

TB182 (Rev2) - Delta Inverter Non-ATC Settings (VFD-B)

Overview:

This Technical Bulletin describes how to set the parameters for Delta VFD-B series inverter.

To program the Delta Inverter programming parameters:

Each Delta inverter parameter has 2 set of numbers. Example: 01-02. We will call 01 "Group Parameter" and 02 "Parameter Number."

1. Press "PROG"
2. Press the up or down arrow key to select the group parameter.
3. Press "PROG"
4. Press the up or down arrow key to select the parameter number.
5. Press "PROG". At this time parameter value should be blinking. Use arrow key to change the value.
6. Press "PROG" again to save parameter values or "Mode" to discard.
7. Continue until all the parameters have been set.

Delta Inverter Parameter Settings

Model: VFD-B

Parameter	Function	Setting
00-09	Control Method.	0
01-00	Maximum Output Frequency (F_{max})	xxx
01-02	Maximum Output Voltage	xxx
01-09	Acceleration Time 1	2 ~ 5
01-10	Deceleration Time 1	2 ~ 5
01-15	Auto Acceleration / Deceleration	1
02-00	Source of First Frequency Command	01
02-01	Source of First Operation Command	01
03-01	Multi-Function Output Terminal MO1	3
03-02	Multi-Function Output Terminal MO2	24

* Parameter 01-00 depends on the maximum spindle speed desired.

* Parameter 01-02 depends on the motor specification. Usually this information is listed on the tag of motor.

* Parameter 03-01 and 03-02 is used for Zero Speed.

* To reset this inverter, set parameter 00-02 to 10.

VFD-V inverter connections:

R, S, T - 3 phase power in.

U, V, W - Motor power out

FWD - Spin forwards.

REV - Spin reverse.

MI5 - Reset.

DCM - Input common

AVI - 0-10vdc input.

ACM - 0-10vdc common.

RA - Inverter fault. (Normally open)

RC - Inverter fault common.

+2/B1,B2 - Braking resistor.

Document History

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[Rev1](#) Created on **2005-11-15** by **#000**