

## Frequency Drive Speed Control

### Original instructions.

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Software and documentation available at:

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<http://resource-center.desouttertools.com>

## **POSSIBLE USES INCLUDE**

- Speed Change either automatically through a proximity switch or manually through the keypad. Can be used when changing hole size/material or "drapping".
- Electric motor reversal for tension tapping.
- Rapid advance and motor reversal when lead screw tapping.

## **BASIC FEATURE SUMMARY**

### **Easy Integration.**

- Flexible application macros.
- On board power supply 12vdc. max 100mA for powering proximity switches.
- Five programmable digital inputs for logic functions.
- Two programmable analog inputs.
- Simple keypad entry for parameter setting.

### **Detachable Control Panel.**

- Parameters can be easily copied from drive to drive.
- Tamper proof setting.

### **Multiple mounting possibilities.**

- Wall mount.
- Built in DIN rail mount.
- Flange mount where the heat sink can be placed outside of a cabinet.

### **CE Marked. UL and CUL Approved.**

### **DC Braking Optional Accessory.**

## FREQUENCY DRIVE SELECTION

	Use frequency drive	
	for 200 to 240 V	for 380 to 480 V
AFDE200/400/600	ACS150-03E-03A5-2	ACS150-03E-02A4-4
AFDE410/610	ACS150-03E-06A7-2	ACS150-03E-03A3-4
AFDE620	ACS150-03E-06A7-2	ACS150-03E-04A1-4
AFTE480	ACS150-03E-06A7-2	ACS150-03E-03A3-4

## STANDARD RATINGS AND FRAME SIZES

(Ambient temperature 40°C).

	Rated Motor Power HP	Rated Output Current 3 phase (A)		Frequency Drive	Input Current max 3 phase A	Frame Size / Weight kg
		Output Current I <sub>2</sub>	Maximum Current I <sub>max</sub>			
200-240V 3 phase 50/60 Hz	0.75	3.5	5.25	ACS150-03E-03A5-2	6.1	R0 / 1.5
	1.50	4.7	7.05	ACS150-03E-06A7-2	11.8	R1 / 1.7
	3.00	9.8	14.7	ACS150-03E-09A8-2	14.3	R2 / 1.9
380-480V 3 phase 50/60 Hz	1.00	2.4	3.60	ACS150-03E-02A4-4	4.1	R1 / 1.7
	1.50	3.0	4.50	ACS150-03E-03A3-4	6.0	R1 / 1.7
	2.00	4.1	6.15	ACS150-03E-04A1-4	6.9	R1 / 1.7
	3.00	5.6	8.40	ACS150-03E-05A6-4	9.6	R1 / 1.7

**More Than Productivity**