- 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塑喷塑表面，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 stregenthening 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

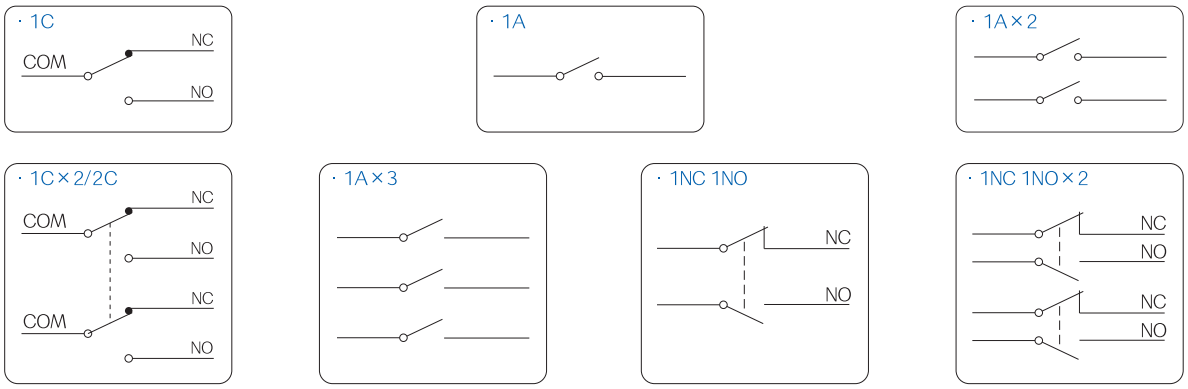
X F - □

- 设计序号 Design Number
- 脚踏开关代号 Foot Switch Code
- 企业代号 Company Code

□ 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

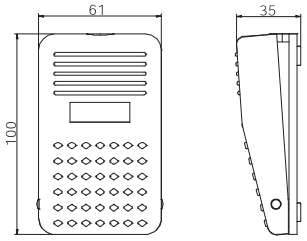
- 根据负载的性质和电流值的不同，请注意产品的额定负载，本系列产品分10A、15A与16A；
- 搬运以及移动时请注意内部配线的短路、断路等现象发生；
- 使用在有大量水、油、粉尘等场所时请注意产品的防护等级，本系列产品分防护型与非防护型；
- 重压和冲击是造成产品损坏的直接原因，请务必小心；
- “当心触电”与“注意”警示标志提醒大家使用时注意人身安全与产品的正常使用。

- 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

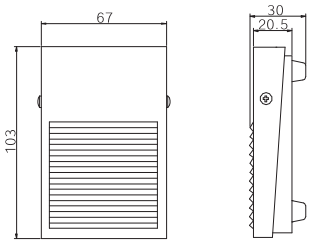




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-1

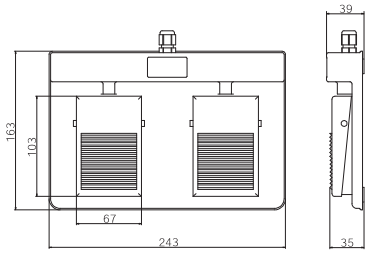




材　质 Material	钢板(Steel)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×1m
防护等级 Protection Degree	IP54

· XF-1D

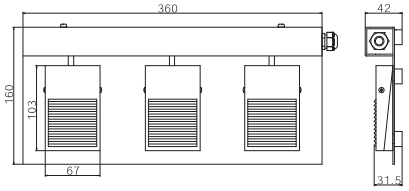




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1A×2
引出电缆 Outgoing Cable	0.5mm²×4C×0.25m
防护等级 Protection Degree	IP54

· XF-1T

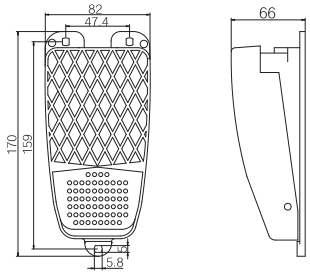




材　质 Material	钢板(Steel)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1A×3
引出电缆 Outgoing Cable	0.5mm²×6C×0.25m
防护等级 Protection Degree	IP54

