

SRT2087 series



- ◆ Make use of advanced sheaf brush technology to design and manufacture
- ◆ Distinctive mechanism and electric configuration
- ◆ Waterproof and dustproof
- ◆ Suffice 360° unrestrained continuous rotation to transmitting power and/or data
- ◆ Long life and maintenance-free operation



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Description:

The SRT2087 uses sheaf brush technology which offers several advantages over conventional slip ring contacts, including multiple points of contact per brush bundle, low contact force per brush, low noise and low contact wear rates. In addition, sheaf brushes do not require lubrication and produce virtually no wear debris.

The SRT2087 is waterproof and dustproof, Connector adopt waterproof and gild pin.

Applications :

- Oil well logging
- Oceanographic instrumentation
- Food processing
- Packaging machines, magnetic clutches, palletizing machines
- Process control equipment
- Rotary sensors, robotics
- Coil tubing reels
- Other

Model	L=mm	Current		Total rings
		Power (10A)	Signal (2A)	
SRT2087-6P	56.5	6	—	6
SRT2087-12S	56.5	—	12	12
SRT2087-12P	80.5	12	—	12
SRT2087-6P/12S	80.5	6	12	18
SRT2087-24S	80.5	—	24	24
SRT2087-18P	104.5	18	—	18
SRT2087-12P/12S	104.5	12	12	24
SRT2087-6P/24S	104.5	6	24	30
SRT2087-36S	104.5	—	36	36
SRT2087-24P	128.5	24	—	24
SRT2087-18P/12S	128.5	18	12	30
SRT2087-12P/24S	128.5	12	24	36
SRT2087-6P/36S	128.5	6	36	42
SRT2087-48S	128.5	—	48	48
SRT2087-30P	152.5	30	—	30
SRT2087-24P/12S	152.5	24	12	36
SRT2087-18P/24S	152.5	18	24	42
SRT2087-12P/36S	152.5	12	36	48
SRT2087-6P/48S	152.5	6	48	54
SRT2087-60S	152.5	—	60	60
SRT2087-36P	176.5	36	—	36
SRT2087-30P/12S	176.5	30	12	42

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SRT2087-24P/24S	176.5	24	24	48
SRT2087-18P/36S	176.5	18	36	54
SRT2087-12P/48S	176.5	12	48	60
SRT2087-6P/60S	176.5	6	60	66
SRT2087-72S	176.5	—	72	72
SRT2087-42P	200.5	42	—	42
SRT2087-36P/12S	200.5	36	12	48
SRT2087-30P/24S	200.5	30	24	54
SRT2087-24P/36S	200.5	24	36	60
SRT2087-18P/48S	200.5	18	48	66
SRT2087-12P/60S	200.5	12	60	72
SRT2087-6P/60S	200.5	6	72	78
SRT2087-84S	200.5	—	84	84
SRT2087-48P	224.5	48	—	48
SRT2087-42P/12S	224.5	42	12	54
SRT2087-36P/24S	224.5	36	24	60
SRT2087-30P/24S	224.5	30	36	66
SRT2087-24P/36S	224.5	24	48	72
SRT2087-18P/48S	224.5	18	60	78
SRT2087-12P/60S	224.5	12	72	84
SRT2087-6P/60S	224.5	6	84	90
SRT2087-96S	224.5	—	96	96

Electrical data :

Specification	Unit
Number of rings	6、12、18、24、30、36、42、48
Voltage	400VAC
Current	10A/ring (or based on customer's requirement)
Dielectric strength	500VAC@50Hz,60s
Insulation Resistance	≥1000MΩ/500VDC

Mechanical data:

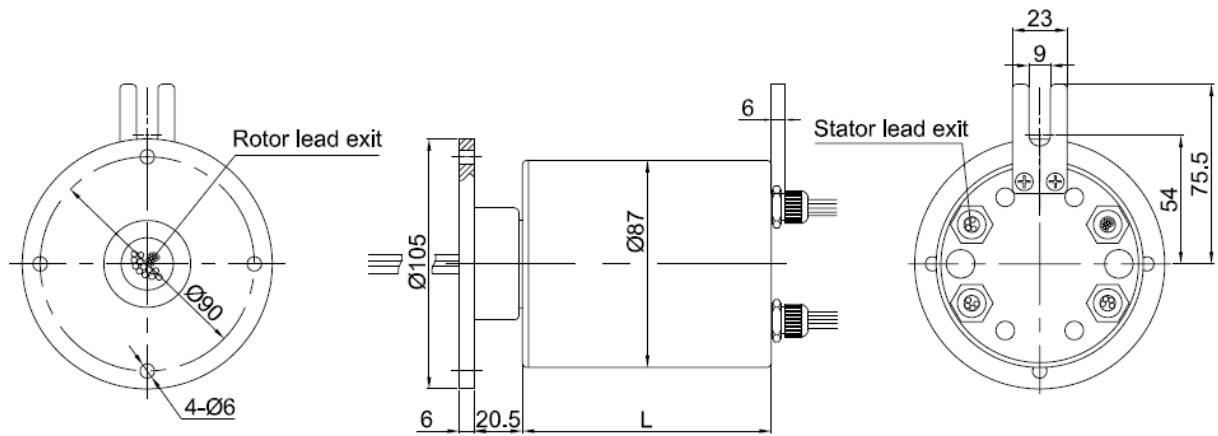
Specification	Unit
Operate Speed	0-250 rpm
Temperature range	-20°C to +80°C
Contact material surface	Brush: silver alloy, Ring: silver-gilt copper
Bearing	Steel ball bearings
Housing	Aluminium alloy
IP	65

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SRT2087 Outline dimensio



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