



INTELLIGENT MOTION SYSTEMS

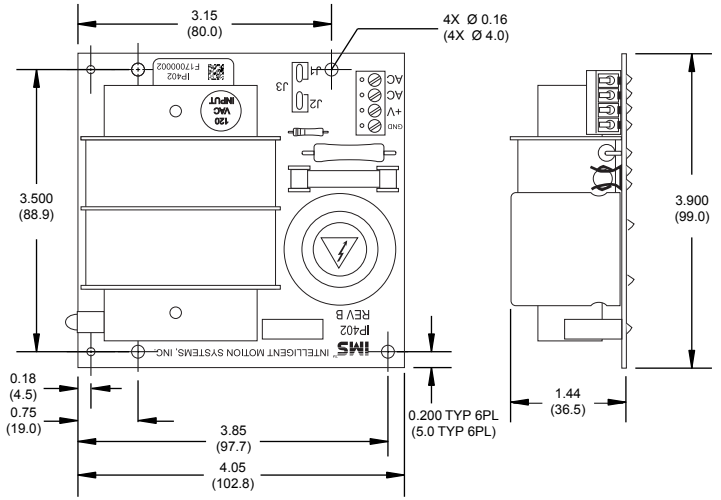
Excellence in Motion™

IP402 Unregulated Linear Power Supply

Connection, Mounting and Specifications

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DIMENSIONAL INFORMATION



IP402 UNREGULATED POWER SUPPLY

The IP402 unregulated linear DC power supply is a small, low cost supply designed to deliver optimum power for top stepper drive performance. It can be either rack or panel mounted and is available in both 115VAC and 240VAC versions.

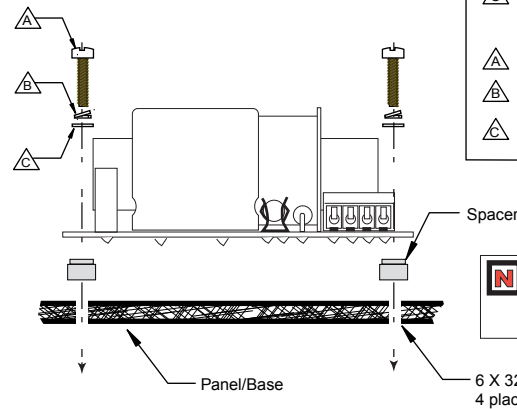


IP402 (115 VAC)



IP402-240 (240 VAC)

MOUNTING



- Mounting Hardware - U.S.
- A #6 Stainless Machine Screw
 - B #6 Split Lock Washer (.04 TH, .24 OD)
 - C #6 Flat Washer, Stainless (.04 TH, .24 OD)
- Mounting Hardware - Metric
- A #M3 Stainless Machine Screw
 - B #M3 Split Lock Washer (.08 TH, 6.20 OD)
 - C #M3 Flat Washer, Stainless (.05 TH, 6.20 OD)

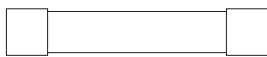
N Ensure adequate clearance between IP402 and panel for all bottom-side PCB connections.

Mounting Screw Torque:
 5.0 to 7.0 lb-in
 (0.60 to 0.80 N-m)

ELECTRICAL SPECIFICATIONS

Electrical Specifications				
Specification	Min.	Typ.	Max.	Units
AC Input Voltage (IP402)		115	132	VAC
AC Input Voltage (IP402-240)		230	264	VAC
Input Frequency		50 - 60		Hz
Output Voltage (Nominal, No Load)		40		VDC
Output Current		2		A

REPLACEMENT FUSE

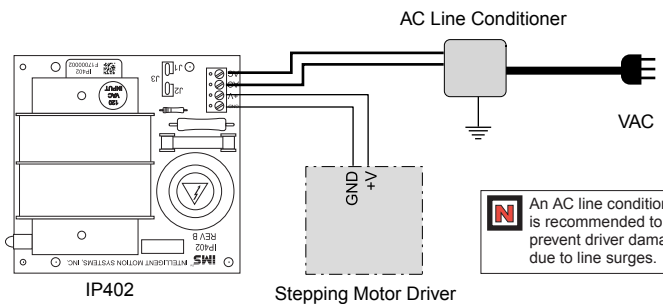


5A SLOW BLOW 250V

POWER SUPPLY CONNECTIONS

In connecting the IP402 power supply observe the following:

- 1) Use shielded, twisted pair wiring between power supply and driver (see driver operating instructions for recommended wiring).
- 2) Ensure that the power supply output voltage does not exceed the maximum input voltage of the driver used.
- 3) Tightening torque on the screw terminals should not exceed 4.5 lb-in (0.50 N-m).



N An AC line conditioner is recommended to prevent driver damage due to line surges.