

Fiche produit Motralec Ziehl Abegg Icontrol Basic With Display - fiche technique | Motralec

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

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

# Frequency inverters

3~ Icontrol Basic, speed controller with display, main switch optional



The Icontrol frequency inverters are intended primarily for requirement-based and energy-saving speed control of internal rotor motors (IEC standard motors).  
The Icontrol Basic are available as speed controllers in the version with integrated display and the version with integrated display and main switch.

The speed setting can be made by a master control by 0-10 V, e.g. by a ZIEHL-ABEGG control module from the UNIcon product series. The speed can also be set manually by connecting a potentiometer. Two-stage operation with adjustable speeds is possible optionally.

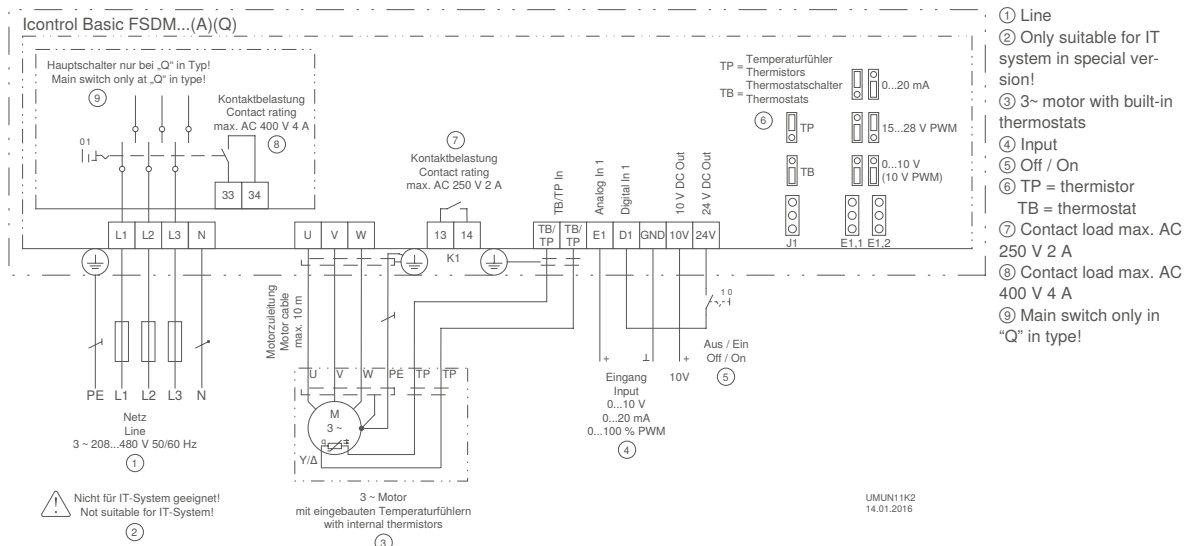
The 3~ Icontrol Basic are universally suitable for many different applications: E.g. air conditioning technology, general ventilation tasks, combination with medium pressure axial fans MAXvent.

### Input for sensors or speed settings through



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

### Connection diagram



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

## Equipment/properties

### LC multi-function display with plain text display:

Setting of desired values: Speeds, motor parameters Display of modulation, operating states etc.

### 1 analog input for speed setting:

Analog input E1: Setting by jumper to desired setting signal: 0-10 V, 0-20 mA or PWM

### 1 digital input:

D1 - 24 V: Enable function On/Off

### 1 potential-free fault indication contact:

The contact drops out in case of a fault. Max. load 250 V, 2 A.

### Integrated motor protection function:

Connection possibility for thermostats "TB" or thermistors "TP".

### Optional version with integrated main switch:

Switch settings 0 - I. The main switch can be locked with a padlock in position 0.

## Icontrol Basic with display

3~ 208...480V 50/60Hz

Type	Article no.	Rated voltage	Rated current	Rated temperature	Rated power	Max. line fuse	Max. heat dissipation	Maximum ambient temperature	Protection class	Weight	Dimensions (W x H x D)
		V	A	°C	kW	A	W	°C		kg	mm
FSDM2.6A	308228	400	2.6	50	1.1	6	40	55	IP54	2.70	240x284x115
FSDM3.6A	308230		3.6	40	1.5	6	55	2.80		240x284x115	
FSDM5A	308232		5	55	2.2	10	80	4.80		250x302x195.5	
FSDM7A	308234		7	50	3	10	105	4.90		250x302x195.5	
FSDM8.5A	308236		8.5	55	4	10	130	5.80		250x302x195.5	
FSDM12A	308265		12	55	5.5	16	175	5.90		250x302x195.5	
FSDM17A	308267		17	50	7.5	20	260	6.10		250x302x195.5	
FSDM25A	308323		25	40	11	35	480	12.50		280x355x239	
FSDM32A	308325		32	50	15	35	750	24.50		386x525x283	
FSDM39A	308327		39	55	18.5	50	900	26.30		386x525x283	
FSDM46A	308329		46	50	22	50	1050	26.30		386x525x283	
FSDM62A	308331		62	40	30	63	1250	26.30		386x525x283	

Devices with a rated temperature below 55 °C can be used up to 55 °C with a reduction in performance  
rated power = power rating of the internal rotor motor. The motor rated current is decisive for the assignment of the frequency inverter.

## Icontrol Basic with display and main switch

3~ 208...480V 50/60Hz

Type	Article no.	Rated voltage	Rated current	Rated temperature	Rated power	Max. line fuse	Max. heat dissipation	Maximum ambient temperature	Protection class	Weight	Dimensions (W x H x D)
		V	A	°C	kW	A	W	°C		kg	mm
FSDM2.6AQ	308229	400	2.6	50	1.1	6	40	55	IP54	2.90	240x284x149
FSDM3.6AQ	308231		3.6	40	1.5	6	55	55		3.00	240x284x149
FSDM5AQ	308233		5	55	2.2	10	80	55		5.00	250x302x229.5
FSDM7AQ	308235		7	50	3	10	105	55		5.10	250x302x229.5
FSDM8.5AQ	308237		8.5	55	4	10	130	55		6.00	250x302x229.5
FSDM12AQ	308266		12	55	5.5	16	175	55		6.10	250x302x229.5
FSDM17AQ	308268		17	50	7.5	20	260	55		6.20	250x302x229.5
FSDM25AQ	308332		25	40	11	35	480	55		12.80	280x355x273
FSDM32AQ	308333		32	50	15	35	750	55		25.30	386x525x317
FSDM39AQ	308334		39	55	18.5	50	900	55		27.10	386x525x317
FSDM46AQ	308335		46	50	22	50	1050	55		27.10	386x525x317
FSDM62AQ	308336		62	40	30	63	1250	55		27.10	386x525x317

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Ventilateur Ziehl Abegg ICONTROL BASIC WITH DISPLAY



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- Vente, réparation, bobinage et SAV en atelier
- Livraison partout en France, accompagnement avant et après-vente

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

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