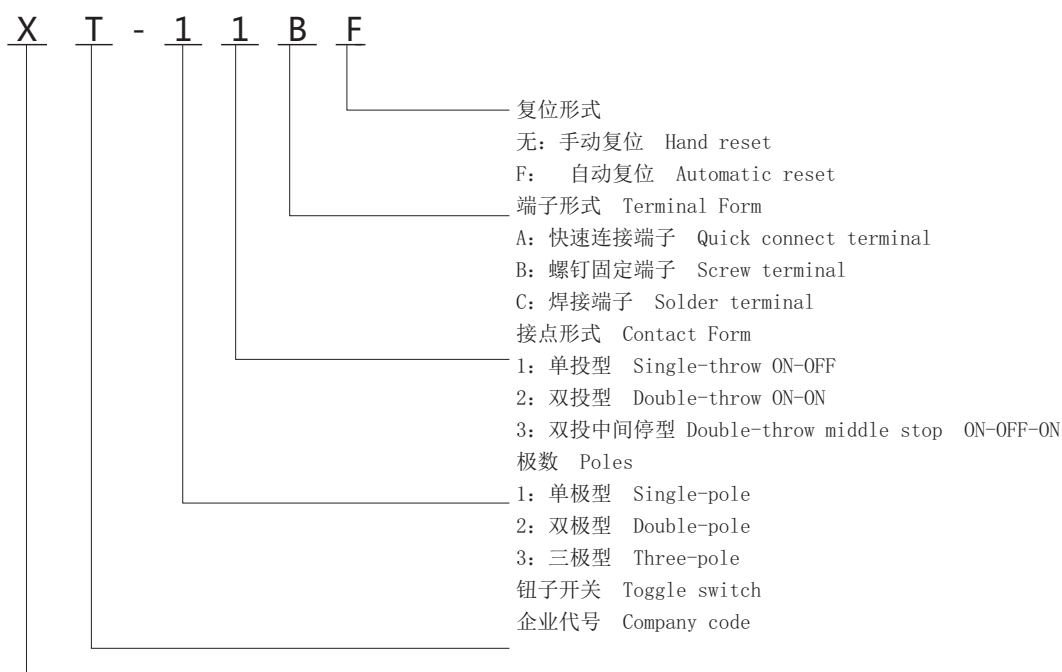


- 采用热塑性外壳，结构紧凑，安装方便；
- 可加装防护套，能防油、防尘；
- 有手动复位与自动复位，灵活选择；
- 广泛应用于各种电子设备、自动化设备、通讯设备、仪器仪表等领域作电源通断与连接电路用。

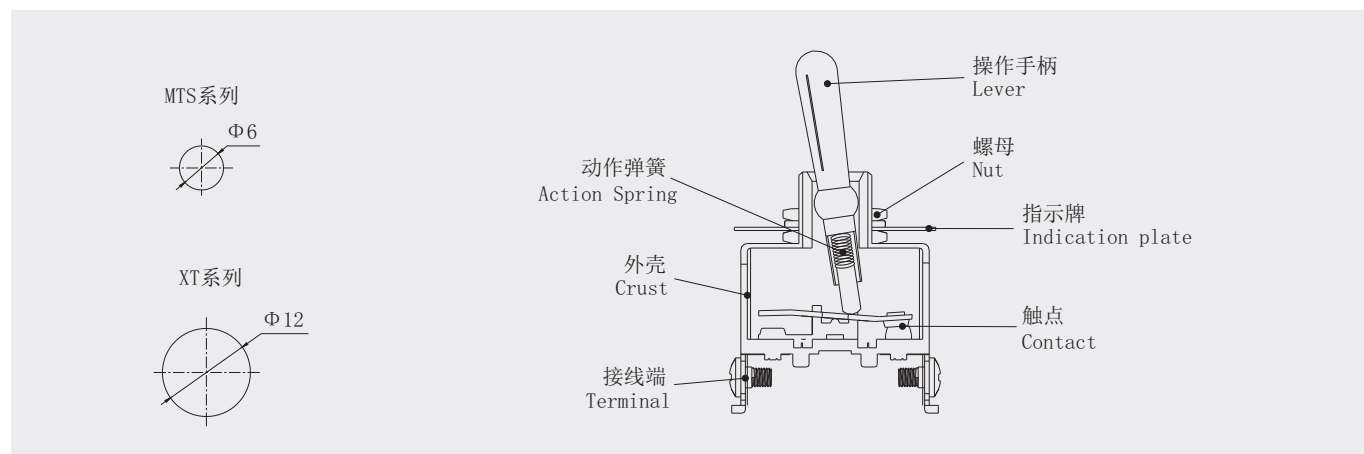
- Adopt thermoplastic crust, compact construction, and Simple installation;
- May install the protecting cap, can against oil and dustproof;
- Hand reset and automatic reset for flexible choice;
- Widely used in Electrical equipment ,automatic machine, communication equipment and instrument, electro motion tool etc.



