

ANALOG BRUSH PWM SERVO AMPLIFIERS SMA7115 MULTI AXIS AMPLIFIER MODEL NUMBERING

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This section explains the model numbering system for Glentek's SMA7115 Analog Brush PWM servo amplifier. The model numbering system is designed so that you, our customer, will be able to quickly and accurately create the model number for the amplifier that best suits your needs. In order to accurately select a complete part number, please choose the industry standard mounting configuration which meets your needs (i.e. Module, Stand Alone or Multi Axis) and then complete the amplifier configuration code per your requirements.

Note: A complete model number example follows each section and includes a full description of the individual codes which make up the complete model number.

Multi Axis Model Numbering

SMA7115XX - _ - _ A - _ - ZZ - RRR

Amplifier Model Number

Power Rating
Omit = Standard Power
HP = High Power

Amplifier Module Configuration Code & Optional Custom Configuration Code

Maximum number of amplifier modules the chassis will hold.
2 = 2 axis chassis
4 = 4 axis chassis

Optional Custom Configuration Code for the Power Supply and Regen Circuit

Power Supply Configuration Code
00 = 21-155VAC (Single or 3 Phase)
01 = Special

The total number of amplifier modules mounted on the chassis

Example: SMA7115HP - 04C - 2A - 2 - 00

High Power

Type A Reset, type C Inhibit, type A Limits, Differential signal input, Current mode, +15VDC Logic, 30-220VDC Operation of module.

21-155VAC operation

2 amplifier modules installed

2 axis chassis w/power supply

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LOGIC INPUT CONFIGURATION DESCRIPTION:

There are four logic inputs: Limit+, Limit-, Inhibit and Reset In. They may be configured for active-high or active-low signals and pull-up or pull-down termination (type A, B, C and D). All logic inputs have selectable 0 to +5VDC or 0 to +15VDC range. Following is a description of the various types (A, B, C and D) and how they apply to the inhibit input:

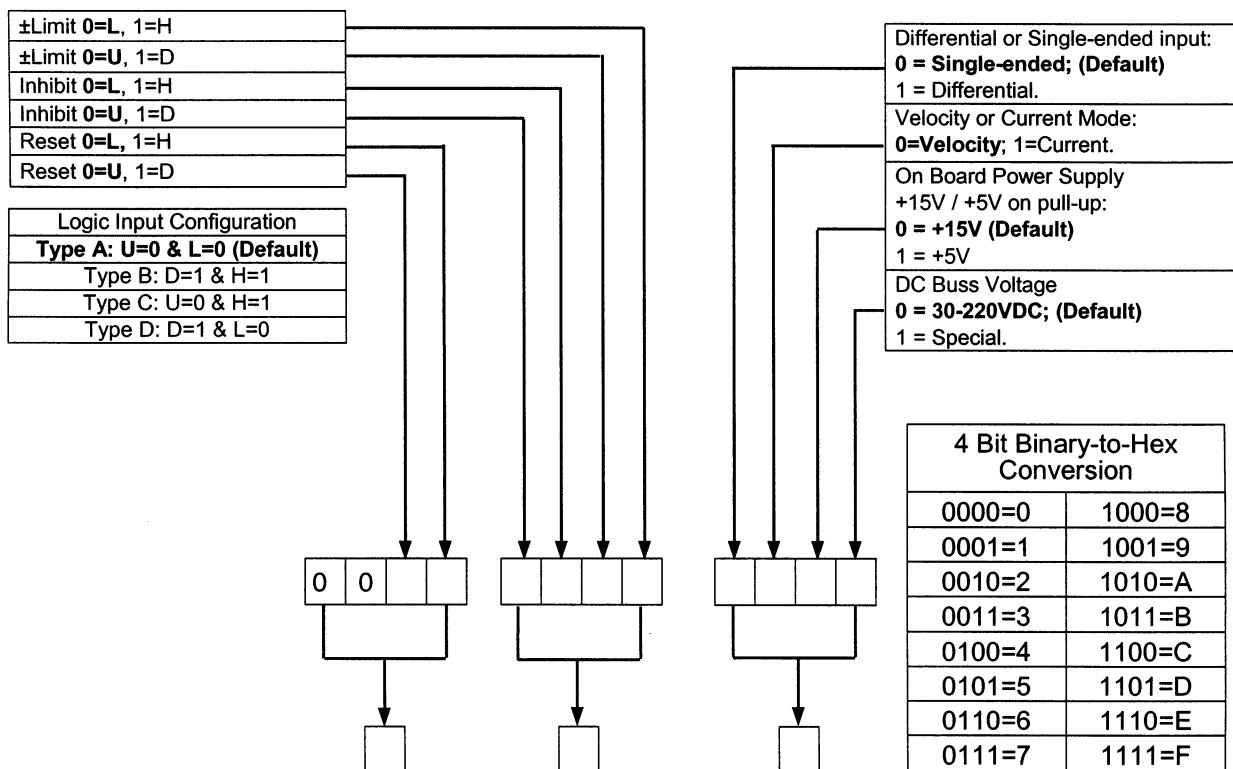
Type "A": Requires grounding of input to disable the amplifier (pull-up, active-low).

Type "B": Requires a positive voltage at input to disable the amplifier (pull-down, active-high).

Type "C": Requires grounding of input to enable the amplifier (pull-up, active-high).

Type "D": Requires a positive voltage at input to enable the amplifier (pull-down, active-low).

Amplifier Configuration Code



Example: SMA7115 - 040 - 1

Type A Reset, type C Inhibit, type A Limits
Single-ended signal input, Velocity mode.
+15VDC Logic, 30-220VDC Operation.

Single amplifier module