

# Three-Circuit High-Current Direct Plug Slip Ring

This direct plug slip ring facilitates straightforward connections. Featuring three circuits, the H series slip rings are compact, cost-effective, and designed for industrial manufacturing, with each ring capable of carrying 7 amps.



## Product Overview

### Compact High-Current Slip Ring

The H-series three-circuit plug-in slip ring provides a reliable and environmentally friendly solution for power and signal transmission in rotating machinery. Designed for industrial efficiency, this mercury-free unit supports high-speed rotation up to 400 RPM and is fully compatible with industry-standard replacement parts. Its plug-straight design allows for rapid installation, making it an ideal choice for food manufacturing, packaging equipment, and automated robotics.

## Performance Metrics

### Performance Highlights

**7 A**

Current per Ring

**400 RPM**

Max Rotation Speed

**240 V**

Voltage Rating

## Technical Specifications

### Electrical Characteristics

Parameter	Specification
Insulation Resistance	200M $\Omega$ @ 500DC
Dielectric Strength	AC 600V @ 60Hz, 60S
Electrical Noise	10 milliohms MAX @5rpm
Circuit Count	3 Circuits

### Temperature Ratings

- Operating Temp: -20°C to +80°C
- Storage Temp: -30°C to +85°C

## Features & Compliance

### Key Features

Mercury-free, Fast mounting, Precious metal contact, Compact design

## Applications

### Applicable Industries

- Food manufacturing machines
- Packaging equipment
- Robotics
- Rotary tables and sensors
- Test and display equipment