

Introduction

ADVANCED Motion Controls[®] analog brushless servo drives offer the flexibility to drive a brushed motor with a few simple setup steps. The following is a set of instructions configuring a brush-type motor with servo drive model numbers starting with B, BE, BX, and M/V™ Series motor controllers.

Note: These instructions do not apply to the analog S-Series and AZB-Series drives. For instructions on configuring an S-Series or AZB-Series drive for operation with a brush-type motor, contact technical support.

Switch Setting

Set the **120°/60° PHASING** dipswitch to **OFF** for 60° phasing (refer to servo drive datasheet for switch number). The OFF position is toward the outside of the case as shown in the picture below.

Note: Make sure to disconnect all Hall sensor inputs.

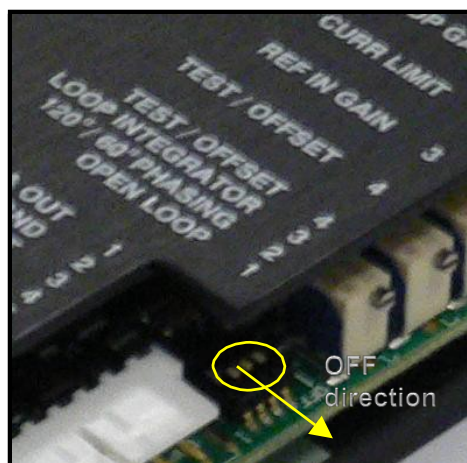
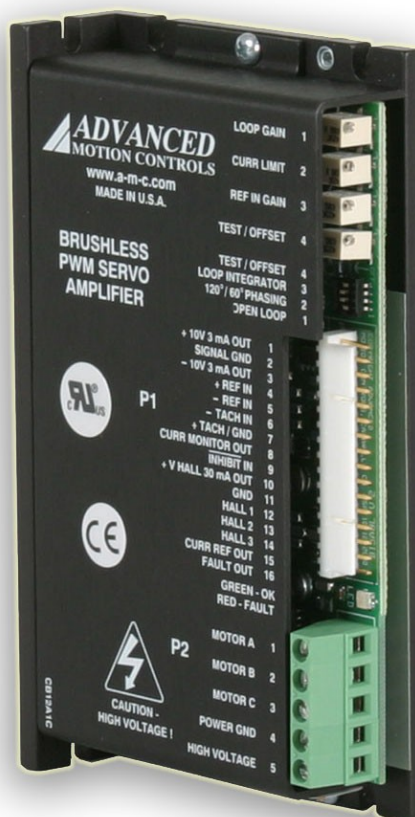


Figure 1 120°/60° Phasing Switch Example

Note: The 120°/60° Phasing Switch location and switch number varies depending on the drive model. Refer to the drive datasheet to determine the appropriate DIP Switch.



Motor Connections

With the **120°/60° PHASING** switch OFF, the motor connections to the servo drive will be to the MOTOR A and MOTOR B terminals only.

Terminal	Connection
MOTOR A	Negative (-)
MOTOR B	Positive (+)
MOTOR C	No Connection

Table 1 Brushed Motor Connections

Note: Make sure to reference the correct datasheet for the servo drive being used.