

Elektor

airsystems gmbh



Frequency Converters
- OMRON MX2 -

Benefit from energy efficiency - even twice!

Turn down your energy costs...

To adapt blowers and side channel blowers to customer applications in an optimal way frequency converters are a modern and highly efficient accessory. The electronic speed control can be used to replace energy wasting, manually operated air regulations and pressure limitations. Therefore frequency converters are an ideally suited tool to **reduce energy costs** to a minimum.

...and in addition profit from low acquisition costs!

Concerning the acquisition costs the new Omron MX2 frequency converters, designed for control cabinet installation, are **considerably less expensive** than its previous model - and all that with an even better performance!



Omron MX2 - just have a look at the advantages

- Suitable for all Elektor devices up to 11 kW
- Parameterized with Elektor basis parameterization
- Delivery incl. EMC footprint filter
- Simple control due to integrated LED display and control panel
- Numerous customizations to customer application possible
- USB connection (no need for interface converter)
- International Omron service hotline
- 5 years Omron manufacturer warranty
- RoHS, CE and cULus approval
- Modern design



Technology that's got the lot!

The most important functions of the MX2

- 7 multifunctional digital inputs (e.g. for direct connection of PTC thermistor)
- 1 analog input (0...10V / 4...20mA switchable)
- 1 relay output (change over contact)
- 2 multifunctional digital outputs
- Integrated braking transistor (braking resistor not included)
- Integrated PID controller
- At least 1,2 times electricity respectively overload for 60s possible
- Serial interface RS485 (Modbus)
- External 24 volts power supply possible
- Safety function possible (ISO 13489-1 Cat 3)
- SPS functionality (in preparation)
- LED status display / error codes

Accessories optionally available for extended possibilities of control and parameterization:

- External LCD control panel (5 line plain text display)
- Original Omron software „CX-Drive“

Any more questions about our products?

Our Customer Support is ready to answer your questions at any time

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With frequency controlled Elektor devices...

- ... you reduce the energy costs of your blowers and side channel blowers
- ... you benefit from the low acquisition costs of the Omron MX2
- ... you automate your ventilating systems with the integrated additional functions
- ... you protect your systems due to integrated protection and monitoring functions
- ... you support the sustainable and eco-friendly operation of your systems

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Frequency converters for
blowers and side channel blowers

Simply more efficient!

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