

PSR-T38-6-2E

网络高清滑环 slip ring for Ethernet



PSR-T38-6-2E型网络高清滑环是标准的过孔式滑环和ETHERNET组合产品，提供6路传输通路(通路数可拓展)，10A/路传输电源或信号同时组合以太网通信；可用于10 / 100BaseT 和 1000BaseT（千兆位以太网）这两种以太网通讯。以太网电缆提供带有RJ45插孔，方便连接, 供传输高清视频、高速数字等信号。

导电环接触材料使用金, 采用90度V型槽设计，低力矩，低损耗，低电气噪音，彩色耐高温导线简化电气连接, 领先同类滑环。

PSR-T38-6-2E slip ring is a standard through bore, off-the-shelf series product which provides Ethernet communication in combination with 10am power connections. Available with both 10/100BaseT and 1000BaseT (Gigabit Ethernet). And the Ethernet cable is supplied terminated with a RJ45 jack, ready to connect. Provides the transmitting of video over Ethernet and high speed data.

The slip ring uses gold contacts at the rotary interface. Using a 90°V-groove ring design for each ring, the PSR-T38-6-2E provides smoother running, lower torque low contact wear rates than competitive slip ring. Provides 6 electronic circuit combine the Ethernet communication(more circuits is optional).Color-coded lead wires are used on both stator and rotor for simplified electrical connections.

网络高清系列编码简示

PSR - T38- 6 - 2E

产品代码
Product Code

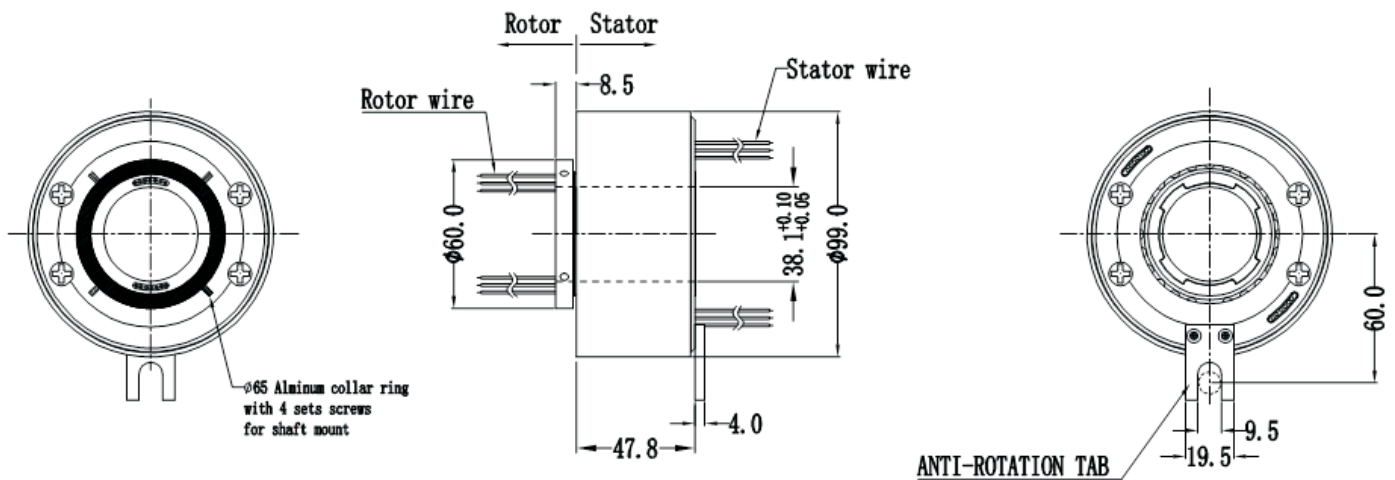
系列代码
Model Code

以太网模块
2 ETHERNET

通路数 Ways
6、12、18...、60

基本型号及尺寸 Basic Model and Size

过孔直径 ID	38.1mm	外径 OD	99mm
基本型号 Model NO	通路数 Circuits (2A/ring)	Ethernet (环) 1000BaseT	长度L Length "L"
PSR-T386-2E	6	8	47.8mm
PSR-T38-12-2E	12	8	72mm
PSR-T38-24-2E	24	8	120mm



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特性 Feature

紧凑化设计, 小体积, 满足苛刻空间需求
Compact miniature design, small size fit for harsh space

模块化设计, 满足更高电流, 转速, 外形等需求
Module design; Meet the most of requirement

ETHERNET 完全兼容 IEE 802.3 格式; 提供带有 RJ45 插孔
Fully compliant with IEE 802.3 format

--10BaseT --100BaseTx --100BaseT2 --1000BaseT
--10BaseT --100BaseTx --100BaseT2 --1000BaseT

支持传输电源和数据信号及高速数字信号混合传输
combine high speed data IP HD video signal and power in same slip ring

典型应用 Typical Application

数字高清 CCTV IP 监控/高清云台
CCTV Monitoring System;

电机控制
Motor control: SERCOS II, ETHERCAT

医疗设备
Medical equipment

机器人, 管道勘测
Robotics;

材料及配件 Material and Parts

壳体材料 House	铝合金 Al Alloy
接触材料 Contact material	贵金属: 金-金 Precious Metal: Gold-Gold
导线 Lead Wire	12色 AWG#28 Teflon 高温导线 12 color #28 AWG Teflon wire
轴承 Bearing	精密滚珠轴承 Precision ball bearings

可选项 Options

防尘以及一定程度防水
Splash seals for dust and light fluid splash

支持更多通路数: 1-60路
Can combine more circuits: 1-60 rings

导线长度可选
Lead wire lengths is optional

可选法兰盘安装
Flange for set up

电气性能 Electrical Spec

额定电压 Rating voltage	380VAC 380VAC on power circuits
额定电流 Rating current	Ethernet plus 2A/路, 并联支持 5A, 10A 电源传输 (线路并联) Ethernet plus 2amp, 5amp and 10amp connections
绝缘电阻 Insulation resistance	1000MΩ@500VDC 1000MΩ@500VDC
耐压 Dielectric strength	600VDC@50Hz 600VDC@50Hz
电气噪音 Electrical noise	30mΩ@6VDC, 50mA, 5Rpm 30mΩ@6VDC, 50mA, 5Rpm

机械性能 Mechanical Spec

转速 Speed	300转/分钟 300Rpm
扭矩 Torque	40N.M 40N.M
防护等级 Seal class	Ip54 Ip54

环境 Environment

工作温度 Operation temp.	-40 °C ~ +80 °C -40 °C ~ +80 °C
机械振动 Mechanical vibration	MIL-SID-810E MIL-SID-810E
相对湿度 Relative humidity	60% 60%

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