Parameters

To configure a Drive module to operate in a specific way, drive parameters may have to be set. Three types of parameters exist:

- **ENUM Parameters**
  These parameters allow a selection from 2 or more items
- **Bit Parameters**
  These parameters have individual bits associated with features or conditions. If the bit is 0, the feature is off or the condition is false. If the bit is 1, the feature is on or the condition is true.
- **Numeric Parameters**
  These parameters have a single numeric value (i.e. 0.1 Volts).

The example on the following page shows how each parameter type is presented in this manual.

No.	Name Description	Values		
16	**Speed Ref Sel** Enter or write a value to select the source of the speed reference to the drive.	Default:	Val 1	Spd Ref 1
		Options:	Val 0 Val 1 Val 2	Zero Speed Spd Ref 1 Spd Ref 2
		File: Group:	Speed Control Reference	
80	**Speed Reg Ctrl** Enter or write a value to configure the speed regulator integrator.	Default:	0000 0000	
		Options:	Bit 0 Bit 1 Bit 2 Bit 3 Bit 4	Reserved Preset Sel Integ Hold Integ Reset
		File: Group:	Speed Control Regulator	
11	**Spd Ref1 Divide** Speed Ref 1 is divided by this number. Use this parameter to scale the value of Speed Ref 1. ⬤	Default: Min: Max: Type: File: Group:	1 -2200000000 2200000000 Non-Linkable Read-Write Floating Point Speed Control Reference	

No.	Description		
❶	No. - Parameter Number. ⬤ = Stop drive before changing this parameter.		
❷	Name - Parameter name as is appears in DriveExecutive software. Description - Brief description of parameter function.		
❸	Values - Defines the various operating characteristics of the parameter. Three types exist		
	ENUM	Default: Options: File: Group:	Lists the value assigned at the factory. Displays the selections available. Lists the major parameter file category. Lists the parameter group within the file.
	Bit	Default: Options: File: Group:	Lists the bit pattern assigned at the factory. Displays the selections available. Lists the major parameter file category. Lists the parameter group within the file.
	Numeric	Default: Min: Max: Type: File: Group	Lists the value assigned at the factory. Displays lowest possible setting. Displays highest possible setting. Indicates if parameter is linkable, read-write, read-only, and data type (i.e. integer, floating point, boolean). Lists the major parameter file category. Lists the parameter group within the file.