□ 型号含义 Model & Meanings



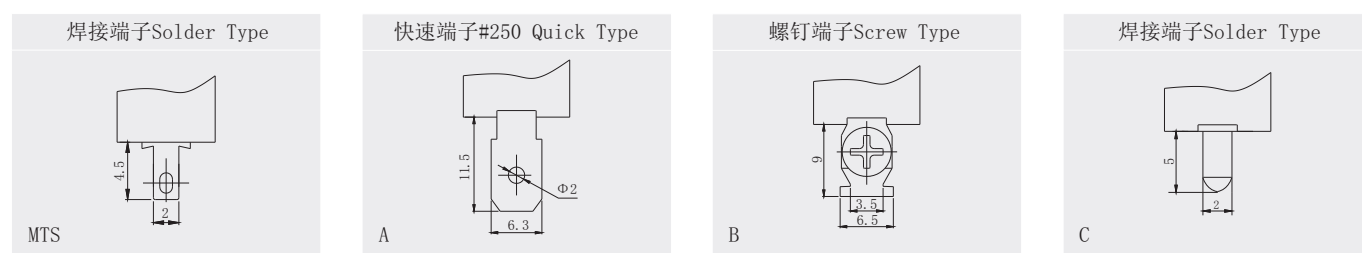
□ 安装孔尺寸及结构图 Mounting Holes & Product Structure



性能参数 Specification

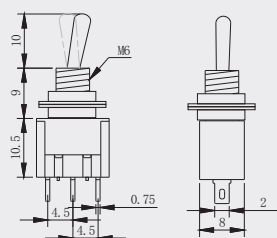
项 目 Item	参数值 Data
额定负载 Rating load	MTS: 6A/125, 250V XT: 15A/250VAC, 25A/250VAC
操作频率 Operation frequency	30次/分 30times/min
绝缘电阻 Insulation resistance	100M Ω 以上 (Above) DC500V
接触电阻 Contact resistance	25m Ω (初值 initial value)
介质耐压 Withstand voltage	非 连 线 Non-connection wire 1000VAC 各端子间 Every terminal 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 500,000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%