· XF-101

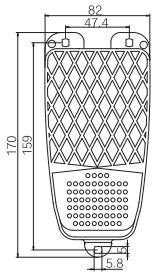




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.75mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-102

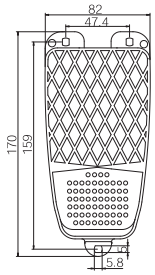




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-103

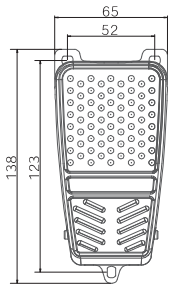




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	2C
引出电缆 Outgoing Cable	0.5mm²×6C×0.25m
防护等级 Protection Degree	IP54

· XF-2

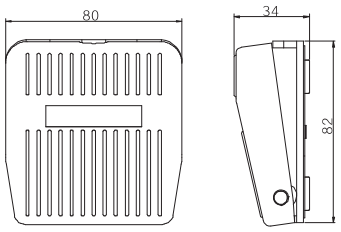




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-201

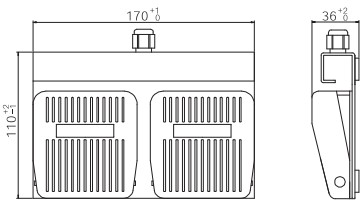




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

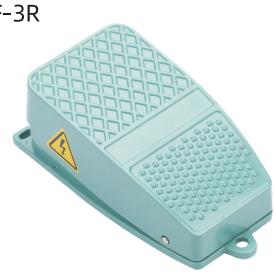
· XF-201D

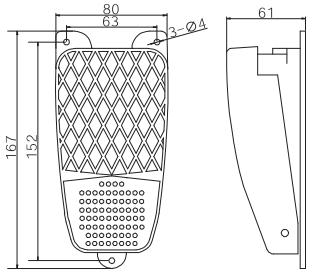




材　质 Material	ABS工程塑料(Plastic)+钢板(Steel)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C×2
引出电缆 Outgoing Cable	0.5mm²×6C×0.25m
防护等级 Protection Degree	IP54

· XF-3
XF-3R

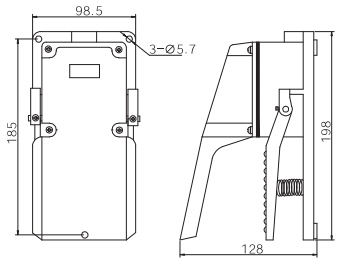




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-302

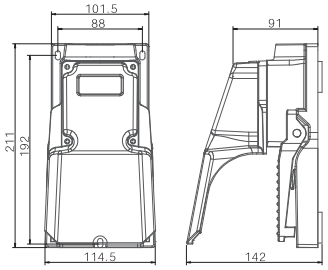




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-302B

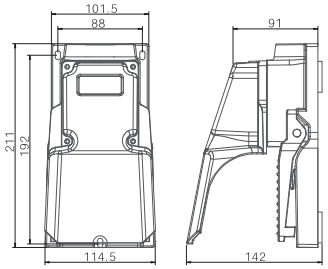




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

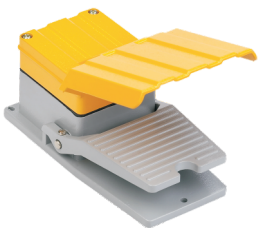
· XF-302BL(防误动作 Prevent misoperation)

