This Application Note applies to M100 through M400 series

Defaulting M100-M400 to Factory Settings

This document provides information on how to clear parameters and restore the drive back to factory settings.

Why Default the Drive to Factory Settings?

There are occasions where setting up the drive the wrong parameter(s) was accessed leading to inoperative condition from the drive or swapping a drive from another location may require a different setup.

Get the Drive in the Inhibit Mode

Before defaulting the drive, the drive should no longer be running and it should be in the Inhibit mode. On the M100-M300 the display should say "inh" and for the M400 it should say "Inhibit".Should the drive be in the Ready mode then shut off power to the drive and wait for the display to go blank.

For drives M100 – 200, remove the wire on terminal 9, the 24 Vdc source for the digital inputs.

For drives M300 – M400, either remove the Safe Torque Off (STO) connector or remove the wire on terminal 9 that supplies 24 Vdc for the STO.

When power is restored to the drive the display should show it is in the Inhibit mode.

Defaulting Process

Go to parameter #00.000
Change the setting from "None" to "Def.60" (select "Def.50" for 50 Hz configuration) Press the Enter button once and then press the red Stop/Reset button once; the setting should return back to "None". The drive is defaulted and the parameters will need to be entered into the drive again.

Don't forget to later return the wire back to terminal 9 of the terminal strip or connect the STO connector back to its location.

Resources: can be found on our website: www.controltechniques.com
For help contact techsupport.cta@mail.nidec.com, or
call Technical Support at 952-995-8000, 24/7/365

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