端子类型 Terminal Forms

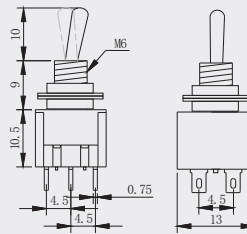


外形尺寸 Dimensions

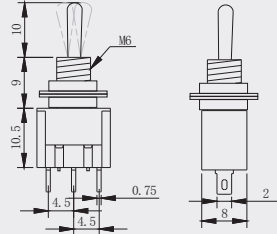
单极双投型 SPDT ON-ON
MTS-102



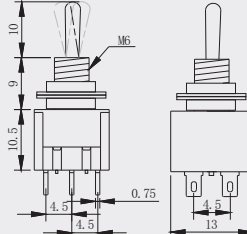
双极双投型 DPDT ON-ON
MTS-202



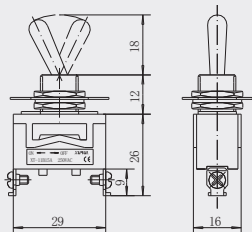
单极双投中间停型 SPDT ON-OFF-ON
MTS-103



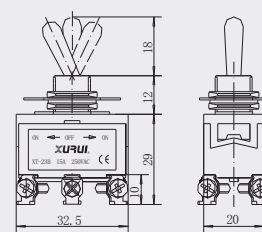
双极双投中间停型 DPDT ON-OFF-ON
MTS-203



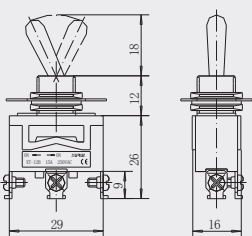
·单极单投型 SPST ON-OFF
XT-11B



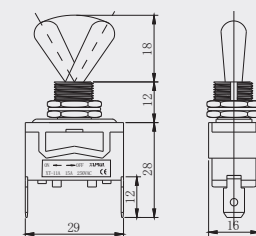
·双极双投中间停型 DPDT ON-OFF-ON
XT-23B



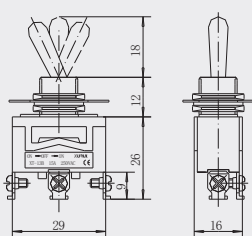
·单极双投型 SPDT ON-ON
XT-12B



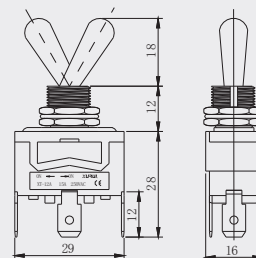
·单极单投型 SPST ON-OFF
XT-11A



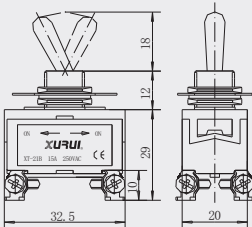
·单极双投中间停型 SPDT ON-OFF-ON
XT-13B



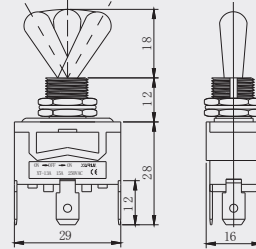
·单极双投型 SPDT ON-ON
XT-12A



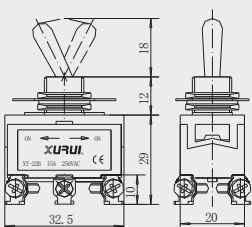
·双极单投型 DPST ON-OFF
XT-21B



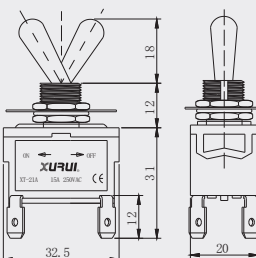
·单极双投中间停型 SPDT ON-OFF-ON
XT-13A



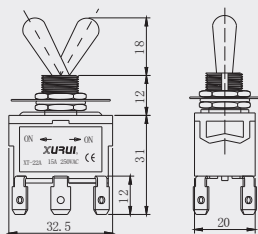
·双极双投型 DPDT ON-ON
XT-22B



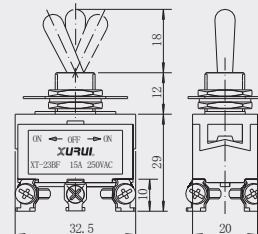
·双极单投型 DPST ON-OFF
XT-21A



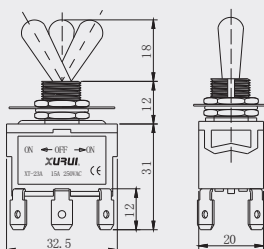
·双极双投型 DPDT ON-ON
XT-22A



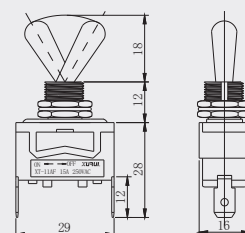
·双极双向自动复位型 DPDT Auto Reset (ON)-OFF-(ON)
XT-23BF



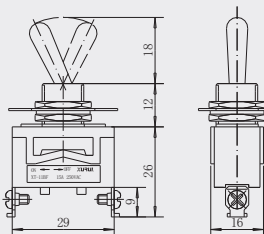
·双极双投中间停型 DPDT ON-OFF-ON
XT-23A



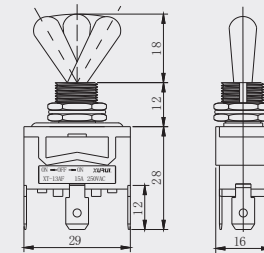
·单极单向自动复位型 SPST Auto Reset (ON)-OFF
XT-11AF



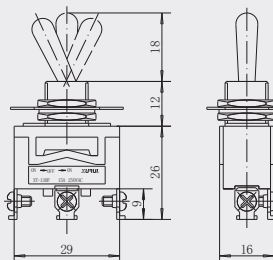
·单极单向自动复位型 SPST Auto Reset (ON)-OFF
XT-11BF



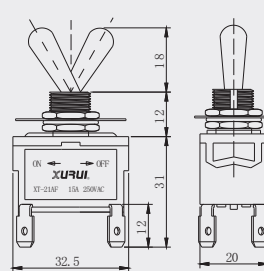
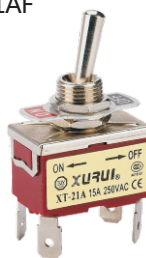
·单极双向自动复位型 SPDT Auto Reset (ON)-OFF-(ON)
XT-13AF



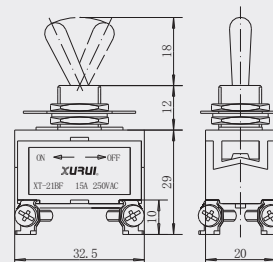
·单极双向自动复位型 SPDT Auto Reset (ON)-OFF-(ON)
XT-13BF



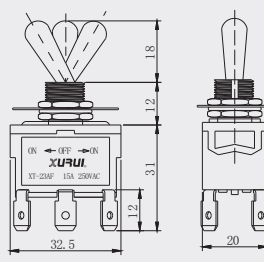
·双极单向自动复位型 DPST Auto Reset (ON)-OFF
XT-21AF



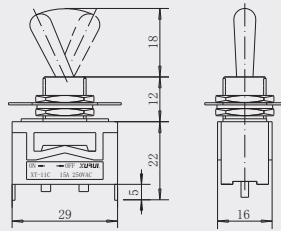
·双极单向自动复位型 DPST Auto Reset (ON)-OFF
XT-21BF



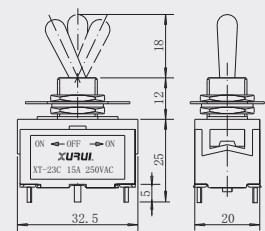
·双极双向自动复位型 DPDT Auto Reset (ON)-OFF-(ON)
XT-23AF



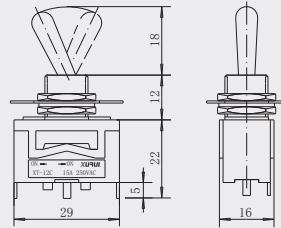
·单极单投型 SPST ON-OFF
XT-11C



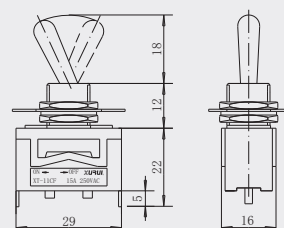
·双极双投中间停型 DPDT ON-OFF-ON
XT-23C



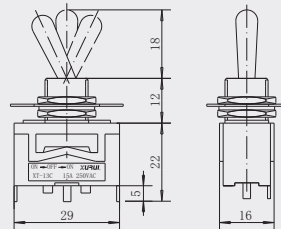
·单极双投型 SPDT ON-ON
XT-12C



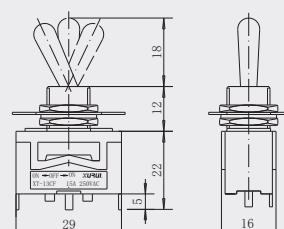
·单极单向自动复位型 SPST Auto Reset (ON)-OFF
XT-11CF



