

# Floating Crane Slip Rings



| Electrical & Electronics |  | Mechanical       |  | Environmental    |             |
|--------------------------|--|------------------|--|------------------|-------------|
| Number of circuits       | 40CKT                                    | Rotating speed   | 0~5rpm   | Temperature      | -20°C~+50°C |
| Current                  | 9×800A+1×PE+30×20A+4×fluid               | Contact material | Precious metal/copper graphite                   | Humidity         | ≤95%RH      |
| Voltage                  | 440VAC/230V                              | Housing material | Q235   | Protection Grade | IP22        |
| Dielectric strength      | ≥2500VAC@60Hz<br>≥500VAC@60Hz (signal)   | Wire type        | 150mm <sup>2</sup> rubber wire/<br>AWG12# Teflon | <b>Others</b>    |             |
| Insulation resistance    | ≥500MΩ@1000VDC<br>≥500MΩ@500VDC (signal) | Wire length      | /  |                  |             |

## Features

- Large size, outer configuration 1.3\*1.3\*3M
- Super long service life, regular maintenance
- Excellent transmission performance, smooth operation, good isolation with hydraulic channel and pneumatic channel

## Advantages

- Simultaneous rotary transmission of high power, signals, gas and fluid.
- Adopts imported graphite brush with stable performance
- Large pipe diameter high temperature rotary joint, can endure high temperature up to 150°C, 65mm pipe diameter

| Large Current Slip Ring    |                |
|----------------------------|----------------|
| Model                      | Applications   |
| LPA000-09800-01PE-3020-04L | Floating Crane |

## Outline drawings

