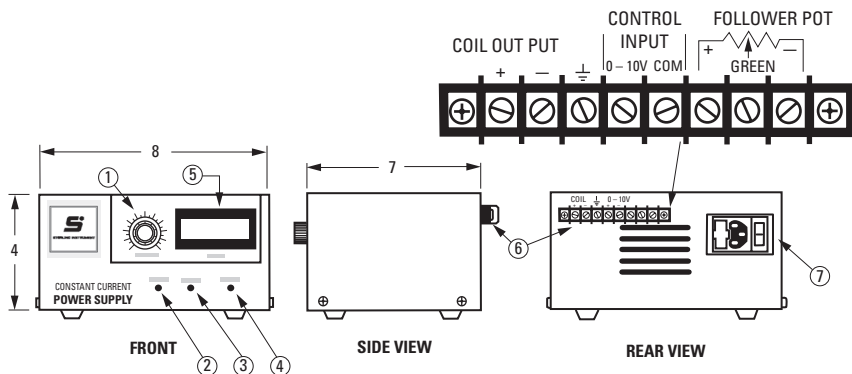


► **COIL DATA:****Voltage:** 24V DC► **SPECIFICATIONS:****Output Voltage:** 0 – 24V DC**Output Power:** 22 watts**Input Voltage:** 110V AC, 50...60 Hz**Maximum Input Current:** 0 – 10V, 5mA**Input Resistance:** 0 – 10V, 2000 ohms► **DESCRIPTION:**

- ① **Percent Rated Current Potentiometer.**
- ② **MAX. SPAN** - Potentiometer, sets the 100 percent output current.
- ③ **POWER ON LIGHT.**
- ④ **MIN. SPAN** - Potentiometer sets the zero output current.
- ⑤ **LIQUID CRYSTAL DIGITAL AMMETER:** 3-1/2 digits - current in mA
- ⑥ **TERMINAL STRIP FOR** - DC output, Ground, 0 – 10 Volt input signal, Follower Arm Potentiometer.
- ⑦ **AC INPUT, AC POWER ON/OFF SWITCH** - Input Fuse 1 amp.



The power supply is suitable for all magnetic particle brakes & clutches. The power supply is a constant current type, with a 3/4 turn potentiometer for setting output current from 0 to 100%.

The output current can also be controlled with a 0 – 10 Volt input signal. The SPAN adjustments set maximum and minimum current levels.

INCH COMPONENT

Catalog Number	For Use With
S90MPS-24MC	0 – 10 Volt input signal & Follower Arm Potentiometer

NOTES:

12V DC output is available on special order.
 110V AC input is standard.
 220V AC input is available on special order.

COIL DATA:

Voltage: 24V DC

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SPECIFICATIONS:

Output Voltage: 0 – 24V DC

Output Power: 22 watts

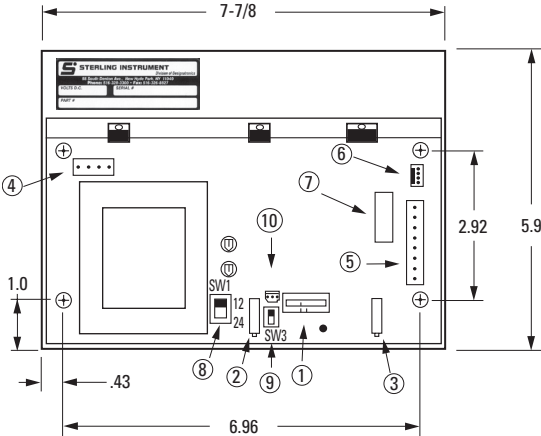
Input Voltage: 110V AC, 50...60 Hz

Maximum Input Current: 0 – 10V, 5mA

Input Resistance: 0 – 10V, 2000 ohms

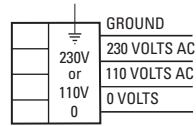
DESCRIPTION:

- ① **SWITCH** - To select the method of controlling the output current:
Position (1) The percent Rated Current Potentiometer;
Position (2) The 0 – 10V DC Input signal.
- ② **MAX. SPAN** - Potentiometer, sets the 100 percent output current.
- ③ **MIN. SPAN** - Potentiometer, sets the zero output current.
- ④ **INPUT CONNECTOR** - AC input and ground (earth) - see right.
- ⑤ **OUTPUT CONNECTOR** - For brakes & clutches, 0 – 10 volt input.
- ⑥ **AMMETER CONNECTOR** - For (optional) L.C.D. ammeter.
- ⑦ **OUTPUT FUSE** - 2 amp, 5 x 20 mm
- ⑧ **12 or 24 VOLT SELECTOR SWITCH** - Slide the switch towards 12 when using a 12 volt brake or clutch. Slide towards 24 when using a 24 volt unit.
- ⑨ **REMOTE SWITCH** - To select the "On-board Span Max. Potentiometer" or a "Remote Span Max. Potentiometer"
- ⑩ **REMOTE CONNECTOR** - For a "Remote Span Max. Potentiometer" (for tension adjustments when using the Follower Arm Potentiometer).

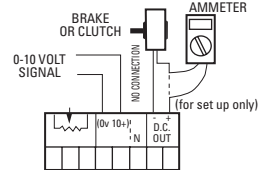


Top View

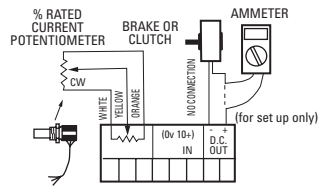
④ INPUT CONNECTOR



⑤ OUTPUT CONNECTOR
0 – 10 VOLT CONTROL



⑤ OUTPUT CONNECTOR
MANUAL (Potentiometer) CONTROL



INCH COMPONENT

Catalog Number	Description
S90MPS-24	Without Ammeter
S90MPS-24M	With Ammeter

NOTES:

12V DC output is available on special order.

110V AC input is standard.

220/230V input is available on special order.