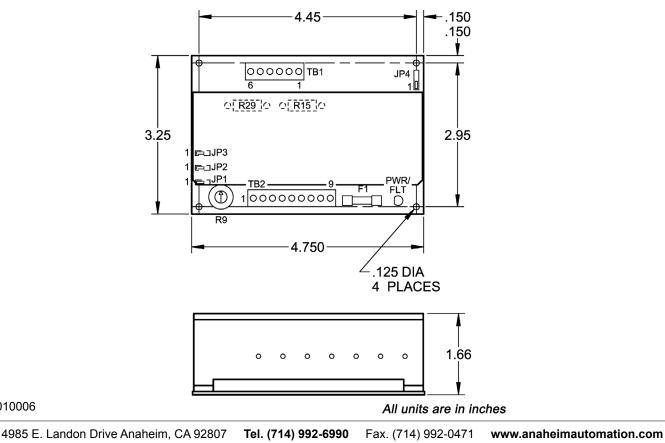


TM4500 Track Mount Driver

- 1.0-4.5 Amperes/Phase Operating Current
- Higher Torque/Speed Output
- Short Circuit Protection
- Open Motor Wire Detection
- No RFI or EMI Problems
- Requires 7-28 VAC or 10-40 VDC
- TTL-CMOS Compatible Inputs
- Receives Positive or Negative Going Clocks
- Full Step or Half Step Operation
- Motor Turn Off Provisions
- Open Frame Circuit Board Mounts on Snaptrack
- CE Certified and RoHS Compliant



The TM4500 driver is a low cost, unipolar step motor driver designed for 4 phase step motors. The TM4500 is a track mount driver, meaning that it can be guickly mounted on easy to use snaptrack (sold separately). The TM4500 allows the option of using full-step or half-step operation, giving the user the ability to step in either 1.8° or 0.9° increments. The driver can be powered by an AC or DC voltage. For AC operation, the driver may be purchased with a recommended step down transformer. A single transformer may be used to power up several drivers based on power consumption. A major advantage that the TM4500 has over chopper drivers, is that the TM4500 is designed to use bilevel technology. This means that it has replaced the need for high frequency switching techniques, consequently it does not create the EMI, RFI, and motor heating problems that are associated with chopper drivers. This technique makes the TM4500 suitable for applications where low noise requirements are a must. It is especially useful for medical equipment, test instruments, positioning systems, and any other application where noise may be a problem.



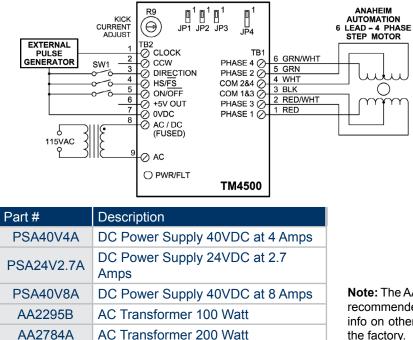
DESCRIPTION

DIMENSIONS

L010006







832

AA2785

AA3963

AA2750A

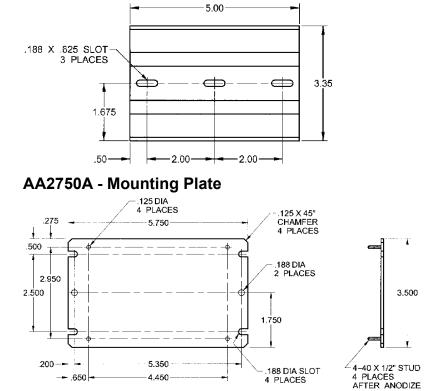
Note: The AA2295B or the AA2784A is the recommended transformer. For additional info on other transformers please contact the factory.



AC Transformer 300 Watt

Mounting Plate & Hardware

5" Mounting Track



L010006