# A Series Mercury slip ring

SenRing mercury slip ring also called mercury rotating connector(rotary joint),support 1~12circuits power /signal(current 0.1mA~1500A).It's is produced with special sealing materials,insolution and conductive technology,made of aluminum alloy or stainless steel,applied for any rotating objects of signal transmitting such as:tiny voltage, EMF, thermocouple, strain gauge,audio and video signals, high frequency, computer signals and electric power connections.

## Features

- Anti-interference, low cost
- Contact resistance is less than the 1mΩ
- Mercury slip ring is used with special sealing materials,insolution and conductive technology production,no maintenance, better reliability than traditional slip ring
- Suitable for signal and power transmitting of any rotating devices;
- Housing material is made of aluminum alloy or stainless steel
- Applied for any rotating objects of signal transmitting such as: tiny voltage,EMF,thermocouple,strain gauge,audio and video signals, high frequency,computer signal and electric power connections;
- Integrated structure design, easy installation.

## Model List

| model | Poles | Current(A) | AC/DC(V) | MHZ | Contact Resistance | max rotating speed Max rpm | working temp. Max/Min ℃ | torque (x10-3Nm) | insolution resistance |
|---|---|---|---|---|---|---|---|---|---|
| A1H25S | 1 pole | 250A | 0 | 200MHZ | <1mΩ | 1200rpm | -29~60℃ | 250 | 0 |
| A1H35S | 1 pole | 350A | 0 | 200MHZ | <1mΩ | 800rpm | -29~60℃ | 300 | 0 |
| A1H25PS | 1 pole | 250A | 0 | 200MHZ | <1mΩ | 1200rpm | -29~60℃ | 250 | 0 |
| A1H65PS | 1 pole | 650A | 0 | 200MHZ | <1mΩ | 200rpm | -29~60℃ | 1000 | 0 |
| A1H150PS | 1 pole | 1500A | 0 | 200MHZ | <1mΩ | 100rpm | -29~60℃ | 2000 | 0 |
| A2H | 2 pole | 30A | 250V | 200MHZ | <1mΩ | 1800rpm | -29~60℃ | 200 | >25mΩ |
| A3H | 3 pole | 30A | 250V | 200MHZ | <1mΩ | 1200rpm | -29~60℃ | 400 | >25mΩ |
| A4H | 4 pole | 30A | 250V | 200MHZ | <1mΩ | 300rpm | -29~60℃ | 400 | >25mΩ |
| A6H | 6 pole | 30A | 250V | 200MHZ | <1mΩ | 300rpm | -29~60℃ | 700 | >25mΩ |
| A8H | 8 pole | 30A | 250V | 200MHZ | <1mΩ | 200rpm | -29~60℃ | 1000 | >25mΩ |
| A1030 | 10 pole | 30A | 250V | 200MHZ | <1mΩ | 100rpm | -29~60℃ | 1500 | >25mΩ |
| A1230 | 12 pole | 30A | 250V | 200MHZ | <1mΩ | 60rpm | -29~60℃ | 2000 | >25mΩ |
| A1M | 1 pole | 10A | 0 | 200MHZ | <1mΩ | 3600rpm | -29~60℃ | 35 | >25mΩ |
| A1M2 | 1 pole | 20A | 0 | 200MHZ | <1mΩ | 2000rpm | -29~60℃ | 50 | 0 |
| A1M5 | 1 pole | 50A | 0 | 200MHZ | <1mΩ | 1800rpm | -29~60℃ | 70 | 0 |
| A2S | 2 pole | 4A | 250V | 200MHZ | <1mΩ | 2000rpm | -29~60℃ | 75 | >25mΩ |
| A3S | 3 pole | 4A | 250V | 200MHZ | <1mΩ | 1800rpm | -29~60℃ | 100 | >25mΩ |
| H43010 | 4 pole | 30A | 250V | 200MHZ | <1mΩ | 100rpm | -29~60℃ | 2000 | >25mΩ |

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