

Dual PM-X & DualPM-X PW

The DualPM-X Inverter is a controller suitable for twin PM motors applications.

The DualPM-X&HP Inverter has also an integrated chopper for DC pump motor control

Power section

Power supply: 24V, 36V, 48V

Maximum current:

- DualPM-X: 24V 80+80A(2'), 36-48V 70+70A(2')
- DualPM-X PW: 24V 120+120A(2'), 36-48V 105+105A(2')
- DualPM-X&HP: 24V 80+80A+280(2'), 36-48V 70+70A+240(2')
- DualPM-X&HP PW: 24V 120+120A+280(2'), 36-48V 105+105A+240(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 Incremental encoder port

6 Outputs driving to - Batt:

1 Output EVP proportional valve, current controlled

2 LED outputs

Other features

Flash memory embedded

Can interface

[Back](#)