

Fiche produit Motralec Ziehl Abegg PXET AQ - fiche technique | Motralec

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

Electronic voltage controllers www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10

Electronic voltage controllers

1~ Acontrol, universal controller with display and bypass main switch



Most ZIEHL-ABEGG external rotor motors can be voltage controlled. For simple and cost-effective speed control of these motors and fans, electronic voltage controllers are available.

For the various applications in refrigeration, air-conditioning and general ventilation technology we supply universal controllers from the Acontrol product family.







These universal controllers provide a facility for controlling temperature, pressure (for example, refrigerant pressure in cooling devices), differential pressure in ventilation systems and other physical factors.

These units have a multifunctional display used for programming and to display the measured values. A bypass main switch is integrated which allows bypassing the internal device electronics. In the bypass position the applied mains voltage is switched directly to the output.

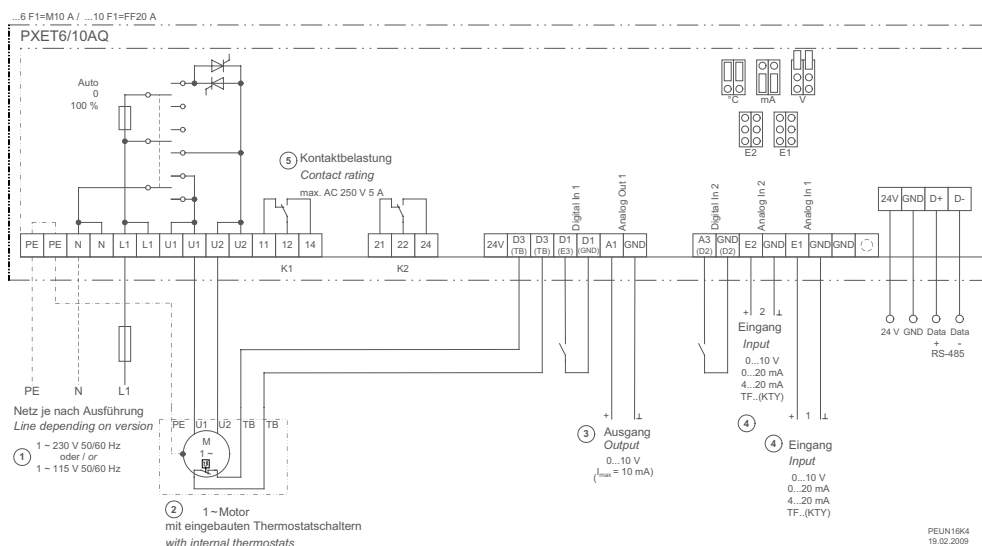
The Acontrol universal devices are ideal for the following applications: refrigeration, air conditioning, agriculture, general air supply and ventilation, clean room technology.

Quick commissioning is facilitated for typical applications in the stated areas by selecting pre-programmed operating modes.

Input for sensors or speed settings through

-  Setting of the desired speed through device or by external default, e.g. 0...10 V
-  Connecting pressure sensors (refrigeration), e.g. type MBG.. sensors, measuring range 0...30 bar, 0...50 bar
-  Connection of thermistors, e.g. sensors type TF.. e.g. active sensor type MTG..
-  Connecting differential pressure sensors (air conditioning), e.g. type MPG.. sensors, measuring range 0...6000 Pa, acquisition of volume flows up to 65000 m³/h
-  Connecting air velocity sensors, e.g. type MAL.. sensors, measuring range 0...1 m/s, 0...10 m/s
-  Connecting additional sensors, e.g. combination sensors, CO₂, sensor signal 0...10 V / 0...20 mA / 4...20 mA

Connection diagram



Interference emission according to EN 61000-6-3 (domestic)
Interference immunity according to EN 61000-6-2 (industrial)

Equipment/properties

LC multifunction display with clear text display:

Different menu languages are selectable

Simple commissioning by operating modes:

Typical operating modes e.g. for air-conditioning, refrigeration or ventilation technology can be selected.

Easy programmability:

Typical settings can be made easily: e.g. setting of a minimum speed, limitation of the maximum speed, inversions and limits. Setting, e.g. for 2-step mode

2 analog inputs for sensors or setting signals:

Analog input E1 and E2: Setting by operating modes or manually programmable, e.g. 0-10 V, 0-20 mA, 4-20 mA

Analog input E2: programmable, e.g. comparison with sensor 1, difference to sensor 1, average value formation, setpoint setting, setpoint adaptation (e.g. outside temperature-dependent)

2 digital inputs D1 and D2:

Programmable, e.g. enable, switchover setpoint 1 or 2, switchover control or manual mode, switch over E1 or E2, control function reversal, output limitation, display of external fault, reset

1 analog output A1:

Setting by operating modes or manually programmable, e.g. output signal proportional to modulation, output signal proportional to input signal, invertible, 10 V constant voltage, group control

2 digital outputs (relays) K1 and K2:

Setting by operating modes or manually programmable, e.g. operating indication, fault indication, limits, external fault at digital input, activation of external devices, e.g. heating, shutters, group control, fans, etc.

Integrated motor protection function:

Connection possibility for thermostats "TB".

Interface RS485 MODBUS RTU:

Integration into bus system

Set protection:

Activation of set protection against unauthorised access, restoration of made settings

Event memory:

Query of occurred events, operating times etc.

Acontrol, universal controller with display and bypass main switch									
1~ 230V 50/60Hz									
Type	Article no.	Rated current	Rated temperature	Max. line fuse	Max. heat dissipation	Maximum ambient temperature	Protection class	Weight	Dimensions (W x H x D)
		A	°C	A	W	°C		kg	mm
PXET6AQ	303610	6	45	10	20	55	IP54	1.40	223 x 200 x 131
PXET10AQ	303611	10	40	16	40	55	IP54	2.40	240 x 284 x 132

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Information

Motor protection

Fcontrol, lcontrol

UNIcon

Acontrol, Ucontrol, Dcontrol

Transformer

System components

Appendix

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

Controllers Ziehl Abegg PXET AQ



4,7/5 . +600 avis Google

- Devis rapide et conseil technique par nos spécialistes
- 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

DEMANDER UN PRIX >