

4Q servo controller UCE 24

with CANopen interface

for DC motors of M, EC, G and PG series



Characteristics: The UCE 24 is an external electronical commutating unit with speed control and bus communication.
This unit controls DC motors, which are commuted block-wise.

Technical data

Order code

UCE 24-11

Nominal voltage:

24 V/DC

Nominal current:

11 A/DC

Peak current:

25 A/DC

Setting a nominal value:

Via analog signal or CANopen interface.

The control via CAN bus is 100% compatible with the following series:

- MC (brushless motors with integrated commutating electronics)
- PC (permanently excited DC motors with integrated speed control)
- PCE (4Q speed controller for commutating motors)

Analog mode:

The nominal value is set by means of an analog signal (0 to 10 V).

Digital inputs (24 V):

- Release
- Brakes
- Direction of rotation

Digital outputs (24 V):

- Ready to operate
- Speedometer

CAN mode:

Control via CAN interface (CANopen Drive Profile DSP-402)

The analog input (0 to 10 V) and the digital inputs and outputs (24 V) are used for process control and regulation via CAN bus.

Comment:

When ordering, please tell us the motor type (BLDC or DC).

Pin assignment, see manual.