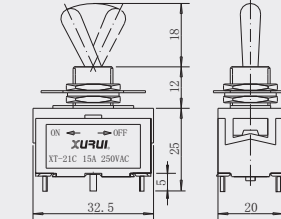
·单极双投中间停型 SPDT ON-OFF-ON
XT-13C



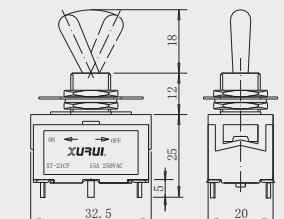
·单极双向自动复位型 SPDT Auto Reset (ON)-OFF-(ON)
XT-13CF



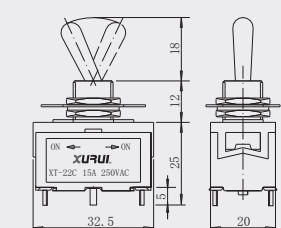
·双极单投型 DPST ON-OFF
XT-21C



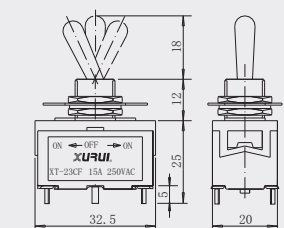
·双极单向自动复位型 DPST Auto Reset (ON)-OFF
XT-21CF



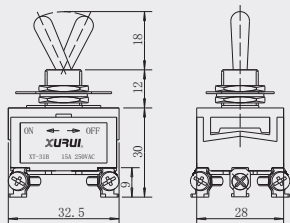
·双极双投型 DPDT ON-ON
XT-22C



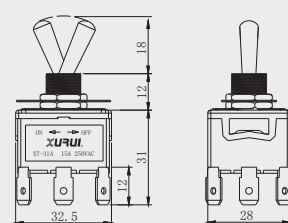
·双极双向自动复位型 DPDT Auto Reset (ON)-OFF-(ON)
XT-23CF



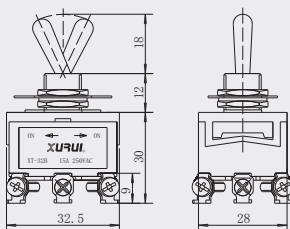
·三极极单投型 TPST ON-OFF
XT-31B



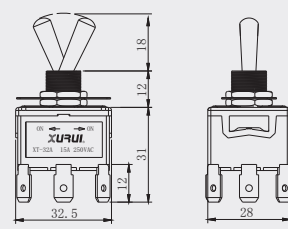
·三极极单投型 TPST ON-OFF
XT-31A



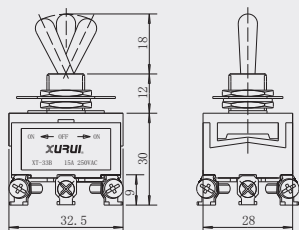
·三极双投型 TPDT ON-ON
XT-32B



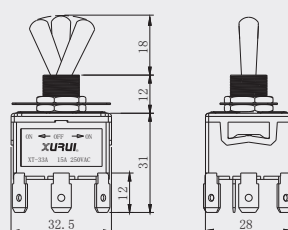
·三极双投型 TPDT ON-ON
XT-32A



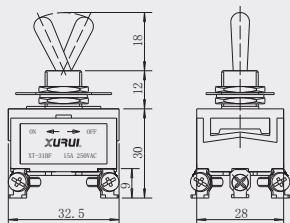
·三极双投中间停型 TPDT ON-OFF-ON
XT-33B



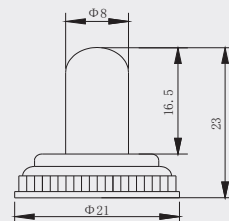
·三极双投中间停型 TPDT ON-OFF-ON
XT-33A



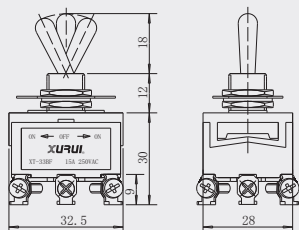
·三极单向自动复位型 TPST Auto Reset (ON)-OFF
XT-31BF



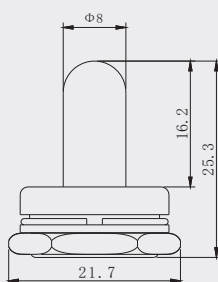
·钮子开关防护套 Protecting Cap
XT-HT



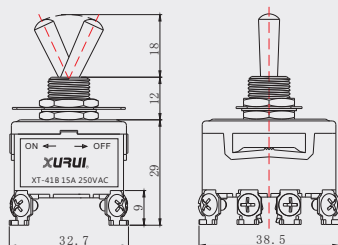
·三极双向自动复位型 TPDT Auto Reset (ON)-OFF-(ON)
XT-33BF



