

ACE-0 & ACE-0 PW inverter



The ACE-0 Inverter is suitable for pedestrian, small stacker trucks, and order pickers fitted with encoderless asynchronous motors up to 2,5 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:

- ACE-O: 24V 220 Arms (2')
- ACE-O: 36-48 V: 180 Arms (2')
- ACE-O: 24V PW: 320 Arms (2')
- ACE-O: 36 - 48V PW: 280 Arms (2')

Ambient temperature range: -40° +40°C

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

Mechanics

Dimensions 150x200x73 mm

Connector: Ampseal 35 poles

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: proportional EV,
current control

8 Outputs driving to – Batt

Other features

Flash memory embedded

Can interface

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