

# 电梯磁性开关 Elevator Magnetic Reed Switches

## 介绍 Introduction

电梯磁性开关用于电梯的平层和井道，为电梯升降的限位控制用。由于采用了干簧管技术，克服了机械式开关容易损坏的缺陷，具有高可靠性、长寿命、响应迅速、不耗电、安装接线方便等优点。

In the elevator industry, magnetic reed switches are used for positioning and control. They are preferably used where mechanically actuated limit switches no longer function satisfactorily due to unfavourable operating conditions such as high or low start-up speeds, high switching frequencies, strong dust or dirt influence, high humidity, chemical atmospheres or large fluctuations in operation intervals.



BS01  
L:96 x W:24 x H:14



BS02  
L:89 x W:25 x H:25



BS03  
Φ 12 x 100

型号 Part No.	BS01	BS02	BS03
外壳材料 Housing Material	ABS	ABS	ABS
固定方式 Mounting Type	法兰安装 Screw Fastening	M4螺钉 M4 Screws	螺纹固定 Screw

## 触点规格 Contact Specifications

触点形式 Contact Form	触点常开、转换型和双稳态 (Form A, C, E)
动作原理 Operating Principle	磁铁触发 (Magnetic)
触点负载 Contact Rating Max	最大120W (Max. 120W)
开关电压 Switching Voltage	最大250VAC (Max. 250VAC)
击穿电压 Breakdown Voltage	>800VAC (More than 800VAC)
开关电流 Switching Current	最大3A (Max. 3A)
负载电流 Carry Current	最大5A (Max. 5A)
开关速度 Switching Speed	最大18m/s (Max. 18m/s)
开关频率 Switching Frequency	最大300Hz (Max. 300Hz)
动作时间 Operate Time	最大3.5ms (Max. 3.5ms)
释放时间 Release Time	最大0.5ms (Max. 0.5ms)

## 寿命 Life Expectancies

机械寿命 Mechanical	1 × 10 <sup>8</sup>
电气寿命 Electrical	DC220V/1mA, 1 × 10 <sup>6</sup> DC5V/10mA, 5 × 10 <sup>7</sup>
防冲击性 Shock Resistance	50g/11ms
防振动性 Vibration Resistance	35g (Sinusoidal Vibration)