

凱昆
機電·工控

KACON

不锈钢压铸脚踏开关

STAINLESS STEEL DIE-CASTING FOOT SWITCH

HRF-MD6



凯昆首款不锈钢压铸脚踏开关

KACON'S FIRST STAINLESS STEEL DIE-CASTING FOOT SWITCH



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www.kacon.com.cn

产品介绍

PRODUCT INTRODUCTION

- 踏板、底座采用304不锈钢压铸，耐冲击强度高，防变形，相比普通脚踏，使用寿命提升5倍以上；

The pedal and base are made of SUS 304 die-casting, which has high impact resistance and deformation resistance, Compared to ordinary foot pedals, the service life is increased by more than 5 times;
- 内部可选IPX8防水微动，不锈钢外壳无缝焊接，潮湿车间或户外工地等恶劣场景也能稳定运行；

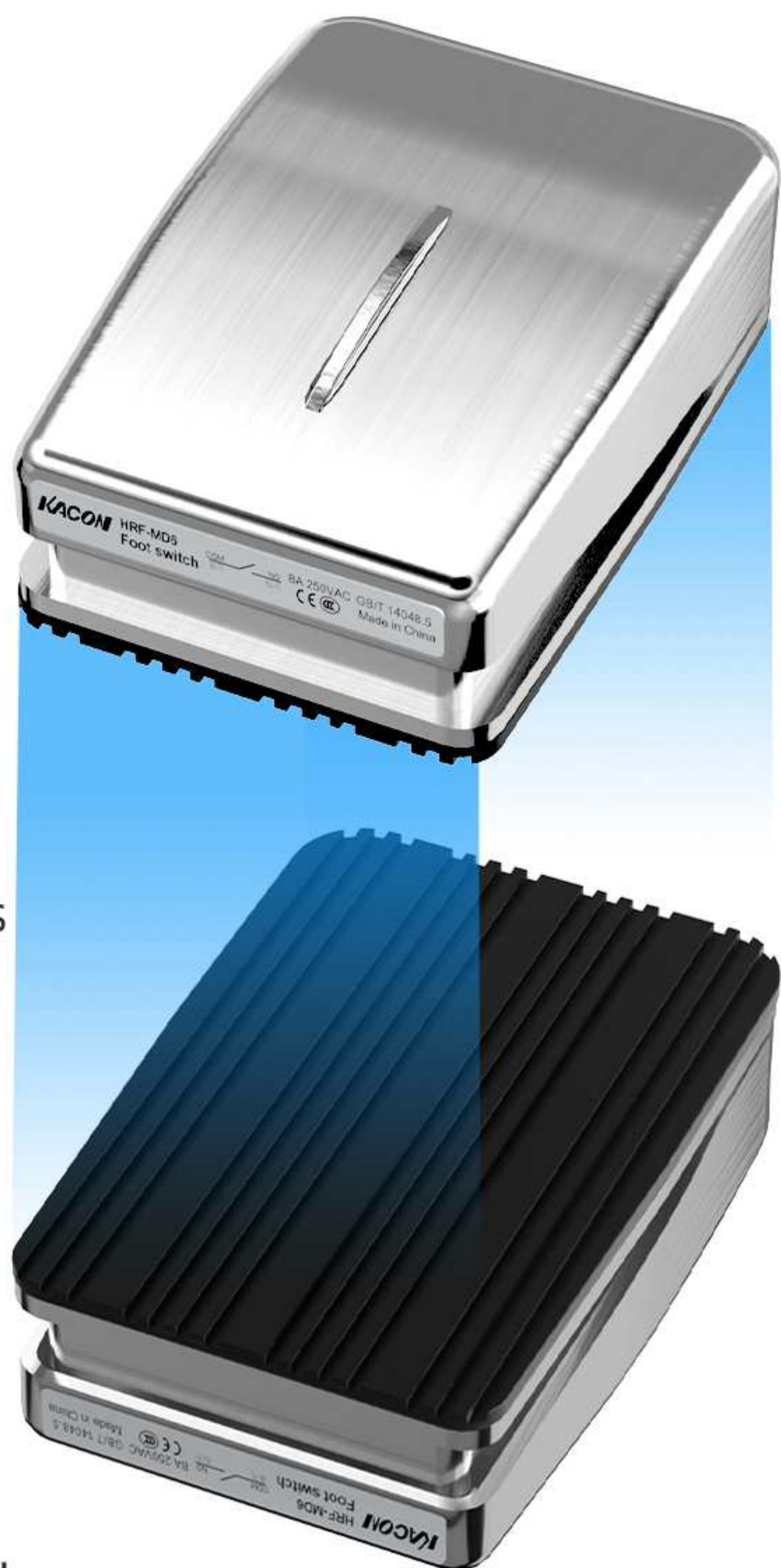
Internal optional IPX8 waterproof micro movement, seamless welding of stainless steel shell, suitable for damp workshop or Stable operation even in harsh environments such as outdoor construction sites;
- 不锈钢材质耐腐蚀，抗氧化生锈，无惧腐蚀性液体溅洒，适用于化工，电镀等高腐蚀行业；

