

FSC-66系列脚踏开关

FSC-66 Series of Foot Pedal Switch

产品介绍Product Description:

FSC-66系列脚踏开关专为各类中重载应用设计开发。可以满足从车间到户外作业的多种应用。

The FSC-55 foot pedal switch is designed for a variety of medium and heavy-duty applications ranging from workshop to outdoor works.

底座和踏板材料选用坚固耐用的压铸铝，表面做黑色氧化的防锈处理。防护罩采用同样材料，标准产品的漆面为警戒亮橙色。

The base and pedal are constructed from cast aluminum for strength and durability and surface finished with black oxidized for atmosphere resistance. The shield was made from the same material and painted alert orange as the standard version.

整体全密封的结构，防护等级可以达到IP67。

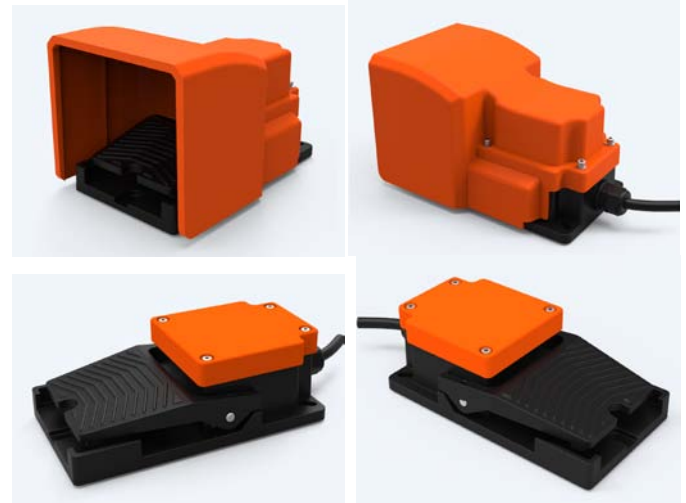
Fully sealed design makes the product reach IP67 class.

微动开关的电气寿命达500万次以上。SPDT和DPDT两种电路可选。

The micro action switch provides an operation life of above 5 million cycles, and SPDT and DPDT circuits are optional.

干簧管开关模块提供更高的稳定性和使用寿命。

The reed switch module provides much higher reliability and operation life.



产品特点FEATURES

- 中重载应用；
Medium and heavy duty applications.
- 铸铝材料
Cast aluminum
- 防护等级达到IP67；
IP67 class.
- 线缆长度和接插件可定制；
Cable length and connectors can be customized.

产品应用APPLICATIONS

- 工业及工业车辆
Industry and Industry vehicles.

➤ 主要技术参数 General Specifications

微动开关Micro Switch Version

开关形式 Switch Type		触点 Contacts
动作形式 Action Type		单级瞬动 Single Stage Momentary
电路 Circuitries		SPDT/DPDT
操作速度 Operation Speed		0.1mm~1m/s
容许操作频率 Rated operation frequency	机械 Mechanical	60 次/分钟 cycles/min
	电气 Electrical	60 次/分钟 cycles/min
绝缘电阻 Insulation resistance		100MΩ 以上 (DC500V 时)
接触电阻 Contact resistance		15mΩ 以下 (初期值)
绝缘强度 Dielectric strength		AC1,000V, 50/60Hz, 1 分钟, 在非连续性端子之间 AC1,500V, 50/60Hz, 1 分钟, 在带电金属部与不带电金属部之间、带电金属部与地线之间以及开关之间
抗振动 Vibration-resistance	误动作	10~55Hz 双振幅 1.5mm *
耐冲击 Shock-resistance	毁坏	1,000m/s ² 以下
	误动作	300m/s ² 以下*
寿命 Operation life		500,000 次以上
防护等级 Protection level		IP67
触电保护等级 Electric shock protection level		Class I
漏电性能 Leakage performance(PTI)		175
使用环境温度 Operation temperature		-25°C~80°C (无结冰)
使用环境湿度 Operation humidity		35%~85%RH

*误动作: 1ms 以下

干簧管开关Reed Switch Version

Sensitivity Range 灵敏度		
AT(安培匝数)	10-30	AT
Contact Rating 触点参数		
Contact Rating 触点额定值	5	W
switching voltage 开关电压	175	Vdc
Breakdown Voltage 击穿电压	200	Vdc
switching current 开关电流	0.25	A
carry current 负载电流	1.5	A
Initial contact resistance 初始接触电阻	0.1	Ω
Contcat Capacitance 接触电容	1	pF
Operate Temperature 工作温度	-40~125	°C
Storage Temperature 储存温度	-65~125	°C
Operating Characteristics 工作参数		
Operate Time 吸合时间	0.7	ms
Release Time 释放时间	1	ms
Shock 冲击	50	G
Vibration 振动	30	G
Resonant Frequency 振动频率	11	kHz
Magnetic Characteristics 磁参数		
Pull-In Range 吸合范围	10-30	AT
Rating Sensitivity	20	AT

➤ 外形&安装尺寸 Mechanical Dimensions(mm)

