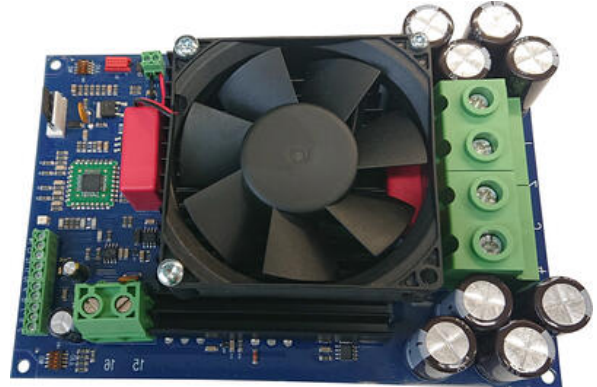


## ELECTROMEN - EM-362

DC Motor Controller 12-36V 160A

EM-362  
 Electromen - EM-362



- 12-36Vdc, 160A continuous, 300A peak
- For brushed motors up to 1.8kW at 12V, 2.7kW at 24V, 3.0kW @ 36V
- Integrated cooling fan
- Limit switch inputs for end of travel
- Compact, DIN rail mountable

### PRODUCT DESCRIPTION

The EM-362 is a four-quadrant driver designed for low-voltage permanent magnet brushed motors. Acceleration and braking ramps are available for a smooth starts and decelerations. An adjustable current limit protects the motor from overloading during the drive phase and there is also a current limit for regenerative braking also.

The EM-362 controller accepts a nominal supply voltage of 12-24Vdc, and can still operate with a supply as low as 8V. It has an integrated cooling fan to ensure adequate cooling while the drive is running.

Applications:

- Autonomous vehicles
- Winches and lifts
- Access control
- General automation

### TECHNICAL DATA

2421_Peak current (A)	300
5646_Dimensions length x width x height (mm)	1
Analogue input	+/-0-5V or +/-0-10V or 0-5V or 0-10V
Control type	Speed, Braking, Direction, Torque, Soft start / stop
Current setting range	1-255 A
Logic input high	>4V = ON
Logic input low	<1V = OFF
Mounting	DIN rail
Operating temperature	-40°C...+60°C
PWM frequency	2kHz/16kHz
Suitable engine	DC
Supplier	Electromen
Supply voltage	12 V DC, 24 V DC

