

QCN0203-03P3-47S Power / Signal+ Pneumatic/Hydraulic

This is a integrated slip ring with 3 rings 10A,5 rings normal signal,1 group RS422,1 group RS232,1 group USB2.0,1 group 1000M Ethernet and 1 group HDMI.with 2 channels for liquid,the inner center hole can pass through the drive shaft, gas-liquid passage,it can also integrate high frequency,fiber,encoder,wave guide,gas and liquid and other joints.Slip rings can be used in any electromechanical system that requires unrestrained,continuous rotation while transferring power or data from a stationary to a rotating structure.

Features


- ◆ Various signal integrated
- ◆ Temper $-45^{\circ}\text{C}/+80^{\circ}\text{C}$
- ◆ Two channels for liquid
- ◆ Low torque

Applications

- ◆ Electrical test equipment
- ◆ Tilt camera mounts
- ◆ Exhibit display equipment
- ◆ Robotics

Optional

- ◆ Circuit number
- ◆ Current rating & number
- ◆ Interface size
- ◆ IP protection grade

QCN0203-03P3-47S	Specification	Picture
Current	3*10A,5*signal ,1*RS422,1*RS232,1*USB2.0,1*1000M Ethernet and 1*HDMI .2* liquid	
Voltage	0~220VAC/VDC	
Electrical noise	$\leq 30\text{m}\Omega(50\text{rpm})$	
Dielectric strength	$\geq 1500\text{V}@50\text{Hz}$ (power) $\geq 300\text{V}@50\text{Hz}$ (signal)	
Insulation resistance	$\geq 500\text{M}\Omega@500\text{VDC}$ (power) $\geq 100\text{M}\Omega@100\text{VDC}$ (signal)	
Operating speed	0-100 rpm	
Contact material	Precious metals	
Housing material	Aluminum alloy	
Hydraulic channel	2 channel*water (G3/8")	
Pressure	$\leq 1.0\text{MPa}$	

Outline Drawing

