

Key Features

- Long-life brushless slip rings
- Lower electrical noise
- Low contact resistance rate (<1mΩ)
- No maintenance need
- Available with free mounting accessories
- Compact design
- Power and signal transferring at the same product
- Power transferring up to 30A per pole
- Sensors, thermocouples, strain-gauges and many other signal transfer capabilities
- Cost effective usage
- Higher reliability than classical slip rings
- High frequency rate (up to 200MHz)
- Customizable design with options:
 - Up to 7500A
 - Through-bore models
 - High-voltage models
 - Up to 20 poles

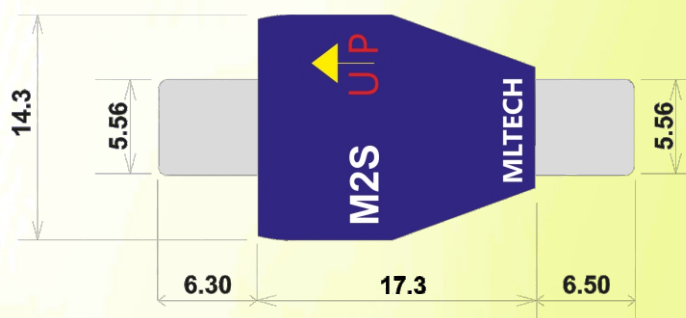


MODEL	Channels	Current	Voltage	Max. Freq.	Max. Speed	Operating Temp.	Rotating Torque	Insulation Resistance
M2S	2	2x4A	250Vac	200MHz	2000rpm	-30°C to 60°C	75 gm-cm	>25MΩ
M3S	3	3x4A	250Vac	200MHz	1800rpm	-30°C to 60°C	100 gm-cm	>25MΩ
M2	2	2x30A	250Vac	200MHz	1800rpm	-30°C to 60°C	200 gm-cm	>25MΩ
M3	3	3x30A	250Vac	200MHz	1200rpm	-30°C to 60°C	400 gm-cm	>25MΩ
M4	4	2x4A @ 2x30A	250Vac	200MHz	1200rpm	-30°C to 60°C	400 gm-cm	>25MΩ
M6	6	2x4A @ 4x30A	250Vac	100MHz	300rpm	-30°C to 60°C	700 gm-cm	>25MΩ
M8	8	2x4A @ 6x30A	250Vac	100MHz	200rpm	-30°C to 60°C	1000 gm-cm	>25MΩ

Application Fields

- Index table for signal and power connection
- Resistor cutting machine
- Electro plating line
- Rotary stage
- Cable wheel
- Circle knitting machine
- Coloring device
- Robots
- Rotary lamp box
- Surgical lamp
- Reel to reel plating line equipment
- Speed dome camera
- Package machine
- Heating roller
- Laminating machine
- Winding machine
- Spinning LED sign board
- Wind turbines
- Pipe inspection camera
- Welding machines

Model M2S 2-Pole (2x4A)



- mm

Accessories



M2S-MP

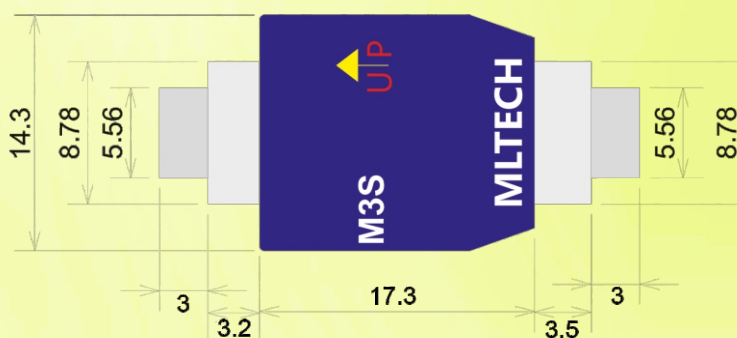
easy mounting receptacle
w/ two 14.5cm wires



M2S-SP

easy mounting cap
w/ solder lugs

Model M3S 3-Pole (3x4A)



