

Description

The SRT-50 is a reliable, cost-effective, and proven product that provides excellent performance for many applications. It is a very versatile slip ring due to its unique design. This slip ring is featuring a Through Bore can transmit both signal and power effectively. Commonly used on any application requiring compact solution with central passage ability for cables, shaft, etc.

Model Family	Industry	Application
SRT-50	Multiple	Packaging, Automation, Rotary Table

Electrical Features

Electrical Channels	Up to 36
Voltage, max	600 VAC/DC for power – 30VDC for signal
Current, max steady state	10 A power, 5 A signal
Data Communication Speed	Up to 100 Mbps for signal
Conductor Ring	Silver/Gold Plated Copper Alloy
Brush Contact	Alloy monofilament or polyfilament
Wiring	1 mm ² power/0.34 mm ² signal
Connection, stator	Flying leads wire
Connection, rotor	Flying leads wire

Mechanical Features

Speed, max.	250 rpm
Direction of Rotation	Bi-Directional
IP Rating	Standard IP51 - Max IP68
Mounting Orientation	Vertical or Horizontal
Temperature, operating	-20 °C to +80 °C
Temperature, storage	-40 °C to +90 °C
Material, housing	PA66 glass fiber reinforced
Material, rotor	PA66 glass fiber reinforced
Material, cover	Aluminum

Versions

SRT-50 (standard)	0.5 m long flying leads wire
Options	Connectors to flying leads end, Flying cables with or without connectors, Painted covers, flying lead length, customized anti-rotation.