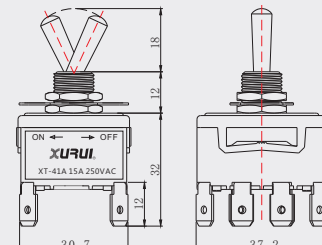
·钮子开关防护套 Protecting Cap
XT-HT2



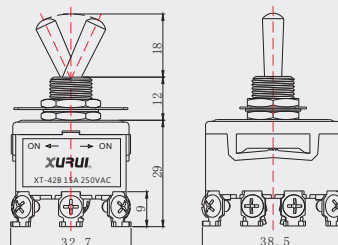
·四极极单投型 TPST ON-OFF
XT-41B



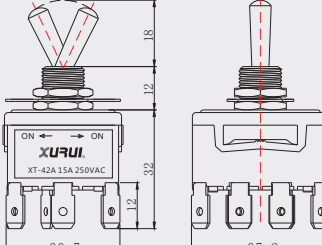
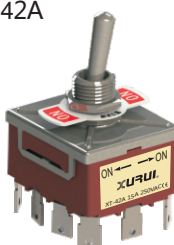
·四极极单投型 TPST ON-OFF
XT-41A



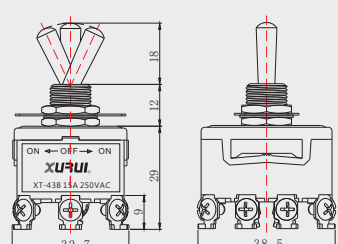
·四极双投型 TPDT ON-ON
XT-42B



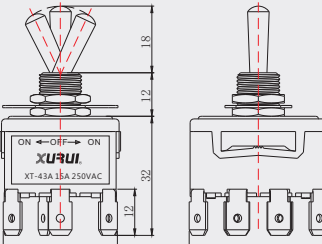
·四极双投型 TPDT ON-ON
XT-42A



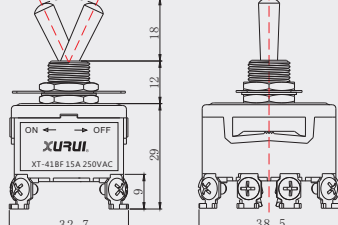
·四极双投中间停型 TPDT ON-OFF-ON
XT-43B



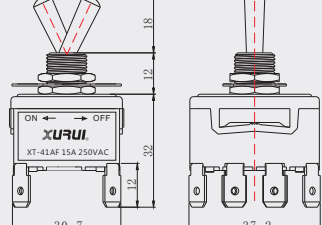
·四极双投中间停型 TPDT ON-OFF-ON
XT-43A



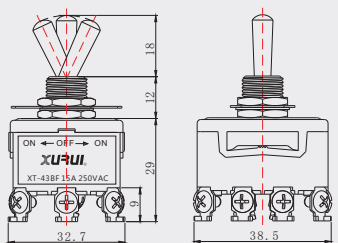
·四极单向自动复位型 TPST Auto Reset (ON)-OFF
XT-41BF



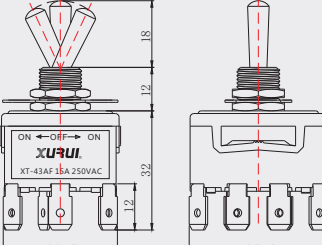
·四极单向自动复位型 TPST Auto Reset (ON)-OFF
XT-41AF



·四极双向自动复位型 TPDT Auto Reset (ON)-OFF-(ON)
XT-43BF



·四极双向自动复位型 TPDT Auto Reset (ON)-OFF-(ON)
XT-43AF

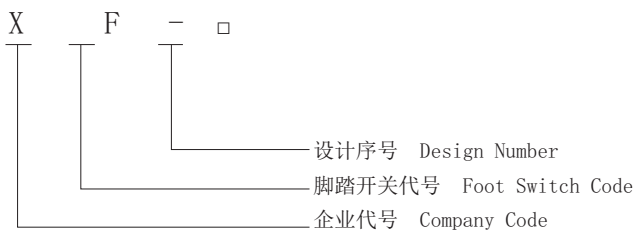


- 多种外壳材质选择，有工程塑料、铁板、铝合金等；
- 金属外壳采用强化烤漆喷塑表面，耐冲击、耐磨损、耐高温；
- 电缆引出设有电缆锁紧护套，可防水、防油；
- 开关底部设有橡胶脚垫，可防滑；
- 广泛应用于各种工业自动化装置、搬运、冲压、医疗、测试等场合作控制用。

- Kinds of shell's material for choice, such as engineering plastic, steel panel, aluminium alloy, etc;
- Metal shell use the strenghtening to reast the surfase, bears the impact, the wearability, thermostable;
- Cable lock-in jacket is made for the cable coming out and it is waterproof, grease proofing;
- Switch bottom is equipped with the rubber pad, for skidproof;
- Widely used for control in industrial automation equipments, transport, pressing, medical treatment, test and etc.



