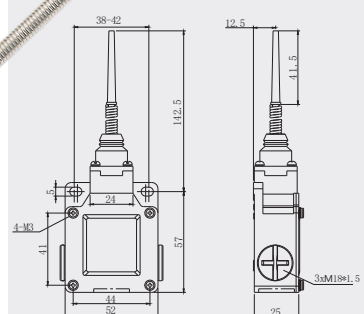
·滚轮转臂按钮型
XZ-9505



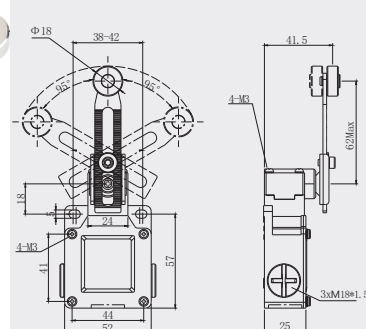
·万向式塑料端头弹簧摇杆型
XZ-9506



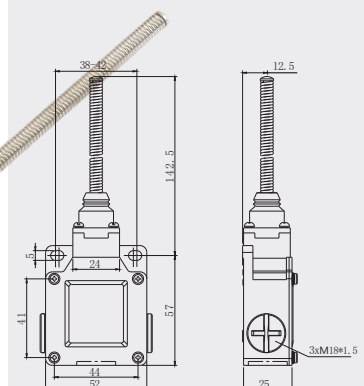
·万向式塑料端头弹簧摇杆型
XZ-9507



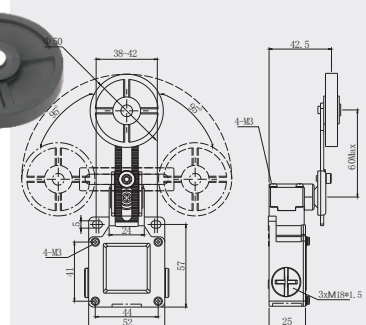
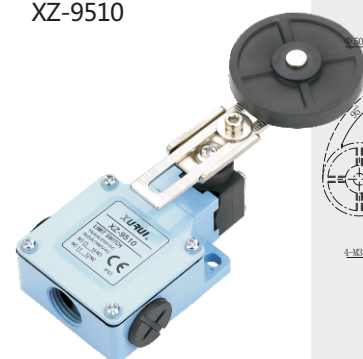
·可调滚轮摆杆型
XZ-9508



·万向式金属端头弹簧摇杆型
XZ-9509

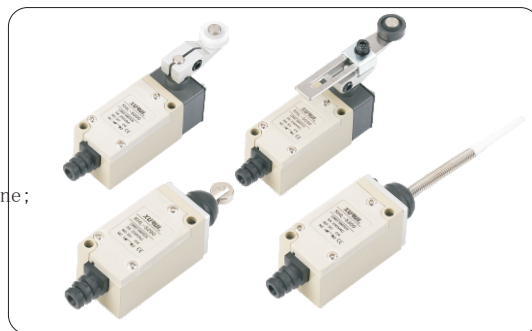


·可调大滚轮摆杆型
XZ-9510



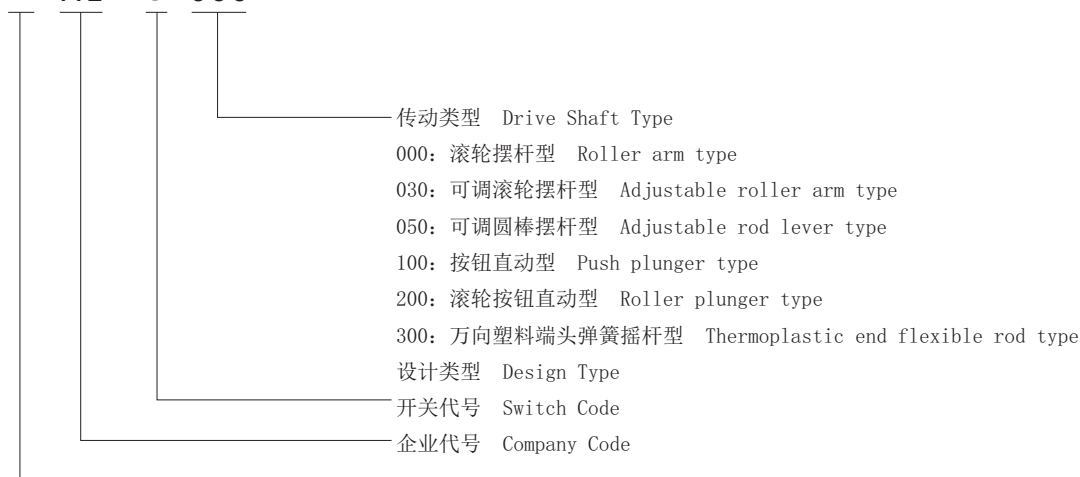
- 外壳由强化塑胶与锌合金组成，结构坚固，容易配线；
- 体积小，可防水、防油；
- 采用双回路形式，内置双簧片微动开关；
- 配备各种形式的驱动连杆，选型方便；
- 广泛应用于各种机械设备、自动化设备、仪器仪表等领域。

- Strong structure, made of zinc metal alloy and plastics, easy to contact line;
- Small size, oil and water resistant ;
- Double way switch, double spring inner switch;
- Variety of levers;
- Widely used in Mechanical equipment ,automatic machine, and instrument, electro motion tool etc.

