

SYSTEM OPERATION

The SERVOSTAR has a seven-segment indicator, called a Status Display that indicates four types of states: Power-up, Steady State, Flashing State, and Momentary State. The decimal point directly relates to the global drive enable.

Status Display	
DRIVE STATE	DISPLAY APPEARANCE
Power-up	Momentarily illuminates all display segments (forming an 8) and the decimal point.
Steady State (No Faults)	Displays the operational mode (OPMODE) of the drive (0-8).
Flashing State	Used to indicate an abnormal operating state: If the position hold feature is active, the OPMODE number will flash at a 1 Hz rate. If a fault was detected, a flashing code will be displayed to identify the fault. Some codes consist of a sequence of two or more digits (see Troubleshooting section). In general, these faults will cause a latched disable (sometimes controllable through software switches). To clear fault, toggle remote enable (except for OverCurrent). If the encoder initialization function (ENCSTART) is active, the OPMODE number will flash at a 3 Hz rate.
Momentary Fault	Displays a character momentarily for 500 ms before returning to the steady state. The timer is resettable. C = Communications Error F = Drive is in FoldBack mode

Status Display Decimal Point	
DECIMAL POINT STATE	DRIVE STATUS
Steady OFF	No power to the motor
Steady ON	Drive enabled, power to the motor
Flashing	Drive enabled, power to the motor, but a motor safety feature has been disabled (for example, LIMDIS = 1).