

CombiAC-0 & CombiAC-0 PW Controller



The CombiAC-0 controller is suitable for pedestrian, small stacker trucks, and order pickers fitted with encoderless asynchronous motors up to 2,5 kW, and DC series pump motor up to 5 kW.

Sensorless/Sense Coil version.

Same as above but with ZAPI patented sensorless/sense coil control algorithm to be used with encoderless AC motor.

Technical details

Power section

Power supply: 24V 36V 48V

Maximum current:

- Combi AC-0: 24 V: 220 Arms (2') + 270/400 A DC pump

- Combi AC-0 36–48 V: 180 Arms (2') + 220 A DC pump

- Combi AC-0 PW 24 V: 320 Arms (2') + 270/400 A DC pump

- Combi AC-0 PW 36–48 V: 280 Arms (2') + 220 A DC pump

Ambient Temperature range: -40° +40°C

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

Mechanics

Dimensions: 150x200x79 mm

Connector: Ampseal

Protection: IP65

Available with Al base plate or finned heatsink

I/O

13 Digital inputs (input range - Batt ÷ +Batt)

2 Analog inputs (input range 0 ÷ 12V)

1 Analog input: motor temperature sensor

1 Incremental encoder port

2 Outputs driving to - Batt: prop.EV, current control

8 Outputs driving to - Batt

Other features

Flash memory embedded

Can interface

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