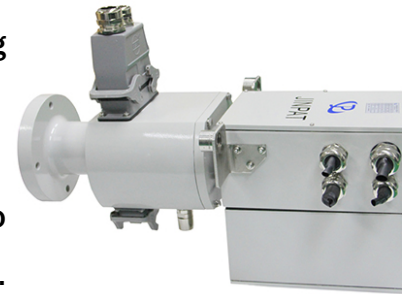


LPW-0340-23S Wind Turbine Slip Ring

This unit can be used in any electromechanical system that requires unrestrained, continuous rotation while transferring power or data from a stationary to a rotating structure.

This unit of product is constantly being extended in order to also meet the developments in signal and data Transmission. JINPAT has developed a comprehensive standard programmed that is able to offer optimum Solutions. It can provide power supply, transmit control signal and communication signal.



- ◆ The operating life of the unit depends upon temperature, rotation speed and environment.
- ◆ The operating life $\geq 120,000,000$ runs ref.

Features



- ✓ 23 circuits models
- ✓ Scope of application: 1.25~2.0MW
- ✓ Wiring and max number of poles
- ✓ Gold to gold, Long service life
- ✓ More technical details, Volume of delivery
- ✓ Outlet way: rotor side connection, stator side junction box connection
- ✓ With lightning protection box, junction box with surge protection

Technical Parameters			
Number of Circuits	3 circuits(power)+22 circuits(signal)	Current	3 circuits@ 40A, 23 circuits
Voltage Rating	400VAC(power), 24VDC(signal)	Operating Speed	0~25RPM
Working Temperature	-40°C~+80°C	Scope of application	1.25~2.0MW
Housing material	Aluminum alloy paint	Torque	1N·M
Working life	About 220 million RPM (According to the working environment)	Contact material	Gold / Gold
Dynamic resistance fluctuation	$\leq 10m\Omega$ (at 50rpm)	Protection Class	IP65
Pressure strength	$\geq 500V@50Hz$ (power) $\geq 300VAC@50Hz$ (signal)	Lead Size	7-core shielded cable / four-core shielded wire / Four core CAN bus
Insulation Resistance	500M Ω @500VDC(power) 100M Ω @100VDC(signal)	Working Humidity	0~100%RH



TEMPERATURE RANGE
-40° C to 80° C



MAXIMUM OPERATING SPEED
0-25 RPM

Applications

- ✓ Wind turbine generator



Advantage



- ✓ Digital signals up to max. 500 kB
- ✓ Diameters > 10 m, high rotation speed
- ✓ Extreme operating conditions
- ✓ Provide encoder according to different design model
- ✓ Protection class: IP 65

Wire Color Code

Wire Size	Ring #	Color	Ring #	Color	Ring #	Color	Ring #	Color
AWG32# silver plated copper Teflon UL	#1	BLK	#2	BRN	#3	RED	#4	ORG
	#5	YEL	#6	GRN	#7	BLK-BLU	#8	PUR
	#9	GRAY	#10	WIT	#11	PINK	#12	AZURY
	#13	WIT/BLK	#14	WIT/BRN	#15	WIT/RED	#16	WIT/ORG
	#17	WIT/YET	#18	WIT/GRN	#19	WIT/BLU	#20	WIT/PUR
	#21	WIT/GRAY	#22	CLAR	#23	BLK-RED	#24	BLK/BRN

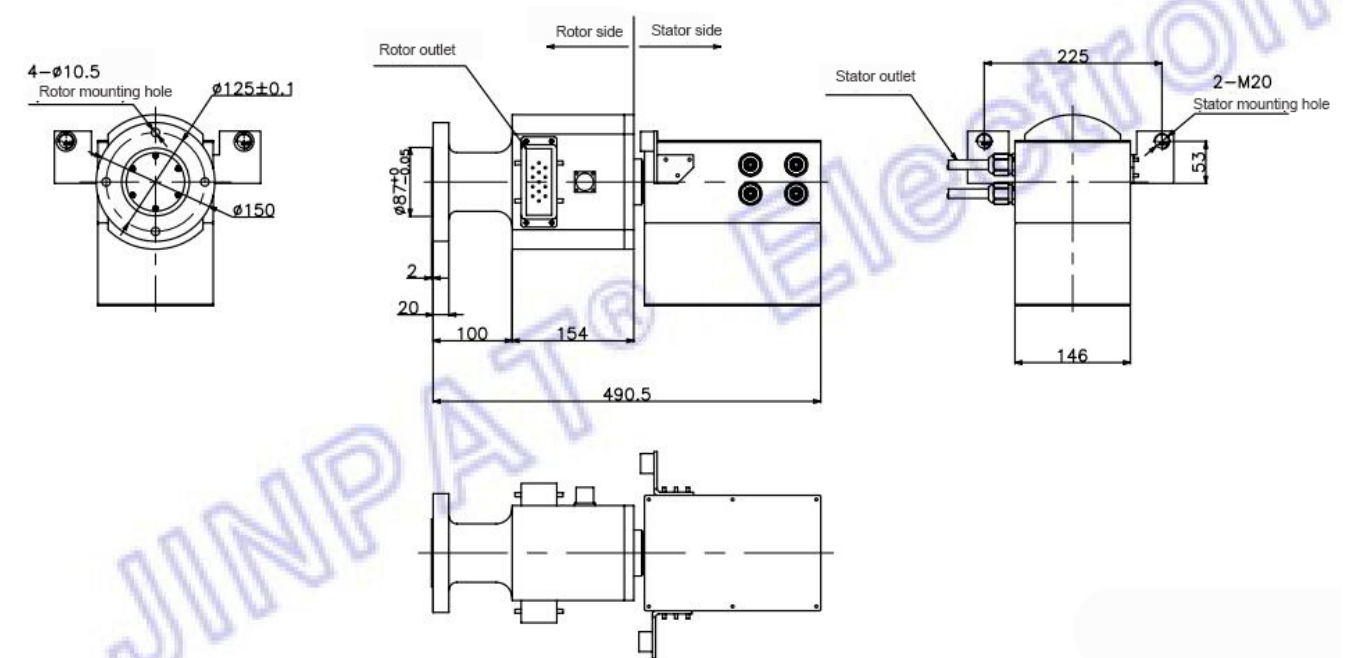
Remarks: 1. AWG32# silver plated copper Teflon UL, 24 different color single wires for a circle

2. #1 from rotor side (The color if the wire can be changed).

Contact us on wire color codes

Drawings

Model: LPW-0304-23S



MESSAGE

Any questions about slip ring, please leave your message to get a professional solution

PRODUCT CATEGORY

FORJ
Capsule slip ring
Through bore slip ring
Pancake slip ring
Mercury slip ring
Separate slip ring
Miniature slip ring
Wind turbine slip ring
Hydraulic slip ring
Pneumatic slip ring
Coaxial rotary joints

REQUESTS

Circuits
Current&voltage
Signal details
Dimension
Working speed
Working temperature
Operating
Environment
Other

INDUSTRIES

Surveillance
Crane
Medical
Marine
Defence
Radar antenna
Automation
Meter and instrument
Wind turbine generator
VR Device
Other



Send