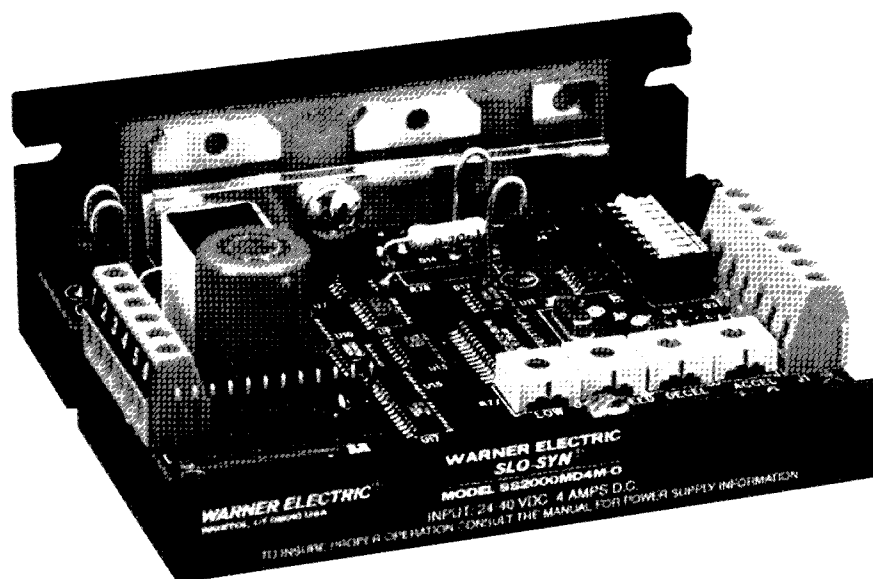


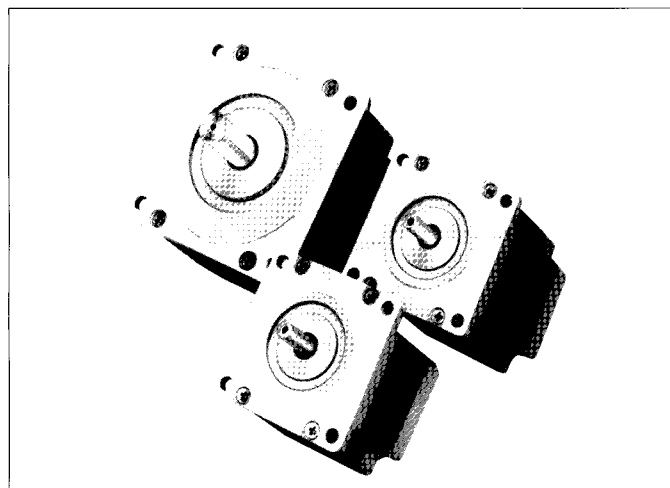
SS2000MD4M-O



FEATURES

- Micro-stepping Drive and Oscillator in one compact unit
- Microprocessor-based Digital Oscillator for accurate speed control
- Switch selectable motor current levels of 1.0 through 3.5 amperes
- Motor speeds up to 3000 RPM
- Built-in potentiometers for acceleration, deceleration, low speed, and run speed
- Full short circuit protection (phase-to-phase and phase-to-ground)
- Under-voltage and transient over-voltage protection
- Efficient thermal design
- Winding off capability
- User selectable automatic current reduction at standstill
- Run speed control from built-in potentiometer or external voltage input

Compatible DC Step Motors Hybrid and KM High-Torque Series



WARNER ELECTRIC S.A.

La Pierreire, CH-1029 Villars-Ste-Croix, Switzerland, Tel: +41 21 631 33 33, Fax: +41 21 636 05 09

<http://www.warnernet.com/europe>

SPECIFICATIONS

Electrical

- DC Power Supply Unregulated
Voltage 24-40 VDC
- DC Power Supply Current 4.0 A max
Motor Current 3.5 A max.
- Drive / Oscillator Power Dissipation
(Worst Case) 35 watts

Environmental

Temperature

- Operating 0°C to + 50°C free air
ambient, Natural Convection
- Storage -40°C to +75°C
- Humidity 95 % max. noncondensing
- Altitude 3048 m max.

