

Zapi Products

Combi ac-1 controller

The COMBI AC-1 CONTROLLER is suitable for pedestrian, small stacker trucks, and order pickers fitted with asynchronous motors up to 3,5 kW, and DC series pump motor up to 5 kW. It is also available with AC traction motor sensorless control.

Technical details:

POWER SECTION

Power supply: 24,36,48 volt

Maximum current:

- (24) 350 Arms(2') + (150÷350) ADc Pump)
- (36) 350 Arms(2') + (150÷350) ADc Pump)
- (48) 300 Arms(2') + (150÷300) ADc Pump)

Ambient Temperature range: -40° +40°C

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

MECHANICS

Dimensions: 150x230x125 mm

Connector: Ampseal

Protection: IP65

Al finned heatsink

I/O

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

1 Analog inputs (input range 0 ÷ 12 V)

1 Incremental encoder port

9 Outputs driving to - BATT:

- . LC driver 1,5 A continuous
- . EB driver 1,5 A continuous
- . 7 EVS driver 1,5 A continuous

1 Output for proportional EV, current control

OTHER FEATURES

16 bits microcontrollers

Flash memory

Can interface (also with CAN tiller card)

Serial link

Zapi patented sensorless control

