

Introduction

AMC analog brushless amplifiers 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 amplifier part numbers starting with B, BE, and BX.

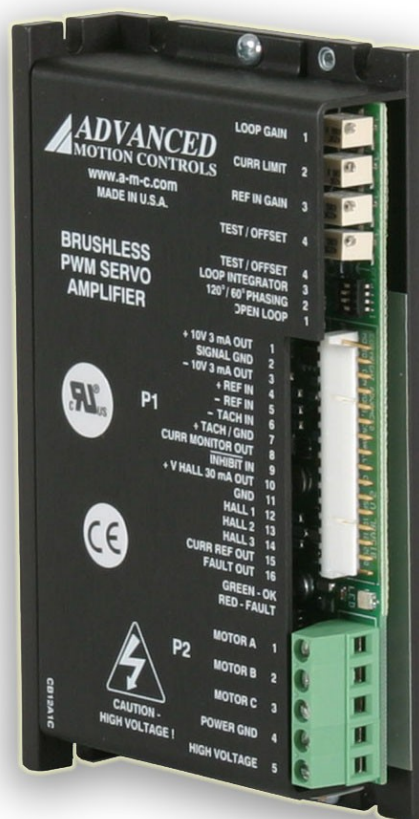
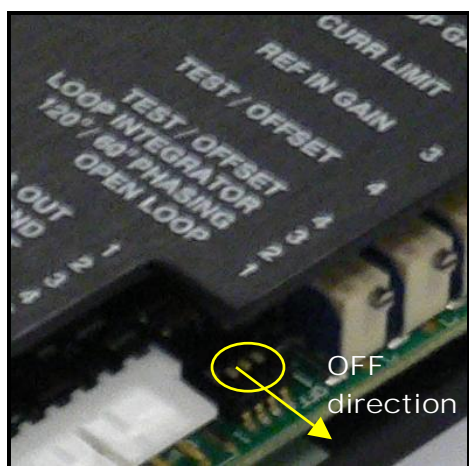
NOTE: These instructions do not apply to the analog S-Series and ZB-Series drives. For instructions on configuring an S-Series or ZB-Series drive for operation with a brush-type motor, contact technical support.

Switch Setting

Set the **120°/60° PHASING** dipswitch to **OFF** for 60° phasing (refer to amplifier enclosure 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.

120°/60° PHASING Switch



Motor Connections

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

Bushed Motor Connections

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

NOTE: Make sure to reference the correct data sheet for the servo amplifier being used.