

Fiche produit Motralec Ziehl Abegg Electronic Voltage Controllers 3 Dcontrol, Speed Controller Or Pressuret...
■ **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

3~ Dcontrol, speed controller or pressure/temperature controller



These versions are primarily used as speed controllers. This is beneficial for upstream control applications or when the devices are combined with control modules from the ZIEHL-ABEGG UNIcon product family. Alternatively, speeds can be pre-set. They can also be set to second stage operation with external switchover, or implemented via an external potentiometer. The Dcontrol voltage controllers also provide an option to control based on temperature or pressure (for example, refrigerant pressure in cooling equipment).

Input for sensors or speed settings through



Setting of the desired speed through device or by external default, e.g. 0...10 V

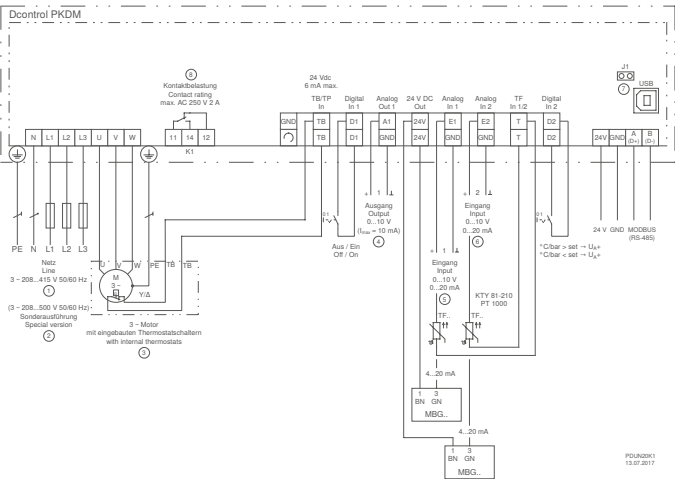


Connecting pressure sensors (refrigeration), e.g. type MBG... sensors, measuring range 0...30 bar, 0...50 bar



Connection of thermistors, e.g. sensors type TF... e.g. active sensor type MTG...

Connection diagram



- ① Line 3~ 208..415 V 50/60 Hz
- ② Special version UL 3~ 208...500 V 50/60 Hz
- ③ 3~ motor motor with built-in thermostats
- ④ Output
- ⑤ Input
- ⑥ Input
- ⑦ USB interface
- ⑧ Contact load

Standard conformity

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

Equipment/Characteristics

Simple commissioning with dip switch and potentiometer:

The controls are accessible directly in the device terminal compartment. Set the dip switch to select the desired device function (operating modes: speed controller, temperature, or pressure controller). The setpoint preset is set with the potentiometer.

Two analogue inputs for sensors or default signal

Analogue input E1 and E2: Set/enable by selecting the operating mode (dip switch), e.g., 0-10 V, 4-20 mA. When operating as a controller, e.g. connection of two sensors for controlling the higher value (e.g., two-loop condenser)

2 digital inputs D1 and D2

For connecting an external, floating contact.

D1: Enable function On/Off

D2: Reverse the control function, e.g. heating, cooling

1 analogue output A1:

Output signal proportional modulation or constant voltage +10 V (max. 10 mA) to connect an external potentiometer for speed prese

1 floating alarm relay K1:

During a fault, the relay drops out. Max. load 250 V, 2 A.

Integrated motor protection function

Connection facility for thermostat "TB" or thermistor "TP"

Interface RS485 MODBUS RTU

Connection to bus system

Interface USB

e.g. for software update, communication with PC
(not on 50, 80 Ampere devices)

Information

Motor protection

Fcontrol, lcontrol

UNIcon

Acontrol, Ucontrol, Dcontrol

Transformer

System components

Appendix

Dcontrol, speed controller or pressure/temperature controller										
3~ 208...415V 50/60Hz										
Type	Article no.	Rated voltage	Rated current	Rated temperature	Max. line fuse	Max. heat dissipation	Maximum ambient temperature	Protection class	Weight	Dimensions (W x H x D)
		V	A	°C	A	W	°C		kg	mm
PKDM6	304587	400	6	40	10	30	55	IP54	2.20	240 x 284 x 115
PKDM10	304588		10	45	16	50	55		2.70	240 x 284 x 115
PKDM12	304589		12	40	16	75	55		3.60	270 x 323 x 146
PKDM15	304590		15	40	20	100	55		4.90	270 x 323 x 146
PKDM20	304591		20	45	25	200	55		5.45	250 x 302 x 195.5
PKDM25	304592		25	45	35	270	55		11.05	280 x 355 x 239
PKDM35	304593		35	50	50	440	55		11.10	280 x 355 x 239
PKDM50	304631		50	40	63	170	55		19.50	386 x 525 x 283
PKDM80	304632		80	40	100	270	55		20.50	386 x 525 x 283

Devices with a rated temperature below 55 °C can be used up to 55 °C with a reduction in performance.

Dcontrol, speed controller or pressure/temperature controller for increased ambient temperature										
3~ 208...415V 50/60Hz										
Type	Article no.	Rated voltage	Rated current	Rated temperature	Max. line fuse	Max. heat dissipation	Maximum ambient temperature	Protection class	Weight	Dimensions (W x H x D)
		V	A	°C	A	W	°C		kg	mm
PKDM10Z	304601	400	10	50	16	45	55	IP54	2.70	240 x 284 x 115
PKDM12Z	304602		12	50	16	70	55		3.60	270 x 323 x 146
PKDM15Z	304603		15	50	20	95	55		4.90	270 x 323 x 146
PKDM20Z	304604		20	50	25	190	55		5.45	250 x 302 x 195.5

Devices with a rated temperature below 55 °C can be used up to 55 °C with a reduction in performance.

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

Contrôleur de pompe Ziehl Abegg ELECTRONIC VOLTAGE CONTROLLERS 3 DCONTROL SPEED C



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 >