

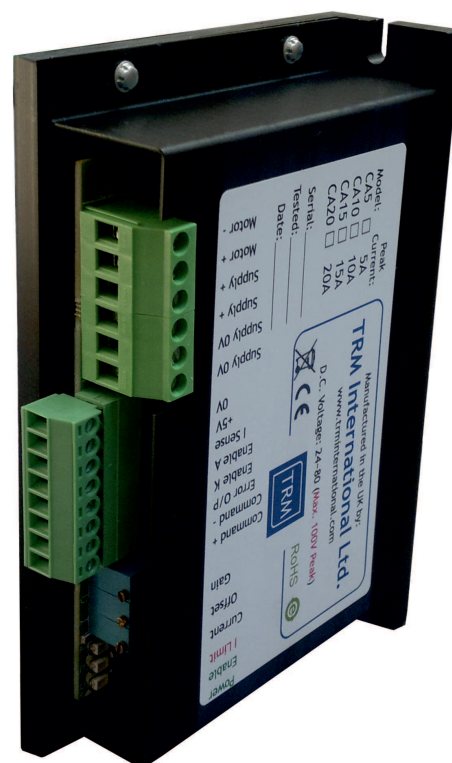
DC Servo Drive

The TRM range of DC Servo Drives are a breakthrough in drive technology. Utilising the latest in electronic techniques, this compact current mode drive is capable of powering brushed DC Servo motors continuously at 100 volts and upto 20 amps depending on the model.

Using the latest technology has enabled TRM to produce a small and very competitive drive.

Easily capable of fulfilling most applications requirements, the CAxx range is built onto a suitable heatsink that also acts as a mounting bracket. Connections are made via two terminal blocks; one for signals and the other for the power connections.

The DC drive has all of the major features expected: Gain, Offset, Variable Current Limit, Power, Enable and Error Indicators and a +/- 10V signal range. The opto-isolated enable input is capable of being driven from many types of controller.



Features

- ⊙ 24 - 100VDC Input Supply
- ⊙ 5, 10 & 20 Amp Versions
- ⊙ Adjustable Current Limmit
- ⊙ Adjustable Null Offset
- ⊙ Adjustable Gain Control
- ⊙ Enable and Error Indicators
- ⊙ Current Mode Operation
- ⊙ +/- 10V Command Signal
- ⊙ Enable High or Low
- ⊙ Built-In Heatsink
- ⊙ Current Sense Output 0 - 2.5 VDC

Specifications

- ⊙ Current: 5, 10, 15 or 20 Amps
- ⊙ Voltage range: 24-100VDC
- ⊙ Max. Load Inductance 200uH
- ⊙ Switching Frequency 33KHz
- ⊙ Working Temperature Range 0-70°C
- ⊙ Bandwith: >1KHz
- ⊙ Power Connections: Screw Terminal
- ⊙ Signal Connections: Screw Terminal Plug
- ⊙ Dimensions: 135 x 89 x 43.5mm