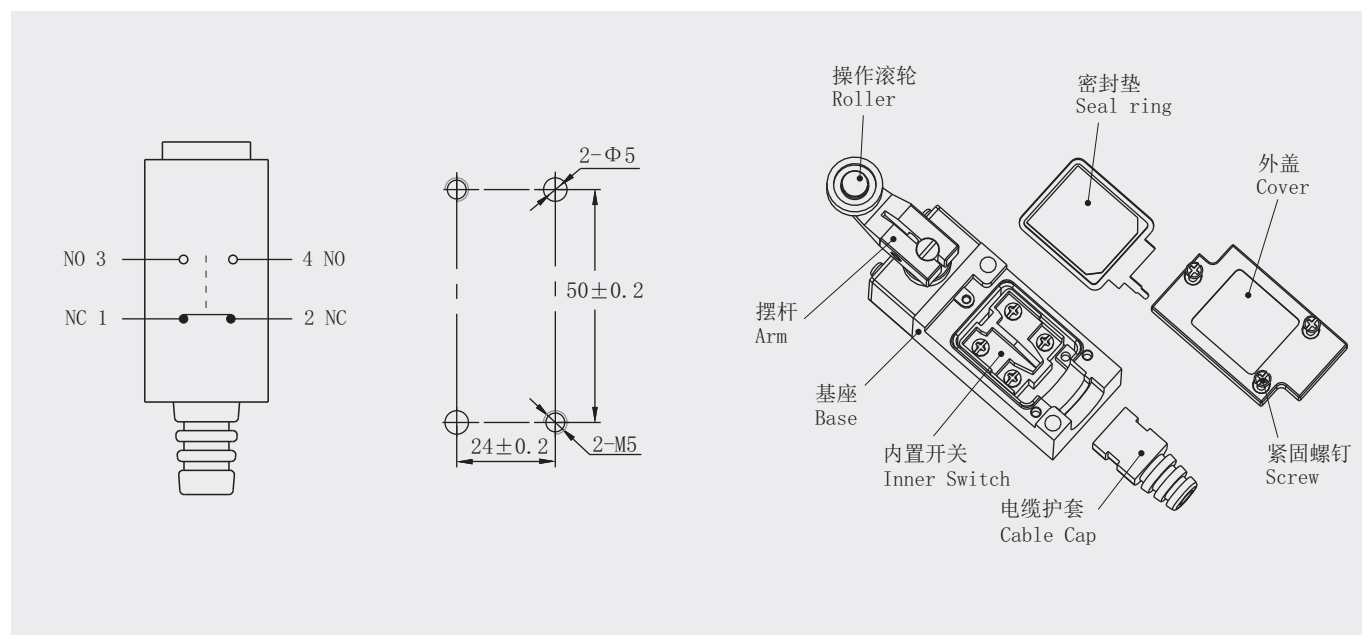


□ 型号含义 Model & Meanings

X HL - 5 000



□ 触点形式、安装孔尺寸、结构图 Contact Forms&Mounting Hole Dimensions&Product Structure



性能参数 Specification

项 目	Item	参数值 Data		
额定负荷	Rating load	5A/250VAC		
操作速度	Operation speed	5mm-50cm/s		
操作频率	Operation frequency	机 械 Mechanical	120次/分 120times/min	
		电 气 Electrical	30次/分 30times/min	
绝缘电阻	Insulation resistance	100mΩ 以上 (Above) DC500V		
接触电阻	Contact resistance	25mΩ 初值 initial value)		
介质耐压	Withstand voltage	非 连 线 Non-connection wire	1000VAC	
		各端子间 Every terminal	1500VAC	
振 动	Vibration	误 动 作 Misoperation	10-55Hz 复振幅 Amplitude 1.5mm	
冲 击	Impact	耐 久 Durable	1000m/s ²	
		误 动 作 Misoperation	300m/s ²	
寿 命	Life	电 气 Electrical	100,000次以上 above	
		机 械 Mechanical	1,000,000次以上 above	
防护等级	Protection degree	IP65		
使用温度	Operating temperature	-20~+60℃		
使用湿度	Operating humidity	<85%		

外形尺寸/动作特性 Dimensions / Operating Characteristics

形式 Models	XHL-5000	XHL-5030	XHL-5050	XHL-5100	XHL-5200	XHL-5300
动作力 OF max.	500g (4.9N)	500g (4.9N)	500g (4.9N)	500g (4.9N)	700g (6.86N)	100g (0.98N)
回复力 RF min.	80g (0.78N)	80g (0.78N)	80g (0.78N)	80g (0.78N)	180g (1.76N)	30g (0.29N)
预行程 PT max.	30°	30°	30°	30°	2.5mm	28mm
超行程 OT min.	70°	70°	70°	70°	3mm	20mm
差行程 DO max.	15°	15°	15°	15°	1.2mm	10mm
动作位置 OP	90°	90°	90°	90°	5.8mm	48mm

