



杭州全盛电气有限公司
HANGZHOU PROSPER ELECTRIC CO.LTD

SRH2578 系列导电滑环 SRH2578 Series

过孔直径 25.4mm
Through-bore dia.25.4mm

- ◆ 采用先进的纤刷技术设计及制造
- ◆ 完全满足 360 度无限制旋转的动力及控制信号传输
- ◆ 标准化产品规格
- ◆ 超长的使用寿命和免维护运转
- ◆ 各项技术指标达到国外同类产品
- ◆ 能为客户量身定制所需要的产品
- ◆ Make use of advanced sheaf brush technology to design and manufacture
- ◆ Suffice 360° unrestrained continuous rotation in transmitting power and/or data
- ◆ Modularized product
- ◆ Long life and maintenance-free operation



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典型应用 Applications

- ◆ 工业机器 - 加工中心, 旋转工作台
- ◆ 重型设备塔台或电缆卷盘, 试验设备
- ◆ 包装设备, 堆垛机, 磁性离合器, 工艺控制设备
- ◆ 旋转传感器, 紧急照明设备, 机器人
- ◆ 展览/显示设备、医疗设备
- ◆ Industrial machinery, e.g. rotary index tables, machining centers etc
- ◆ Cable reel, test equipment and machining centers
- ◆ Heavy equipment turrets
- ◆ Packaging machines, magnetic clutches, palletizing machines
- ◆ Process control equipment
- ◆ Rotary sensors, robotics, emergency lighting
- ◆ Display/ Medical equipment, Exhibit equipment

电气技术指标 Electric data

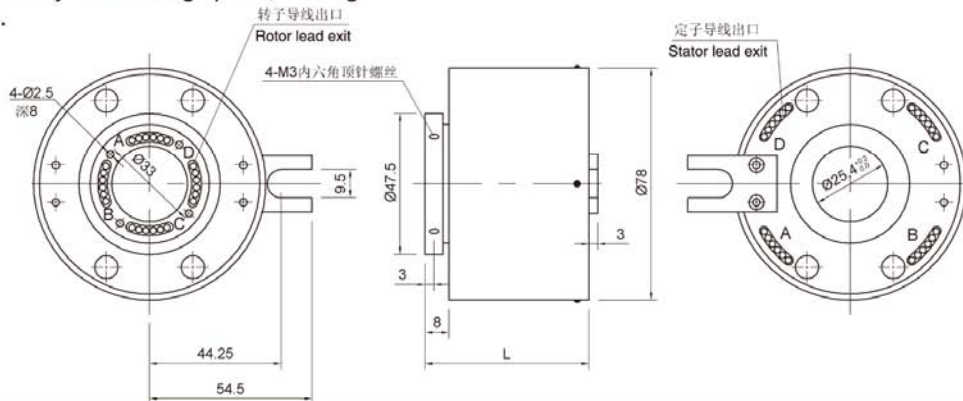
| 项目 Item | 参数 Specification | |
|--------------------------------------|---|------------------------------|
| | 功率 (Power) | 信号 (Signal) |
| 电压 Voltage | 0-600VAC | 0-240VAC |
| 电流 current | 10A | 2A |
| 绝缘电阻 Insulation Resistance | ≥1000MΩ/500VDC | ≥500MΩ/500VDC |
| 导线规格 Lead type | 镀锡铁氟龙或 PVC 绝缘 tinning wires, PTFE or PVC insulated | 镀银铁氟龙 silver plated, PTFE |
| 绝缘强度 Dielectric strength | 500VAC@50Hz, 60s | |
| 导线长度 Strength Lead Length | 500mm 或根据客户要求提供 500mm (or length on request) | |
| 动态接触电阻变化值 Dynamic contact Resistance | ≤0.01Ω | |

机械技术指标 Mechanical data

| 参数 Specification | 单位 Unit |
|-------------------------|------------------------------------|
| 工作速度 Operating Speed | 0-1000 rpm / 0-1000 rpm continuous |
| 接触材料表面 Contact material | 金或银合金 / Gold or silver alloy |
| 轴承 Bearing | 钢珠轴承 / steel ball bearing |
| 壳体材料 Housing | 工程塑料 / Engineering plastic |
| 工作温度 Temperature range | -40°C 到 80°C / -40°C to 80°C |
| 防护等级 IP | IP 51-IP 65 |

滑环寿命由工作转速, 工作环境和温度决定

The life of the slip ring is decided by the rotating speed, working environment and temperature.



型号选用说明 Type instruction

SRH 2578 - 6P / 12S



| 型号 Model | 长度 (L=mm) | 电流 Current | | 总环道 rings |
|-----------------|-----------|---------------|---------------|-----------|
| | | 功率 Power(10A) | 信号 Signal(2A) | |
| SRH2578-6P | 55 | 6 | — | 6 |
| SRH2578-12S | 55 | — | 12 | 12 |
| SRH2578-12P | 79 | 12 | — | 12 |
| SRH2578-6P/12S | 79 | 6 | 12 | 18 |
| SRH2578-24S | 79 | — | 24 | 24 |
| SRH2578-18P | 103 | 18 | — | 18 |
| SRH2578-12P/12S | 103 | 12 | 12 | 24 |
| SRH2578-6P/24S | 103 | 6 | 24 | 30 |
| SRH2578-36S | 103 | — | 36 | 36 |
| SRH2578-24P | 127 | 24 | — | 24 |
| SRH2578-18P/12S | 127 | 18 | 12 | 30 |
| SRH2578-12P/24S | 127 | 12 | 24 | 36 |
| SRH2578-6P/36S | 127 | 6 | 36 | 42 |
| SRH2578-48S | 127 | — | 48 | 48 |

长度L与实际尺寸误差为 ± 1mm

To compare with the actual size, the tolerance of length is ± 1mm

可按客户要求订制各种滑环, 也可提供OEM产品

Manufacture the slip ring according to customer's request, We also welcome OEM to join us.