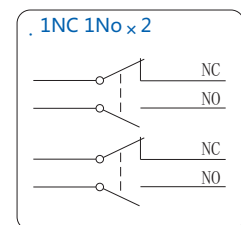
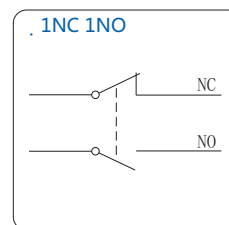
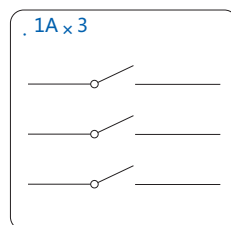
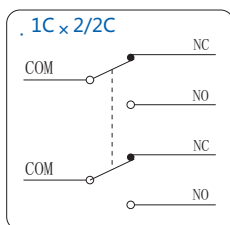
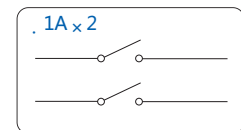
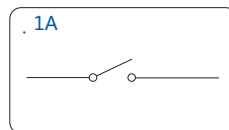
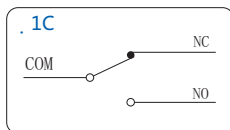
□ 型号含义 Model & Meanings



□ 基本参数 Basic parameters

接触电阻 Contact resistance	25mΩ (初值 initial value)
绝缘电阻 Insulation resistance	100mΩ 以上 (Above) DC500V
介质耐压 Withstand voltage	≥2000VAC
机械寿命 Mechanical Life	1,000,000次以上 above
电气寿命 Electrical Life	100,000次以上 above
使用温度 Operating temperature	-20~+70℃
使用湿度 Operating Humidity	≤85%

□ 触点形式 Contact Forms



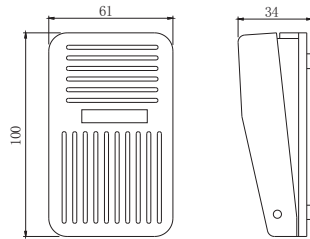
□ 使用注意事项 Application attentions

- 根据负载的性质和电流值的不同，请注意产品的额定负载，本系列产品分10A、15A与16A；
- 搬运以及移动时请注意内部配线的短路、断路等现象发生；
- 使用在有大量水、油、粉尘等场所时请注意产品的防护等级，本系列产品分防护型与非防护型；
- 重压和冲击是造成产品损坏的直接原因，请务必小心；
- “当心触电”与“注意”警示标志提醒大家使用时注意人身安全与产品的正常使用。

- According to the difference of load and current value, rated load should be taken note. Current value of this series is 10A, 15A and 16A
- When transporting and moving, pls take note of the short circuit or open circuit may happen in internal wiring;
- Please take note of the level of protection when used in water, oil and bug dust. This series has protective type and unprotective type
- The immediate cause for broken is stress and attack, please pay attention;
- Warning mark 'Danger! High Voltage!' and 'Take note!' remind us pay attention to personnel safety and correctly operation.

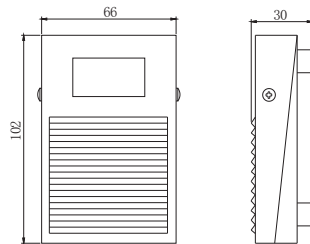
□ 外形尺寸/技术参数 Dimensions / Specification

XF-01



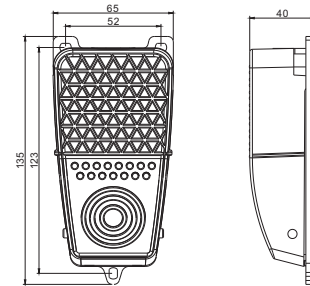
材 质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm ² ×3芯(Wire)×0.25m
防护等级 Protection Degree	IP54

XF-1



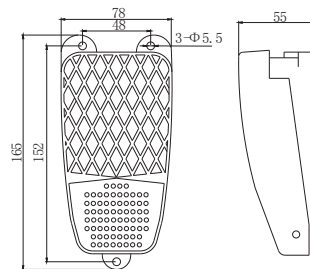
材 质 Material	钢板(Steel)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm ² ×3芯(Wire)×1m
防护等级 Protection Degree	IP54

XF-2



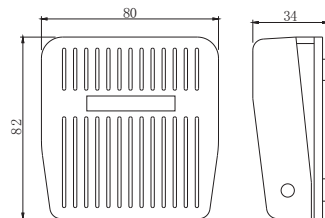
材 质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm ² ×3芯(Wire)×0.25m
防护等级 Protection Degree	IP54

XF-3



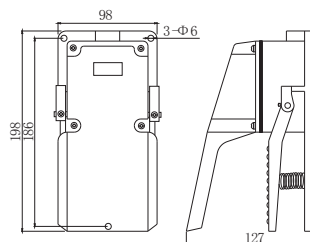
材 质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm ² ×3芯(Wire)×0.25m
防护等级 Protection Degree	IP54

XF-201



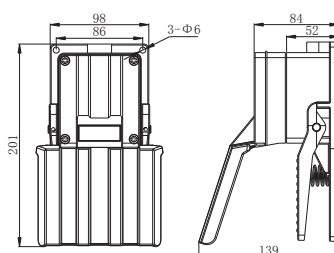
材 质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm ² ×3芯(Wire)×0.25m
防护等级 Protection Degree	IP54

