

BLE-2 & BLE-2 PW Controller



The BLE-2 controller is suitable for Brushless AC and DC motors up to 8kW. Also available in double micro and/or double CAN architecture.

Technical details

Power section

Power supply: 24V 36V 48V 80V 96V

Maximum current BLE-2:

- (24V) 450 Arms (2')
- (36V, 48V) 400 Arms (2')
- (80V) 250Arms (2')

Maximum current BLE-2 PW:

- (24V) 500 Arms (2')
- (36V, 48V) 500 Arms (2')
- (80V) 350Arms (2')
- (96V) 300Arms (2')

Ambient Temperature range: -40° +40°C

Maximum heatsink temperature: 85°C(starts to reduce current)

Mechanics

BLE-2 dimensions: 150x200x71 mm

BLE-2 PW dimensions: 185x200x71 mm

Connector: Ampseal

Protection: IP65

Available with Al base plate or with finned heatsink

I/O

5 Digital Inputs (input range - Batt ÷ + Batt)

2 Analog inputs (input range 0 ÷ 12V)

2 Outputs driving to - Batt, PWM controlled, 2,0 A continuous current

1 Output to - Batt 1,0 A continuous current

1 Sin/Cos encoder interface

3 Digital Hall sensor inputs option (with reduction of digital input number)

Other features

Flash memory embedded

Can interface

Serial link

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