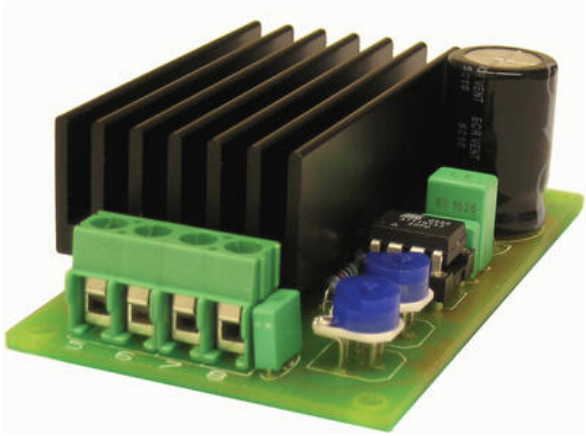
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ELECTROMEN - EM-213

DC motor 1Q PWM drive 12-24Vdc, 10A

EM-213
DC motor 1Q PWM drive 12-24 V dc, 10 A



- 12-24Vdc, 10A continuous, 15A peak
- Single quadrant control
- Suits inductive and resistive loads
- Digital or analogue input
- Adjustable start ramp

PRODUCT DESCRIPTION

EM-213 is a 1-quadrant power controller. The controller uses PWM principle with high efficiency. The PWM frequency can be set to high or low mode. High frequency is used with inductive (motor) load and low with resistive (lamp) load. The output of the device is compensated against power supply changes, so the device can be used succesfully with unregulated power supply. Output is overload (overheat) protected. The protection recovers by itself as temperature decreases. Control of device is done with analog voltage signal 0-5V or more, range of this signal is adjustable. EM-213 also includes a soft-start ramp with adjustable time.

FEATURES:
• Low cost
• High efficiency
• Operating voltage compensated
• For resistive or inductive loads
• Applications: motor speed control, lamp dimmer
• Rail base fittable

TECHNICAL DATA

2421_Peak current (A)	15
5646_Dimensions length x width x height (mm)	72x42x25mm
Analogue input	0-5V or 0-10V
Control type	Speed, Soft start / stop
Current setting range	0-15 A
Max continuous current	10 A
Mounting	DIN rail
Operating temperature	-20°C...+70°C
PWM frequency	300Hz / 19kHz
Suitable engine	DC
Supplier	Electromen

Supply voltage	12 V DC, 24 V DC
Weight	70 g

