

Fiche produit Motralec Ziehl Abegg PTE HQ - fiche technique | Motralec

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

Electronic voltage controllers

Control technology Main catalogue

[www.motralec.com](http://www.motralec.com) / [service-commercial@motralec.com](mailto:service-commercial@motralec.com) / 01.39.87.65.10

# Electronic voltage controllers

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



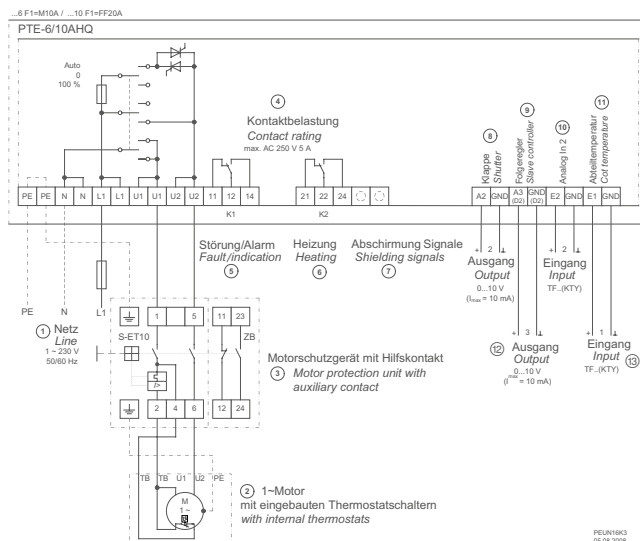
These versions are ideal for stable climate control in agriculture or for classic temperature-dependent air supply and ventilation jobs. These devices have a multifunctional display used for programming and to display the measured values. A bypass main switch is integrated which provides a facility to bypass the internal device electronics. In the bypass position, the applied line voltage is switched directly to the output. A room temperature sensor in IP54 is included in the scope of delivery.

### Input for sensors or speed settings through



Connecting temperature sensors, sensor for input 1, type TFR included in scope of supply  
Sensor for input 2, optional

### Connection diagram



- ① Line
- ② 1~ Motor with integrated thermostats
- ③ Motor protection unit with auxiliary contact
- ④ Contact rating
- ⑤ Fault/Alarm
- ⑥ Heating
- ⑦ Shielding signals
- ⑧ Shutter
- ⑨ Slave controller
- ⑩ Analogue In 2
- ⑪ Compartment temperature
- ⑫ Output
- ⑬ Input

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

## Equipment/Characteristic

### LC-Multifunctional display with plain text display

Various menu languages can be selected

#### Simple commissioning:

The device menu for the temperature control regulates the setpoints for triggering the fans, controlling a ventilation damper, triggering a heater, displaying messages in case the temperature is above or below the parameters, etc.

Adjustable setpoint range: 0-40 °C

#### Input for temperature sensors:

Analogue input E1: Connection for room temperature sensor (included in scope of delivery)

Analogue input E2: Connection facility for an air-supply temperature sensor type TF..., or alternatively as a sensor for dampers or heating control possible

#### 2 analogue outputs

Analogue output A2: to control a ventilation damper

Analogue output A3: as a follow-up controller or to control a heater.

#### 2 digital outputs (relays) K1 and K2

K1: alarm relay, message in case the temperature is above or below set parameters.

K2: Relay to control a heater

K1 + K2 max. load with 250 V 5 A

Acontrol, function temperature 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
PTE-6AHQ	303606	6	45	10	20	55	IP54	1.50	223 x 200 x 131
PTE-10AHQ	303607	10	40	16	40	55		2.50	240 x 284 x 132

ziehl-abegg.com



89

Fiche produit Motralec Ziehl Abegg PTE HQ - fiche technique | Motralec

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

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 PTE HQ



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](http://www.motralec.com/.../ziehl-abegg)

**DEMANDER UN PRIX >**