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Find the *Intelligent Motion Systems IP406* at our website: ***Click HERE***

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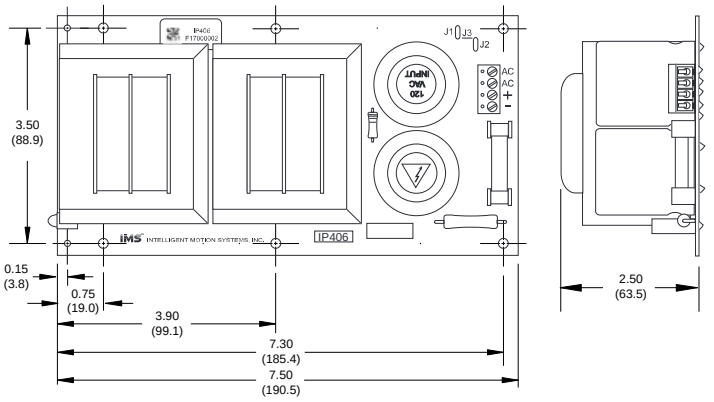
Excellence in Motion™

IP406 Unregulated Linear Power Supply

Connection, Mounting and Specifications

370 N. Main St., P.O. Box 457, Marlborough, CT 06447
Phone: 860/295-6102, Fax: 860/295-6107
Internet: www.imshome.com, Email: info@imshome.com

DIMENSIONAL INFORMATION



Dimensions in Inches (mm)

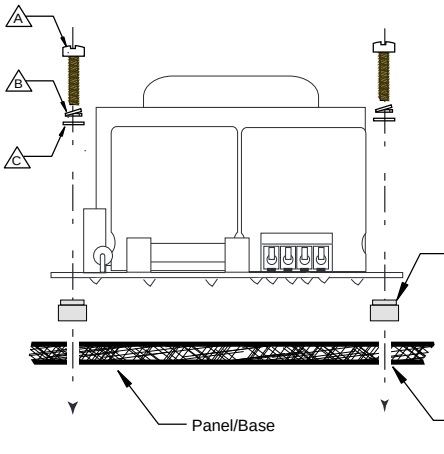
IP406 UNREGULATED POWER SUPPLY

The IP406 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.



IP406 (115 VAC, -240 Not Shown)

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 IP406 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 (IP406)		115	132	VAC
AC Input Voltage (IP406-240)		230	264	VAC
Input Frequency		50 - 60		Hz
Output Voltage (Nominal, No Load)		40		VDC
Output Current		6		A

REPLACEMENT FUSE

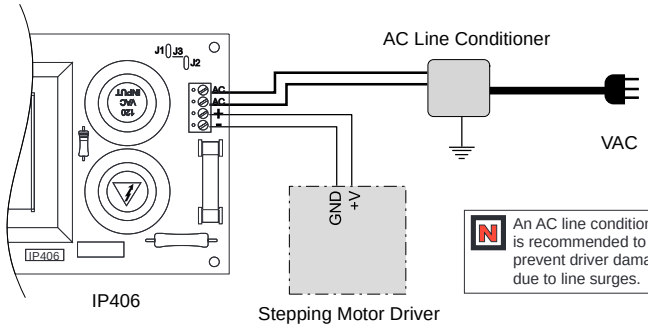


7A SLOW BLOW 250V

POWER SUPPLY CONNECTIONS

In connecting the IP406 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.

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