XF-302



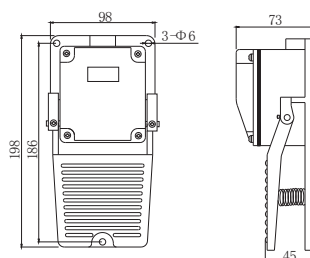
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-302C



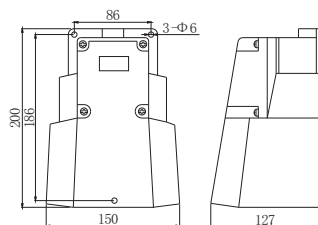
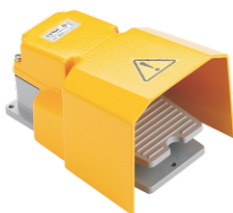
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-402



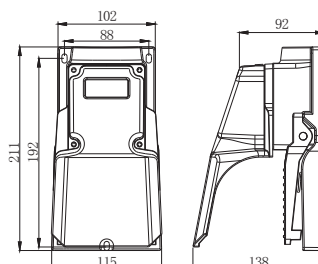
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-502



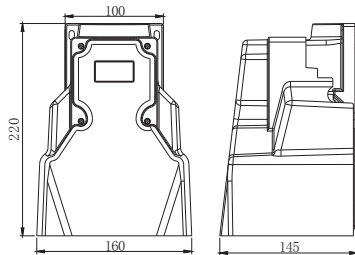
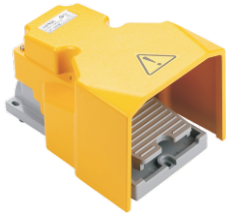
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-302B



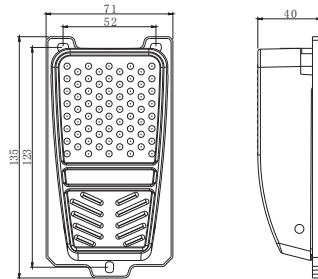
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-502B



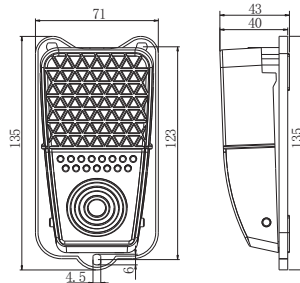
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	IC
引出电缆 Outgoing Cable	---
防护等级 Protection Degree	IP65

XF-4



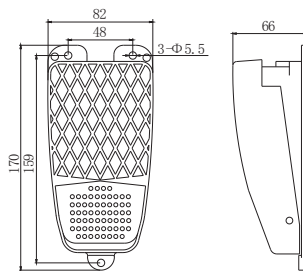
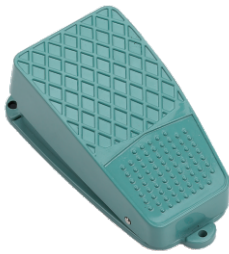
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	IC
引出电缆 Outgoing Cable	0.5mm ² ×3芯 (Wire) ×0.25m
防护等级 Protection Degree	IP54

XF-5



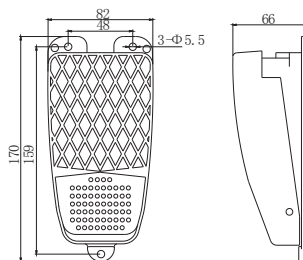
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	IC
引出电缆 Outgoing Cable	0.5mm ² ×3芯 (Wire) ×0.25m
防护等级 Protection Degree	IP54

XF-101



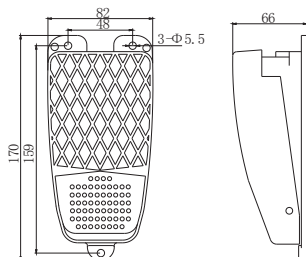
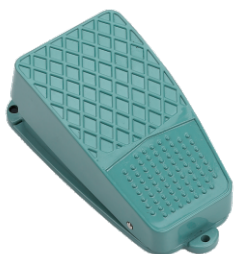
材 质 Material	ABS工程塑料 (Plastic)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	IC
引出电缆 Outgoing Cable	0.75mm ² ×3芯 (Wire) ×0.25m
防护等级 Protection Degree	IP54

XF-102



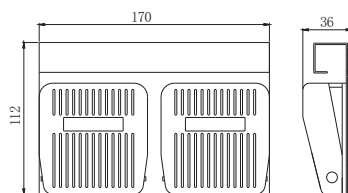
材 质 Material	ABS工程塑料 (Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	IC
引出电缆 Outgoing Cable	0.5mm ² ×3芯 (Wire) ×0.25m
防护等级 Protection Degree	IP54

XF-103



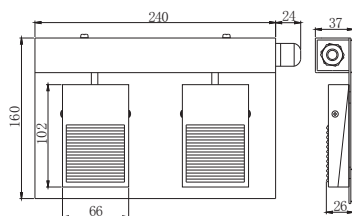
材 质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	2C
引出电缆 Outgoing Cable	0.5mm ² ×6芯(Wire)×0.25m
防护等级 Protection Degree	IP54

