

Fiche produit Motralec Ziehl Abegg PXDM - fiche technique | Motralec

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

Control technology Main catalogue www.motralec.com / service-commercial@motralec.com / 01.39.97.65.10

Electronic voltage controllers

3~ Ucontrol, universal controller with display and bypass main switch



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

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

These universal control devices also provide an option to control based on temperature, pressure (for example refrigerant pressure in cooling equipment), differential pressure in ventilation systems, or other physical factors.

The Ucontrol universal devices are ideal for following applications: refrigeration, air conditioning, agriculture, general air supply and ventilation jobs, clean room technology. By selecting pre-programmed operating modes, fast commissioning for typical applications in the stated sectors is possible.

These versions have an additionally integrated bypass main switch. This offers the possibility of bypassing the internal device electronics. In the bypass position, the applied line voltage is switched directly to the output.

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

Ucontrol, universal controller with display and bypass main switch

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
PXDM6AQ	304614	400	6	40	10	30	55	IP54	2.55	240 x 284 x 132
PXDM10AQ	304615		10	45	16	50	55		3.05	240 x 284 x 132
PXDM12AQ	304616		12	40	16	75	55		4.00	270 x 323 x 162
PXDM15AQ	304617		15	40	20	100	55		5.30	270 x 323 x 162
PXDM25AQ	304618		25	45	35	270	55		11.40	280 x 355 x 256
PXDM35AQ	304619		35	50	50	440	55		11.45	280 x 355 x 256
PXDM50AQ	304641		50	40	63	170	55		20.70	386 x 525 x 299.5
PXDM80AQ	304642		80	40	100	270	55		22.80	386 x 525 x 299.5

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 ?

Régulateur tension électronique Ziehl-Abegg PXDM



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Voir la fiche technique sur notre site :

www.motralec.com/.../regulateur-tension-electronique-ziehl-abegg-pxdm

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