

BLE-X Controller



The BLE-X controller is suitable for Brushless AC and DC motors up to 2kW.

Technical details

Power section

Power supply: 24V, 36V, 48V

Maximum current:

- BLE-X: 24V 165Arms (2')
- BLE-X: 36-48V 140Arms (2')
- BLE-X PW: 24V 240Arms (2')
- BLE-X PW: 36-48V 210Arms (2')

Ambient Temperature range: -40° +40° C

Maximum heatsink temperature:

85°C (starts to reduce current)

Mechanics

Dimensions: 138x180x87 mm

Connector: Minifit

Protection: IP54

Al finned heatsink

I/O

- 11 Digital inputs (input range - Batt ÷ + Batt)
- 2 Analog inputs (input range 0 ÷ 12V)
- 1 Analog input: motor temperature sensor
- 1 Sin/Cos encoder interface
- 3 Digital Hall sensor inputs option (with reduction of digital input number)
- 7 Outputs driving to - Batt
- 1 Output EVP
- 2 LED Outputs

Other features

- Flash memory embedded
- Can interface

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