- mm

Accessories



M3S-MP

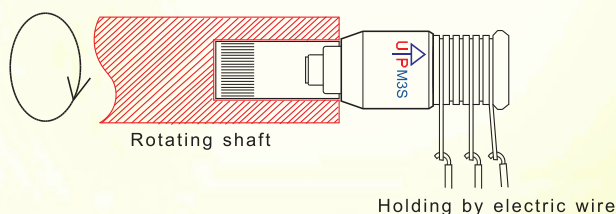
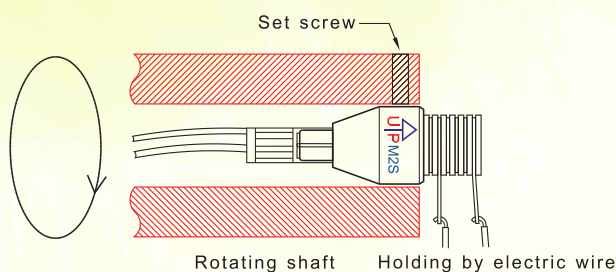
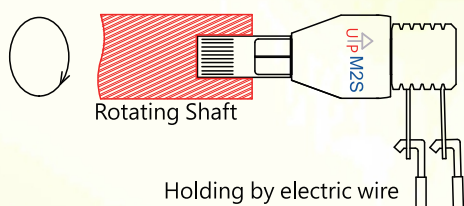
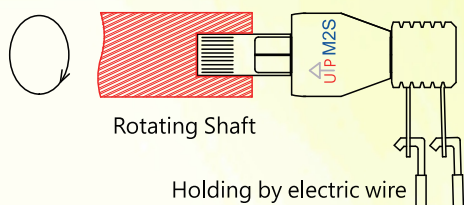
easy mounting receptacle
w/ three 14.5cm wires



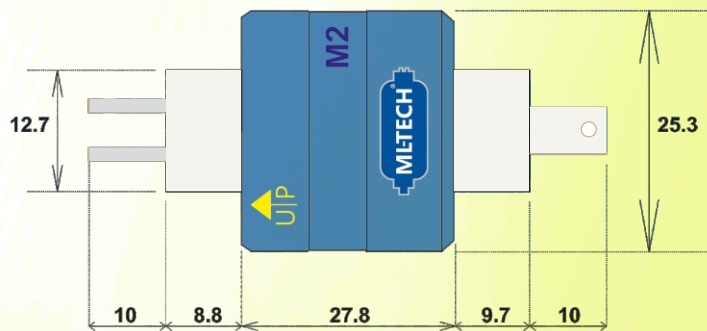
M3S-SP

easy mounting cap
w/ solder lugs

Mountings of Model M2S, M3S



Model M2 2-Pole (2x30A)



-mm

Accessories



MT25B terminal
16-24 AWG
(qty. 2 included)

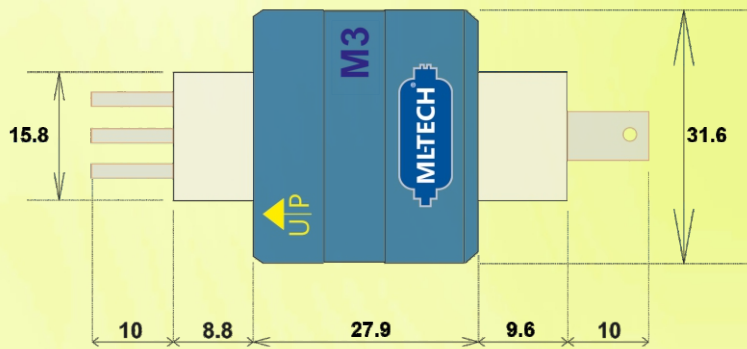


MT25A terminal
16-24 AWG
(qty. 2 included)



M2-PC boot kit
for dust and splash
protection IP51

Model M3 3-Pole (3x30A)



-mm

Accessories



MT25B terminal
16-24 AWG
(qty. 3 included)

