

Self-configuration can be executed by either turning the power ON with the CNFG and INIT switches ON, or it can be executed from MotionWorks (MPE720). The procedure for executing self-configuration using the CNFG and INIT switches is shown below.

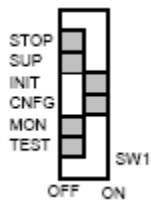
The allocated I/O register numbers may change when self-configuration is executed, if modules are not in the same slot as originally configured.

Self-configuration eliminates the need to make settings for Module definitions, making it possible to perform startup work easily and quickly for the MP2300 system. Optional Modules are recognized and definition files are generated automatically.

Input registers and output registers are automatically allocated to I/O. Allocation is performed in ascending order from the Module with the lowest option slot number. The lowest slot number is nearest the CPU (The CPU is considered slot #0).

For networks, such as Mechatrolink and DeviceNet, information about the station configuration is collected and definition files are generated automatically.

## • Performing Self-configuration for the Entire Configuration



CNFG switch = ON  
INIT switch = ON

Self-configuration will be performed for all Modules. All definition files will be created (or recreated). All ladder files, functions, and registers will be cleared.

## • Performing Self-configuration for Additions and Changes

CNFG switch = ON  
INIT switch = OFF

Self-configuration is performed for Optional Modules and network devices that have been added or changed. Be sure that modules with existing definition files are connected when self-configuration is executed. Only definition data for Modules that have been added or changed will be overwritten.

For the configuration to be permanently stored in the controller memory, the information must be saved to the flash memory.

