

Turntable Slip Rings



Electrical & Electronics		Mechanical		Enviromental	
Number of circuits	135CKT	Rotating speed	0~300rpm	Temperature	-20°C~+60°C
Current	4x15A+22x10A+13x5A+72x2A+2E2+3x1553B	Contact material	Precious metal/ Gold to Gold	Humidity	≤60%RH
Voltage	400VAC/48VDC	Housing material	Aluminum alloy	Protection Grade	IP44
Dielectric strength	≥1000VAC@50Hz ≥300VAC@50Hz (signal)	Wire type	AWG14/17/22 /26# 2-core shielded twisted pair wire/ 1553B/network cable	Others	
Insulation resistance	≥500MΩ@500VDC ≥100MΩ@300VDC (signal)				
Electrical noise	≤10mΩ(at 50rpm)	Wire length	Rotor side: 1.5m Stator side: 1.5m	Life span	Can be customized

Features

- Simultaneous transmission of power and signal
- Adopts gold-to-gold contact to transmit signal
- Long service life, maintenance-free
- Compact structure, main shaft is equipped with 4mm gas channel

Advantages

- Able to integrate up to 135 channels
- Module design, guarantees consistency of the products
- Compact structure, small size
- Adopt special soft wire

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Model	Applications
LPT004-073-0415-2210-1305-7202-02E2-03S	2D simulation turntable

Outline drawings

