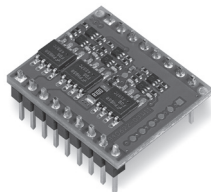


DEC Module 24/2 1-Q-EC Amplifier

DIGITAL



The DEC Module 24/2 (Digital EC Controller) is a 1-quadrant amplifier for controlling EC motors with Hall sensors with a maximum output of 48 watts.

Operating modes

Digital speed control or open loop speed control operation can be preset by a digital signal.

Excellent price/performance ratio

Reasonably priced 1-Q-EC amplifier optimised for OEM applications in small appliances.

OEM Module

Miniaturized open electronics board. Two connector arrays arranged in a 2.54 mm (0.1") pattern support easy connectivity and integration into the motherboard.

Functionality

Direction of rotation preset by a digital signal. The motor shaft can be enabled or disabled. Adjustable maximum current limitation. Set value input through external analogue voltage.

Protection circuit

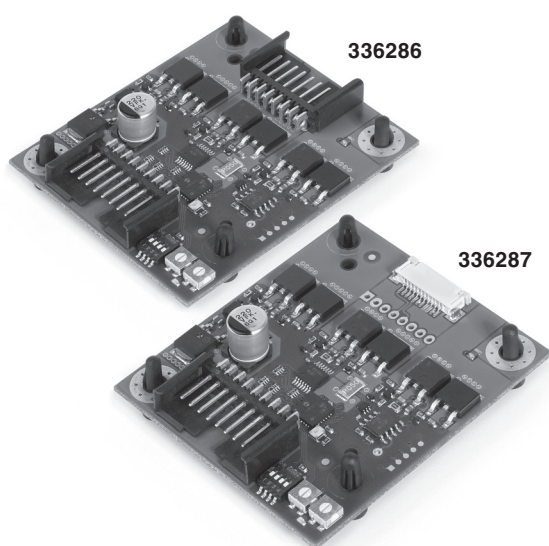
The power amplifier is protected against thermal overload and the control inputs against overvoltage.

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DEC 24/3 1-Q-EC Amplifier

DIGITAL



The DEC 24/3 (Digital EC Controller) is a 1-quadrant amplifier for controlling EC motors with Hall sensors with a maximum output of 72 watts.

Operating modes

Digital speed control or open loop speed control operation can be selected with a built-in DIP switch.

Flexible

Wide supply voltage range 5 - 24 VDC.
Two variants for direct connection of different maxon EC motors.

Small design

Open and compact electronics board. Easy mounting with hexagonal distance pins with inside thread.

All-round functionality

Direction can be predetermined with a logic signal. Motor shaft can be disabled or slowed down as required. Adjustable maximum current limitation. Status indicator with green LED.

Flexible set value input

Set value input either through internal potentiometer or external, analogue voltage. Different speed ranges can be selected using built-in DIP switches.

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