Motor Compatibility

- Motor Types Warner SLO-SYN M and
KM Series
- M Series Frame Sizes MO61 (NEMA
23D) through MO92 (NEMA 34)
- KM Series Frame Sizes KML060
(NEMA 23) through KML092 (NEMA 34)
- Number of Connections 4, 6, 8
- Minimum Inductance 0.5 millihenry
- Maximum Resistance = 0.25 x VDC
Supply / I Setting

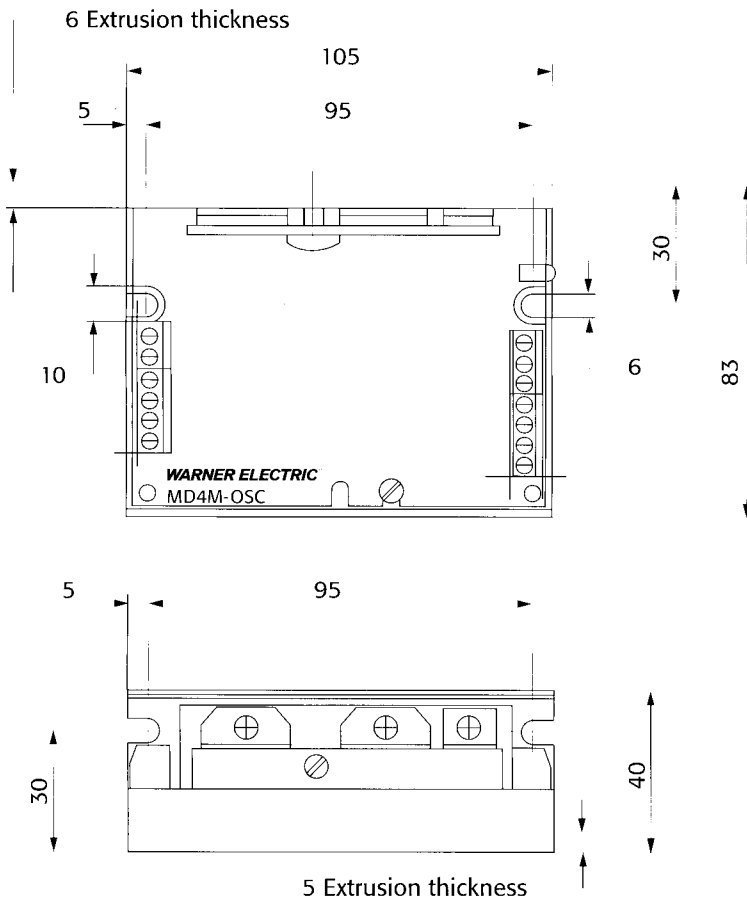
Example:

VDC = 30 I Setting = 3.5

R max. = 0.25 x 30/3.5 = 2.1 ohms

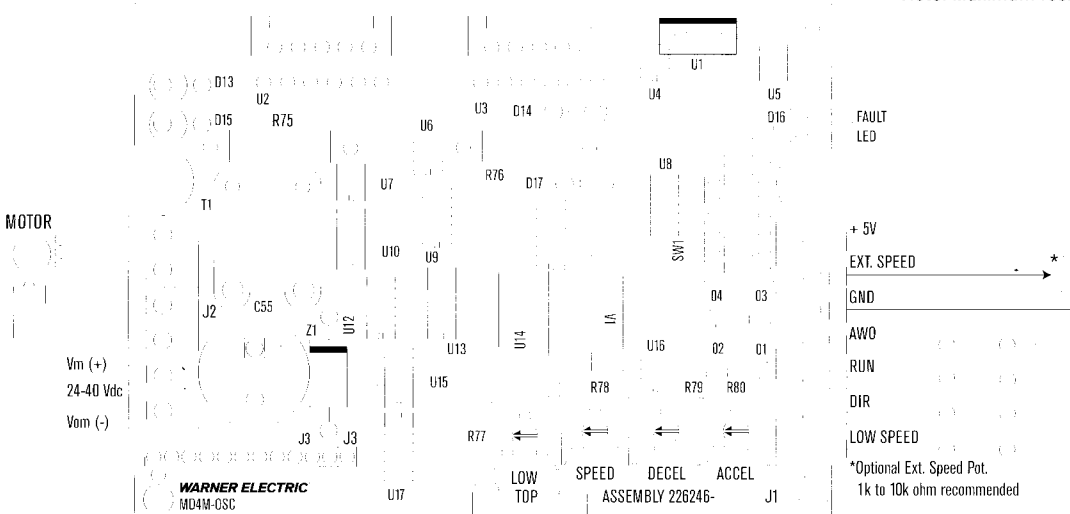
Note: Maximum resistance is total of motor plus cable.

DIMENSIONS [mm]



Size (mm) : 40 H x 105 W x 83 D
Weight : 292 g

WIRING



Model Number
SS2000MD4M-0

Power Supply
30VDC 222705-001

*Optional Ext. Speed Pot.
1k to 10k ohm recommended