

Fiche produit Motralec Ziehl Abegg Zacode Products And Philosophy - fiche technique | Motralec

■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>

Control technology
www.motralec.com / service-commercial@motralec.com / [01.39.97.65.10](tel:0139976510) Centrifugal fans main catalogue with IEC standard motor

ZAcode

The unique fan control philosophy

Market challenge

Manufacturers of products which involve moving air are confronted with a variety of products and technologies.

In addition to fans with asynchronous motors, which are mainly controlled by frequency inverters, the proportion of EC motors (highly efficient motors with permanent magnets and integrated power electronics) is rising.

Solutions are increasingly available involving mounting frequency inverters on internal rotor motors according to the IEC standard.

That is why companies rely on different manufacturers and technologies to cover the power range of smaller than 1 kW to 30 kW.

This involves a great effort in terms of design, documentation and storage of parts as well as employee training.

Interface problems, e.g. the interaction of frequency inverters and fans of different manufacturers, involve effort and expenditure which may delay projects and lead to complaints.

ZIEHL-ABEGG's philosophy

Simple products and solutions.

From the planner via production to installation and maintenance - everyone involved with the system should have an easy time and be able to understand it.

ZIEHL-ABEGG has been busy with this challenge adapting products which cover the decisive power range accordingly. Products have been reduced to the essential, but can be easily expanded to meet requirements at any time.

ZIEHL-ABEGG's products are 100% matched to one another. This means ZIEHL-ABEGG fans and frequency inverters create an energy-saving, quiet and reliably functioning system. The same is true of the combination of control modules with ECblue fans and other products.

At ZIEHL-ABEGG, you have only one contact person for fans, motors and the perfectly matching one-stop control engineering.

This philosophy makes the effort involved easier in terms of planning, production, installation and maintenance.

Covering the big power range from < 1 kW up to 30 kW



ECblue Basic
Power: < 1 kW up to 6 kW



AMblue / PMblue
Power: 2.2 kW up to 22 kW



Frequenzumrichter Fcontrol Basic / Icontrol Basic
Power: 1.1 kW up to 30 kW



ZAcode - the solution - your advantages

On a cross-product basis - ZAcode encompasses the key technologies on the market

- Axial and centrifugal fans
- EC technology and AC technology
- Integrated electronics and external electronics for speed control
- Communication and control intelligence

Simplicity

- Can be operated and understood by everyone

Uniformity

- Identical connection concept of the various products and technologies
- Identical communication (add-on modules for required bus systems)
- Identical functionality
- Modular expandability, thus providing a cost-effective basis
- Expandable on demand - sustainable
- Available in a wide power range of smaller than 1 kW to 30 kW

Safety and reliability

- courtesy of perfectly matched systems
- courtesy of error prevention during installation, start-up, operation and maintenance

Speed

- Uniformity ensures speed in relation to engineering. Hence, the short time to market in relation to product development. Fast start-up and service.

Cost savings

- Your processes will become more efficient, e.g. with regard to engineering
- Basic equipment of ZIEHL-ABEGG products = Buy basic equipment and pay, buy add-ons if necessary - buy only what you need!

Flexibility

- Modular system, expandable and customisable
- Customisable to current and future bus systems
- Basic expandability

Information

ZAbluefin

Cpro

C

C-ATEX

Impellers with hub

System components

Control technology

General notes

ZAcode

Simple, cross--product, uniform

Fans with ECblue Basic
< 1 kW to approx. 6 kW
Highly efficient external rotor motors with permanent magnets and integrated power electronics

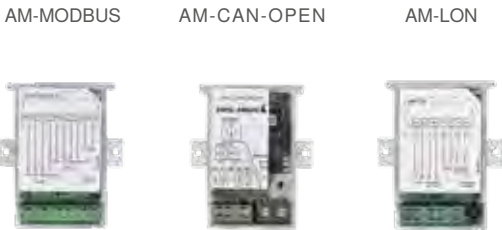


The unique fan co

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L1	L2	L3	K1	

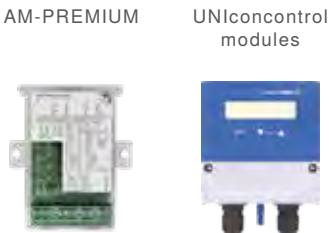
Easily expandable for inte



Fans with asynchronous motors
< 1 kW to approx. 30 kW
Control via mounted Fcontrol Basic or Icontrol Basic frequency inverters



Expandable and combina



Control philosophy

Connectivity

E1	D1	GND	10V	24V

Integration into bus systems

AM-PROFIBUS AM-ETHERCAT ...



Variable control intelligence



PMblue centrifugal fans with mounted PMIcontrol Basic-M

< 2.2 kW to approx. 22 kW

PMblue combines PM motor with permanent magnets and mounted frequency inverter (optionally mountable PMIcontrol)



Centrifugal fans with mounted PMIcontrol Basic-M

< 2.2 kW to 22 kW

AMblue combines AC motor (asynchronous motor) and mounted frequency inverter



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Besoin d'un prix ou d'un conseil technique ?

Ventilateur Ziehl Abegg ZACODE PRODUCTS AND PHILOSOPHY



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- Plus de 200 000 références et 30 marques distribuées
- Vente, réparation, bobinage et SAV en atelier
- Livraison partout en France, accompagnement avant et après-vente

Voir la gamme Ziehl Abegg sur notre site :

www.motralec.com/.../ziehl-abegg

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