

200XLV KEY FEATURES

Motors and brakes in both directions

Ideal for small DC motors and linear actuators up to 48v

Fast response

Panel or DIN rail mounting

+/- 2A output, with 150% overload capability

Single polarity supply with wide supply voltage range up to 48v

Suitable for battery or standard unregulated DC supply

Precision references for ultra stable operation

+ve and -ve differential speed inputs

Built in thermal protection with resettable trip

Current limit protection

3 term PID control action

Armature or tach feedback operation

Position control facility

Setpoint ramp facility

Plug on screw terminals for easy wiring

Adjustable IR compensation for improved AVF speed regulation

CE marked with excellent EMC compliance

Comprehensive manual with multi-applications data

High bandwidth with superbly linear output

Accepts bipolar or unipolar command inputs

Direction control by switch or centre zero pot

Easily interfaced for limit switch operation

Ideal for low inductance, printed motors

PRODUCT NAME

200XLV

DESCRIPTION

The 200XLV is a fast response, linear DC motor speed controller for driving small low voltage brushed DC motors.

Ideal for positioning and servo type applications.

The 200XLV will motor and brake in both directions of rotation and operates from a single polarity supply, either battery or unregulated DC Source.

Excellent performance allows the 200XLV to meet the most demanding of applications. The extensive specification includes many

standard features not normally associated with a drive the size and cost of the 200XLV.

The compact design has plug in screw terminals and provision for back panel or DIN rail mounting.

The 200XLV is fully EMC compliant and CE marked.



Due to its linear control circuits and linear output stage, this drive is ideal for applications with other highly sensitive low immunity circuits.