Stainless steel material is corrosion-resistant, rust resistant, and not afraid of corrosive liquids splashing, suitable for In high corrosion industries such as chemical and electroplating
- 不锈钢表面不沾油污，易清洁更卫生，符合食品、医疗行业高标准的卫生要求；

Stainless steel surface is free from oil stains, easy to clean and hygienic, meeting high standards in the food and medical industries Standard hygiene requirements;
- 符合人体工学的踏板弧度，踩踏反馈灵敏省力，搭配多种安装孔位与接线方式，适配不同设备需求，安装便捷；

Ergonomic pedal curvature, responsive and effortless pedaling feedback, paired with multiple mounting holes Adapt to different device requirements with wiring methods, easy installation;
- 可根据需求定制不同线缆插头、防水微动开关、激光打标等服务；

We can customize different cable connectors, waterproof micro switches, laser marking and other services according to our needs;



命名规则

NAMING RULES

HRF

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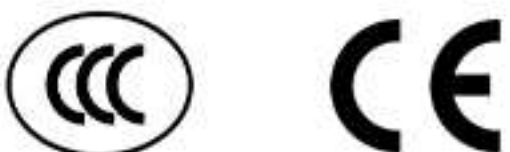
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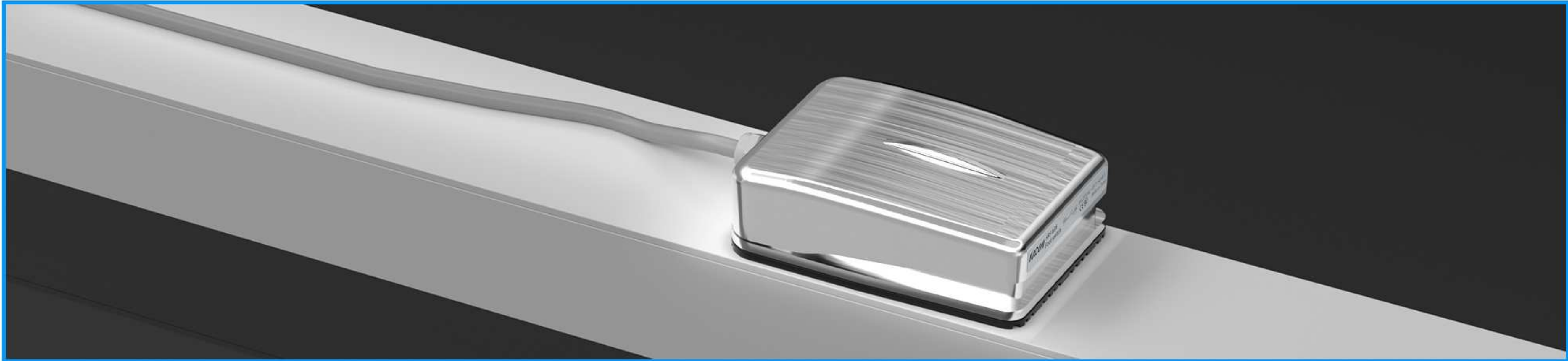
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①	型号 MODEL	③	微动模式 MICRO SWITCH	④	电缆线长度 CABLE LENGTH
MD6	不锈钢脚踏开关 Stainless steel foot switch	无 /	默认防尘微动开关 Standard dustproof micro switch	无 /	默认外露2米 Standrd 2m cable
②	微动组数 NUMBER OF MICRO MOTION GROUPS	F	防水微动开关 Waterproof micro switch	3M	外露3米 Exposed for 3m
无 /	默认单微动(两芯线) 2 micro switches (3 wires)			5M	外露5米 Exposed for 5m
2	双微动(三芯线) Standrd (2 wires)				