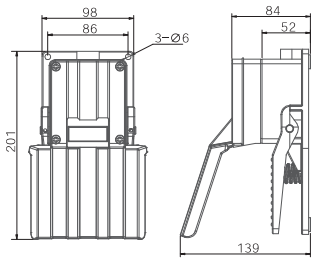




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-302C

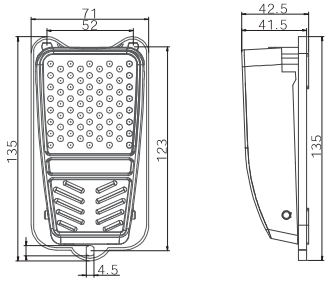




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-4

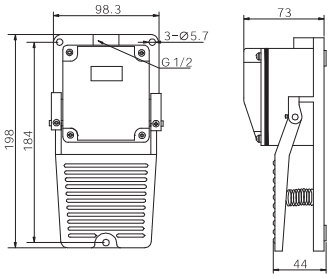




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

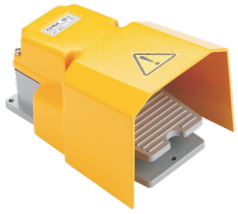
· XF-402
XF-402R

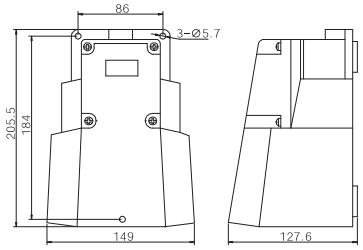




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

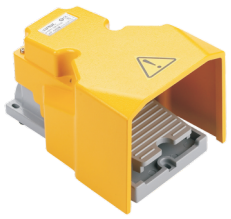
· XF-502

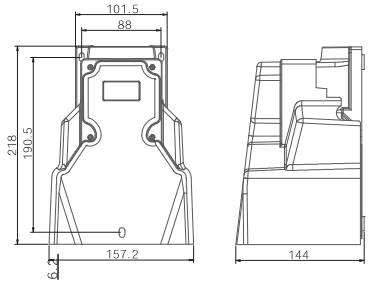




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

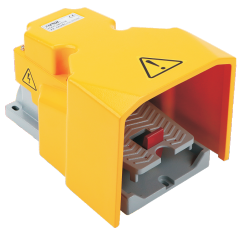
· XF-502B

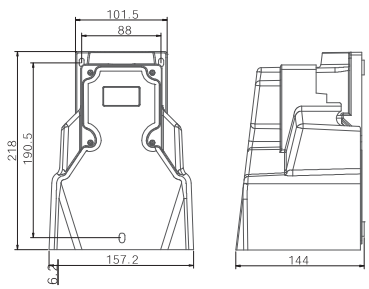




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-502BL(防误动作 Prevent misoperation)

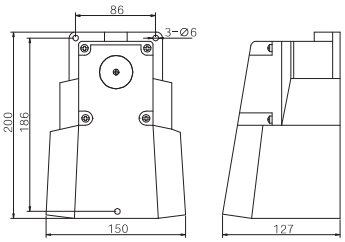




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-502S

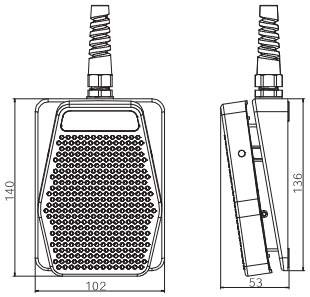




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	1C+1C
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-701

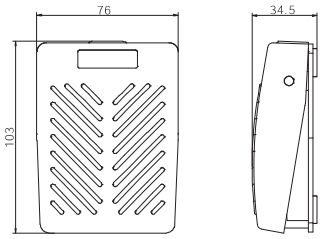




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1A
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-801

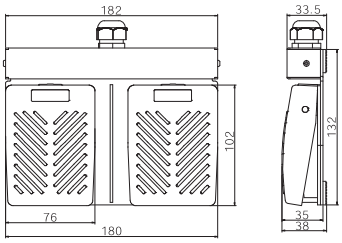




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	2A
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-801D

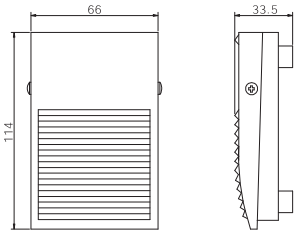




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XZ-15GW22-B
额定负载 Rating Load	15A/250VAC
触点形式 Contact Form	2A×2
引出电缆 Outgoing Cable	0.75mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-81

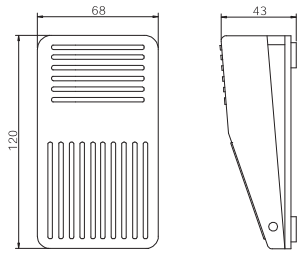




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm² × 3C × 0.25m
防护等级 Protection Degree	IP54

