

DualAC-2 & DualAC-2 PW inverter



The DualAC-2 Inverter is the controller suitable for Counterbalanced trucks, Reach trucks and Tractors with twin traction motors in the 3 to 7 kW power range.

The DualAC-2&HP Inverter is the controller suitable for Counterbalanced trucks, Reach trucks and Tractors with twin traction motors in the 3 to 7 kW power range. The unit has an integrated chopper for DC pump motor control

Technical details

Power section

Power supply: 24V 36V 48V 72V 80V

Maximum current:

DualAC2

- (24V) 350+350 Arms (3')
- (36V, 48V) 330+330 Arms (3')
- (72V, 80V) 300+300 Arms (3')

DualAC2 PW

- (24V) 500+500 Arms (3')
- (36V, 48V) 450+450 Arms (3')
- (72V, 80V) 400+400 Arms (3')

DualAC2&HP

- (24V) 350+350 Arms+500 A DC pump (3')
- (36V, 48V) 330+330 Arms+450 A DC pump (3')
- (72V, 80V) 300+300 Arms+400 A DC pump (3')

DualAC2&HP PW

- (24V) 500+500 Arms+500 A DC pump (3')
- (36V, 48V) 450+450 Arms+450 A DC pump (3')
- (72V, 80V) 400+400 Arms+400 A DC pump (3')

Ambient Temperature range: -40° +40°C

Maximum heatsink temperature: 75°C(starts to reduce current)

Mechanics

Dimensions:

DualAC2 200x322x129 mm

DualAC2 PW 250x340x129 mm

DualAC2&HP 200x400x129 mm

DualAC2&HP PW 250x420x129 mm

Connector: Ampseal

Protection: IP65

Available with 20 mm Al base plate or with finned heatsink

I/O

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

5 Analog inputs (input range 0 ÷ 12V)

2 Incremental encoder ports

3 Outputs driving to - Batt:

Other features

2 microcontrollers

Flash memory

Can interface

Serial link

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