技术参数

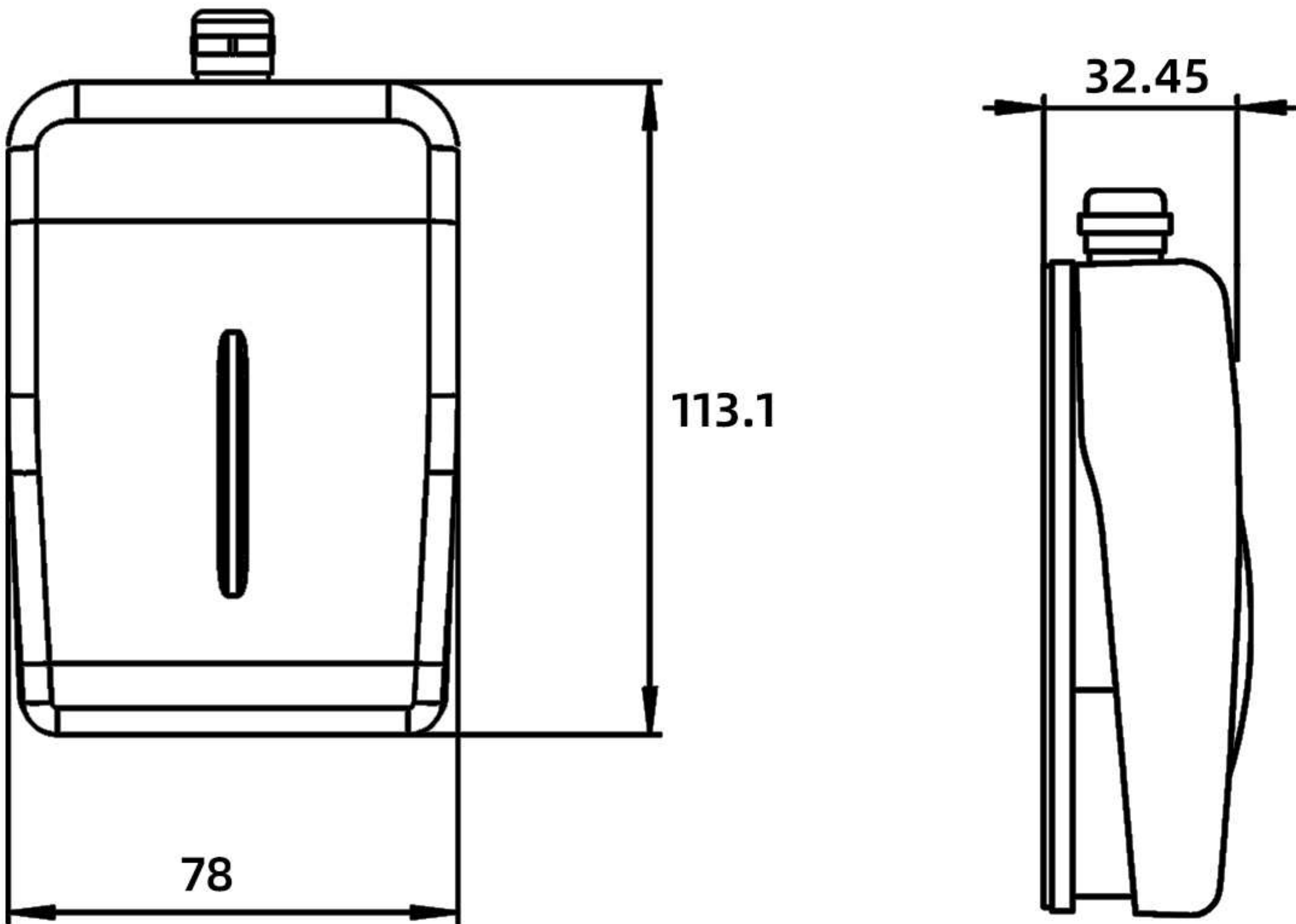
TECHNICAL PARAMETER

材 质 Material	304不锈钢（SUS 304）
接触电阻 Contact resistance	< 50mΩ,首次（ < 50m Ω, for the first time）
寿 命 Lifetime	机械寿命100万次以上， 电气寿命10万次以上 （Mechanical: > 1 million times; Electrical: > 0.1 million times）
绝缘电阻 Insulation resistance	100MΩ以上 500VDC测试（500VDC test above 100MΩ）
环境温度 Ambient temperature	-25℃~+70℃,无凝霜， 无结冰（-25℃~+70℃, no frost, no icing）
环境湿度 Ambient humidity	20%~85%RH
开关类型 Switch type	1~2个常开/常闭触点（1-2 normally open/normally closed contacts）
操 作 力 Operating force	约25N（about 25N）
防护等级 Protection grade	常规款IP40/防水微动款IPX8（regular IP40/waterproof micro movement IPX8）
连接类型 Line type	2米线缆， 其他连接器及长度可选定制 （2-meter cable, other connectors and lengths can be customized）
认 证 Authentication	



产品尺寸

PRODUCT SIZE



单位(Unit): mm

结构解析

STRUCTURAL ANALYSIS

不锈钢金属外壳
采用304不锈钢一体压铸而成，
耐腐蚀性强，抗氧化，耐冲击，
易清洁，机械性能优异

常规款内置微动开关
V15F-09C，采用银镍合金触点，
导电性强，反应灵敏

不锈钢弹簧
304不锈钢材质，延伸率
高，抗拉性强，机械性能
优异

脚踏标签图
显示产品型号，接线示意
图，认证等信息

防滑橡胶底板
采用丁腈橡胶(NBR)材质，有着
出色的耐油性、耐磨性、耐热性
和气密性

应用场景

APPLICATION SCENARIOS

医疗器材
Medical equipment

化工厂
Chemical plant

机床车间
Machine tool workshop

食品加工
Food processing

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