· XF-82

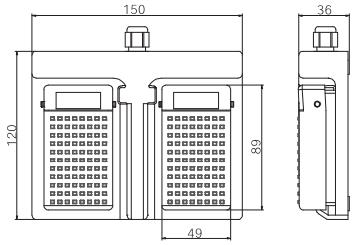




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

· XF-85

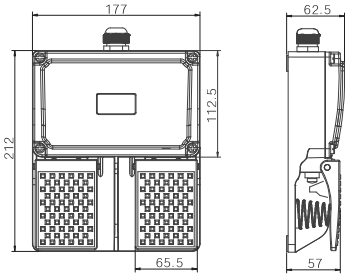




材　质 Material	ABS工程塑料(Plastic)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1A×2
引出电缆 Outgoing Cable	0.5mm²×4C×0.25m
防护等级 Protection Degree	IP54

· XF-86

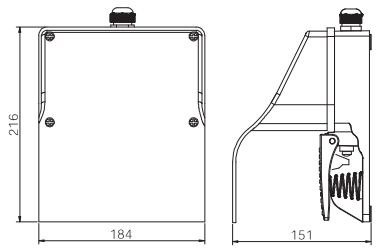




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	慢动型(Slow Action Type)
额定负载 Rating Load	16A/250VAC
触点形式 Contact Form	1NC1NO×2
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-87

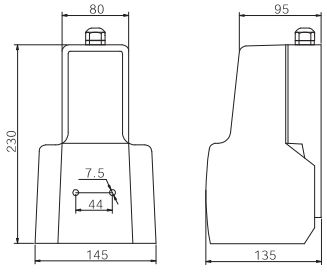




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	慢动型(Slow Action Type)
额定负载 Rating Load	16A/250VAC
触点形式 Contact Form	1NC1NO×2
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-88

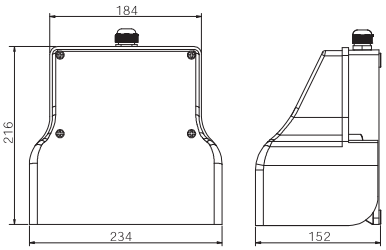




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	慢动型(Slow Action Type)
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1NC1NO
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-89

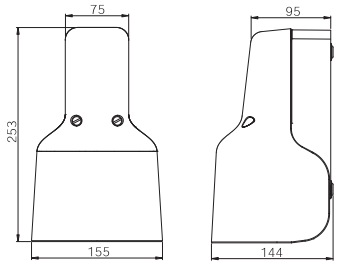




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	慢动型(Slow Action Type)
额定负载 Rating Load	16A/250VAC
触点形式 Contact Form	1NC1NO×2
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-90

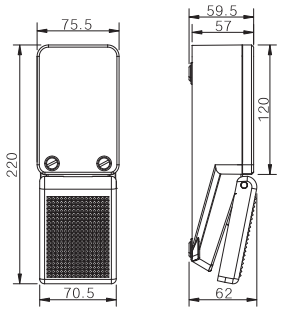




材　质 Material	锌合金(Zinc Alloy)
内置开关 Inner Switch	慢动型(Slow Action Type)
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1NC1NO
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-90S

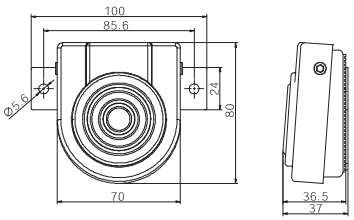




材　质 Material	铝合金(Aluminium)+ABS工程塑料(Plastic)
内置开关 Inner Switch	慢动型(Slow Action Type)
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1NC1NO
引出电缆 Outgoing Cable	--
防护等级 Protection Degree	IP65

· XF-901

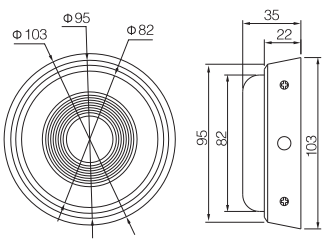




材　质 Material	铝合金(Aluminium)
内置开关 Inner Switch	XV-15-1C25
额定负载 Rating Load	10A/250VAC
触点形式 Contact Form	1C
引出电缆 Outgoing Cable	0.5mm²×3C×0.25m
防护等级 Protection Degree	IP54

· 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	0.5mm²×3C×1m
防护等级 Protection Degree	IP54