

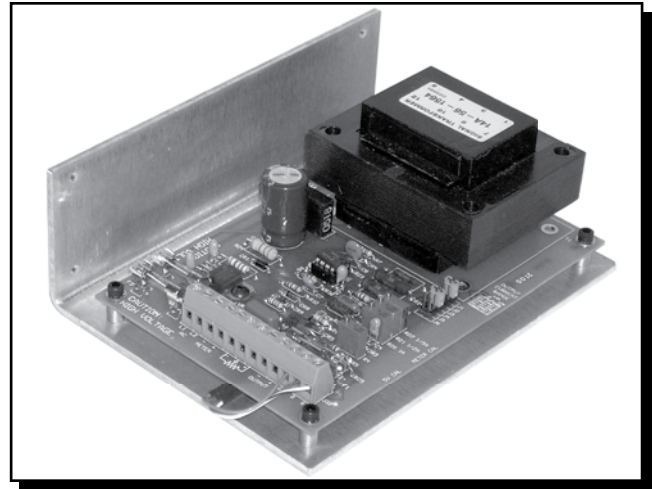
Model 5250-2 Current Regulated Power Supply

DESCRIPTION

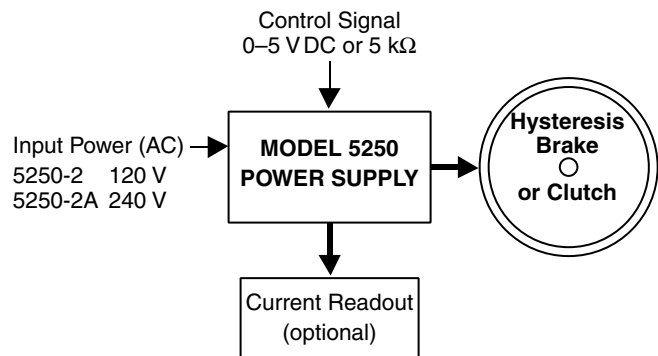
The 5250 is an open frame, current-regulated power supply that is designed for use with Magtrol's Hysteresis Brakes and Clutches. With regulated current, torque drift caused by temperature changes within the brake coil is eliminated. The 5250 is a solid-state control that provides smooth application of current from zero to maximum. Braking control is enabled by either by a 10-turn potentiometer, or by an external 0–5 VDC control signal.

SPECIFICATIONS

| | | | |
|----------------------------------|----------------------------------|--------------|---------|
| Brake Voltage | 24 VDC | | |
| Current Ranges | 0–200 mA, 0–500 mA, 0–1000 mA | | |
| Current Regulation | ±1% Full Scale | | |
| Braking Control | 10-turn potentiometer or 0–5 VDC | | |
| Current Monitor Output | 0–200 mV DC | | |
| Line Fuse (5 × 20 mm) | 120 V: | UL/CSA 1.0 A | 250V SB |
| | 240 V: | IEC 0.4 A | 250V T |
| Brake Fuse (5 × 20 mm) | UL/CSA | 1.25 A | 250V SB |
| | IEC | 1.00 A | 250V T |
| Power Requirements | 100 VA | | |
| Voltage Requirements | 120/240 V AC 50/60 Hz | | |
| Max. Compliance Voltage | 45 VDC | | |



SYSTEM CONFIGURATION



ORDERING INFORMATION

| | |
|----------------|--|
| 5250-2 | Current Regulated Power Supply 120 VAC |
| 5250-2A | Current Regulated Power Supply 240 VAC |

Due to the continual development of our products, we reserve the right to modify specifications without forewarning.



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