

Description

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

A slip ring is also called a rotary electrical interface, collector, swivel or a commutator. A slip ring can improve system performance by simplifying operations and eliminating damage-prone wires dangling from movable joints.



| giing irom movable joints. | | | | | |
|----------------------------|------------------|-------------|-------------------------|-----------------|-----|
| , | Rotor Side Sto | ator Side | | | |
| 4-ø3.2 EQS | _ | | 1-ø3.2 EQS √ø6.2∗90° | ø102±0.15 | |
| Ø108±0.15 | | | | | |
| Ø102±0.15 | | | | ø108±0. | 15 |
| | | ø28±0.1 | 5 | | |
| Ø28±0.15 | • | Ulla | X | | |
| | - a 16 | (C) | 1 | 4 | |
| | (6) | 9 | | 1 | |
| 6 | 100 | | ⊕ - — - (→) | (-) | |
| | - | | 1 | | |
| | | | 1 | | |
| | | | 1 0 | | |
| | | | | | |
| | | | 1-1 | | |
| Rotor wire | 2 | 2 | 1 | \Stator w | ire |
| 0 | 3+0.5 | | | | |
| | | | | | |

| Electronic & Electric | | Mechanical | | | |
|--------------------------|----------------|---------------|--|-----------------------------|--|
| Circuits Total | | 8CKT | Working Speed | 0~100rpm | |
| Oncarto | Detail | 8x5A | Contact Material | Precious Metal | |
| Rating Voltage | | 240V | Housing Material | FR-4 | |
| Diele Strei | ectric ngth | 300VAC@50Hz | Lead Wire Length | Stator:300mm Rotor:300mm | |
| Insulation Resistance | | ≥300MΩ@300VDC | Inner Diameter | φ28mm | |
| Environment | | Remarks | | | |
| Worki empe | 0 | -20°C~+60°C | Application | / | |
| Working | Humidity | ≤60%RH | Other | / | |
| IF | D | 1 | Note: "P" stands for power, "S" stands for signal. | | |