XF-201D



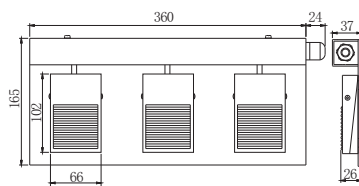
材 质 Material	ABS工程塑料(Plastic)+钢板(Steel)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C×2
引出电缆 Outgoing Cable	0.5mm ² ×6芯(Wire)×0.25m
防护等级 Protection Degree	IP54

XF-1D



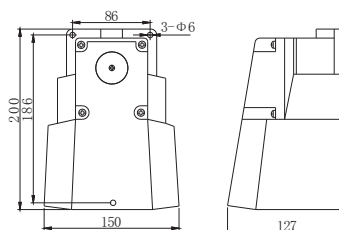
材 质 Material	钢板(Steel)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1A×2
引出电缆 Outgoing Cable	0.5mm ² ×4芯(Wire)×0.25m
防护等级 Protection Degree	IP54

XF-1T



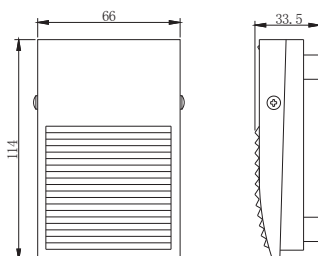
材 质 Material	钢板(Steel)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1A×3
引出电缆 Outgoing Cable	0.5mm ² ×6芯(Wire)×0.25m
防护等级 Protection Degree	IP54

XF-502S



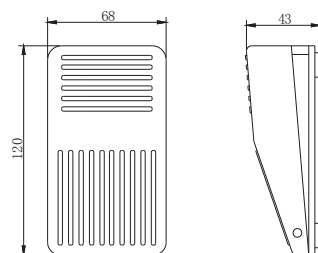
材 质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15CW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C×1C
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-81



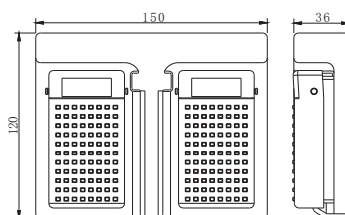
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm ² ×3芯 (Wire) ×0.25m
防护等级 Protection Degree	IP54

XF-82



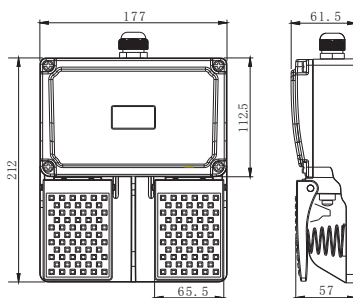
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm ² ×3芯 (Wire) ×0.25m
防护等级 Protection Degree	IP54

XF-85



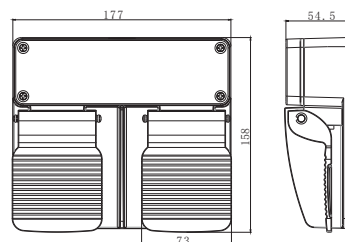
材 质 Material	ABS工程塑料 (Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1A×2
引出电缆 Outgoing Cable	0.5mm ² ×4芯 (Wire) ×0.25m
防护等级 Protection Degree	IP54

XF-86



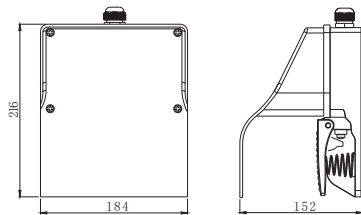
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	慢动型 (Slow Action Type)
额定负载 Rating Load	16A/250VAC
触点形式 Contact Form	1NC1NO×2
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-86S



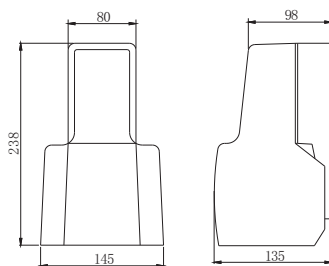
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C×2
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-87



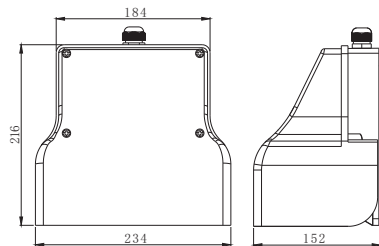
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	慢动型 (Slow Action Type)
额定负载 Rating Load	16A/250VAC
触点形式 Contact Form	INC1NO×2
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-88



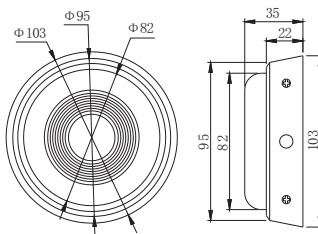
材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	慢动型 (Slow Action Type)
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	INC1NO
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-89



材 质 Material	铝合金 (Aluminium)
内置开关 Inner Switch	慢动型 (Slow Action Type)
额定负载 Rating Load	16A/250VAC
触点形式 Contact Form	INC1NO×2
引出电缆 Outgoing Cable	—
防护等级 Protection Degree	IP65

XF-91



材 质 Material	ABS工程塑料 (Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm ² ×3芯 (Wire) ×1m
防护等级 Protection Degree	IP54