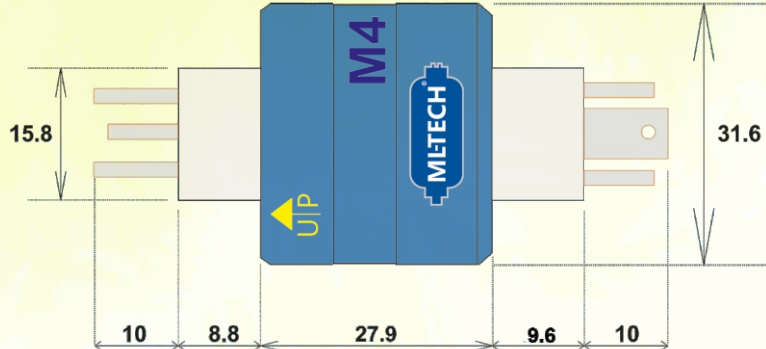


MT25C terminal
16-24 AWG
(qty. 3 included)



M3-PC boot kit
for dust and splash
protection IP51

Model M4 4-Pole (2x4A @ 2x30A)



-mm

Accessories



MT25B terminal
16-24 AWG
(qty. 2 included)



MT25A terminal
16-24 AWG
(qty. 2 included)



MT11A terminal
22-18 AWG
(qty. 4 included)

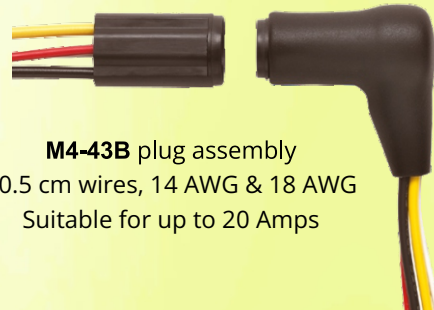


M4-PC boot kit
for dust and splash
protection IP51

Accessories for M4 Model

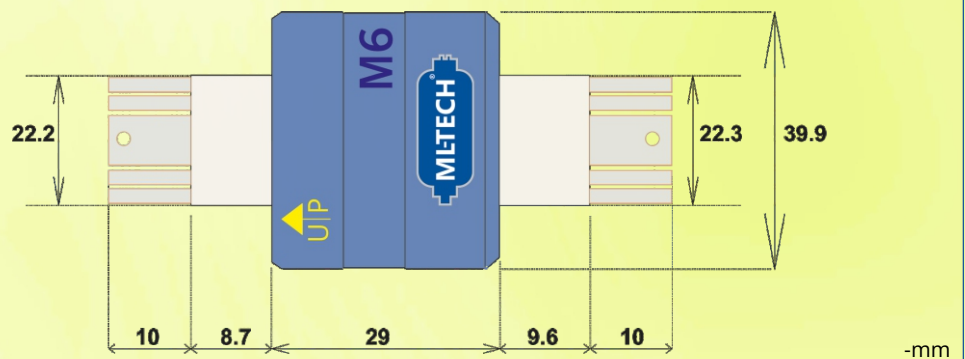


M4-43A plug kit
no wires, terminals
for wire gauges
20-16 AWG & 16-14 AWG
Suitable for up to 20 Amps



M4-43B plug assembly
30.5 cm wires, 14 AWG & 18 AWG
Suitable for up to 20 Amps

Model M6 6-Pole (2x4A @ 4x30A)



Accessories



MT25B terminal
16-24 AWG
(qty. 4 included)



MT25C terminal
16-24 AWG
(qty. 4 included)

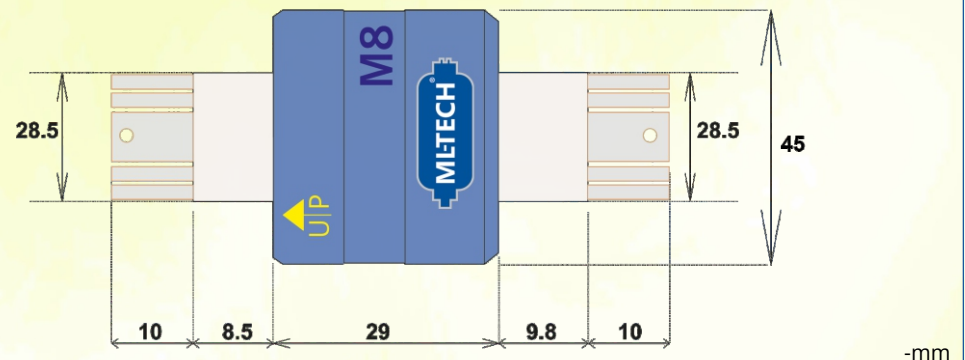


MT11A terminal
22-18 AWG
(qty. 4 included)



