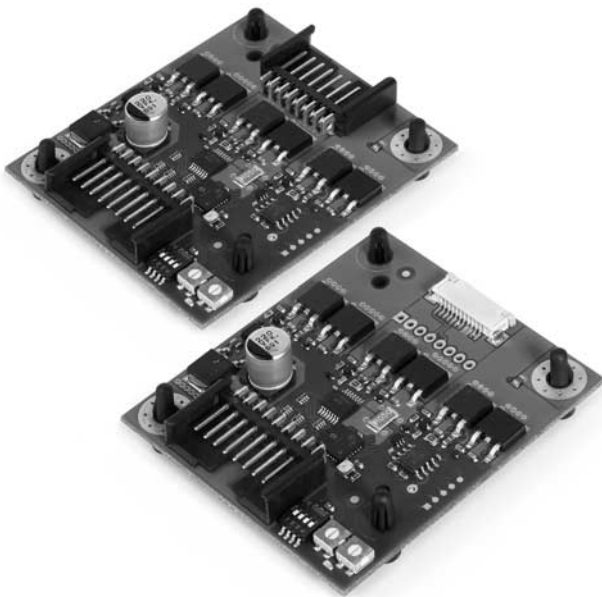


DEC 24/3 1-Q-EC Amplifier

NEW

DIGITAL



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

Technical data page 277
Dimensions and terminal layout page 280

Operating modes

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

Small design

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

Flexible

Wide input voltage range 5 -24 VDC.
A range of adapter boards allows the use of different maxon micro motors

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

DEC 50/5 1-Q-EC Amplifier

DIGITAL



The DEC 50/5 (Digital EC Controller) is a 1-Quadrant amplifier for controlling EC motors with Hall sensors with a maximum output of 250 watts.

Technical data page 277
Dimensions and terminal layout page 281

Operating modes

Digital speed control, open loop speed control or current controller can be selected with a switch

Small design

Robust and compact modular metallic housing offers various mounting options

Easy start-up procedure

Plug-in terminal clamp, no extensive adjustment necessary

All-round functionality

The motor's rotating direction, disabling of motor winding and braking of motor shaft can be controlled. Adjustable maximum current limitation. Operating status display with red and green LED

Flexible set value input

Set value input through internal or external potentiometer or through analogue voltage. Two pre-set speeds switchable. Speed ramp can be adjusted

Protection circuit

The power stage is protected against thermal overload and control inputs against over voltage