M6-PC boot kit
for dust and splash
protection IP51

Model M8 8-Pole (2x4A @ 6x30A)



Accessories



MT25B terminal
16-24 AWG
(qty. 6 included)



MT25C terminal
16-24 AWG
(qty. 6 included)



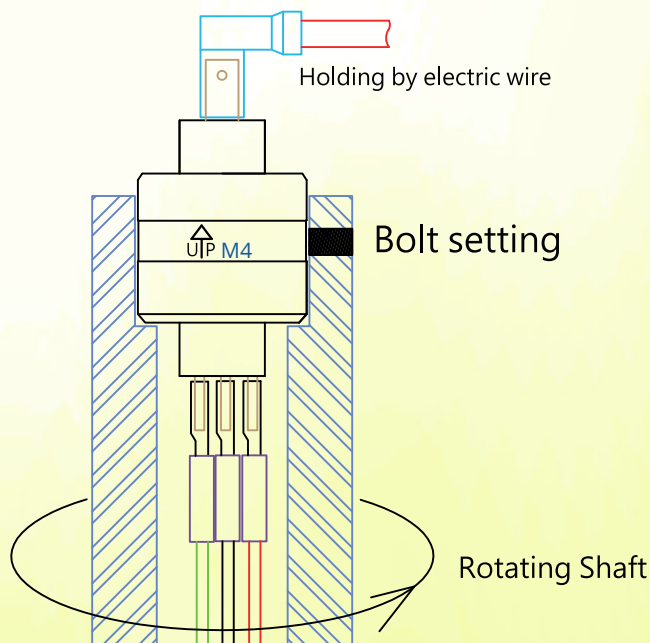
MT11A terminal
22-18 AWG
(qty. 4 included)



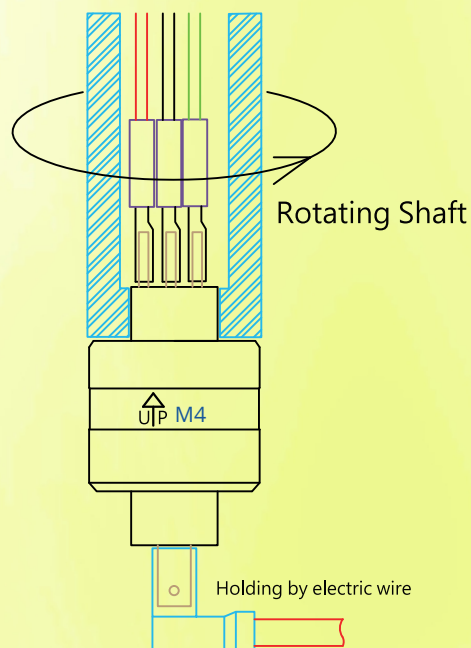
M8-PC boot kit
for dust and splash
protection IP51

Mountings of Model M2, M3, M4, M6, M8

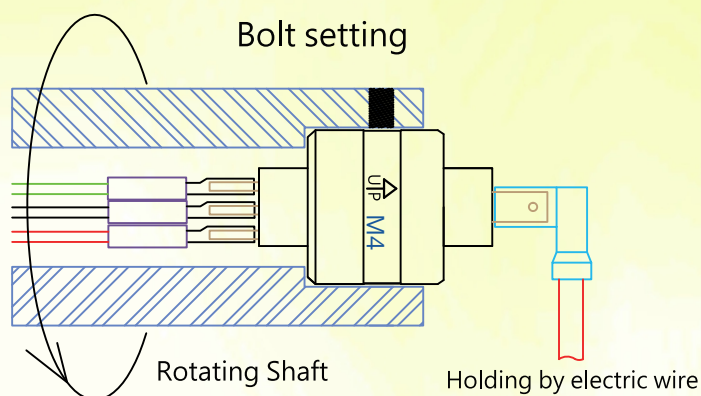
Vertical Mounting (Top)



Vertical Mounting (Bottom)



Horizontal Mounting



Floating Fix Shaft

