



2094 Mounting Brackets

(Catalog Number 2094-XNBRKT-1)

This publication provides installation instructions for the Allen-Bradley® Bulletin 2094 mounting brackets. The mounting brackets are designed to save panel space by letting you mount the 2094 Power Rail or Line Interface Module (LIM) over the AC line filter. Each bracket provides threaded holes for mounting the 2094 Power Rail or Line Interface Module (2094-AL75S and -XL75S-Cx). For further Kinetix® 6000 installation information refer to the *Kinetix 6000 Multi-Axis Servo Drive Installation Manual* (publication 2094-IN001x-EN-P).

The number of brackets required for use with the power rail and LIM are shown in the table below.

| Module to Mount | Brackets Required |
|-----------------------------------|-------------------|
| LIM (2094-AL75S and -XL75S-Cx) | 2 |
| Power Rail (PRx or PRSx) 1-4 axis | 2 |
| Power Rail (PRx or PRSx) 5-8 axis | 3 |

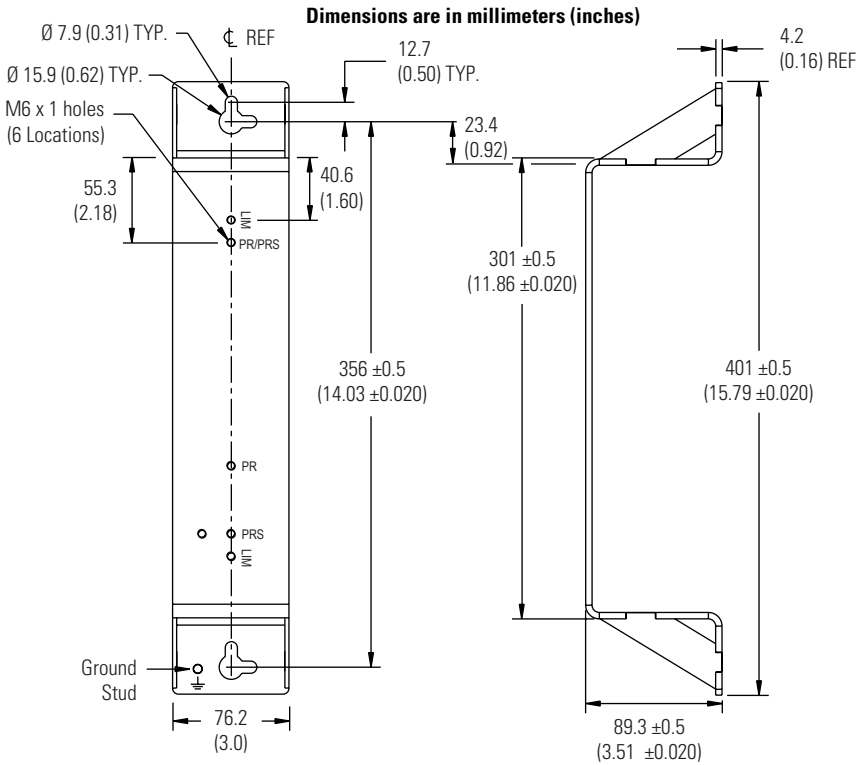
Note: The 2094-BL75S, -AL09, and -BL02 LIM models are not compatible with the 2094 mounting brackets.

IMPORTANT

When 2094 mounting brackets are used to mount the power rail, the braided ground strap must be removed from the power rail and attached to a mounting bracket ground stud.

Mounting Bracket Dimensions

Figure 1
Mounting Bracket Dimensions

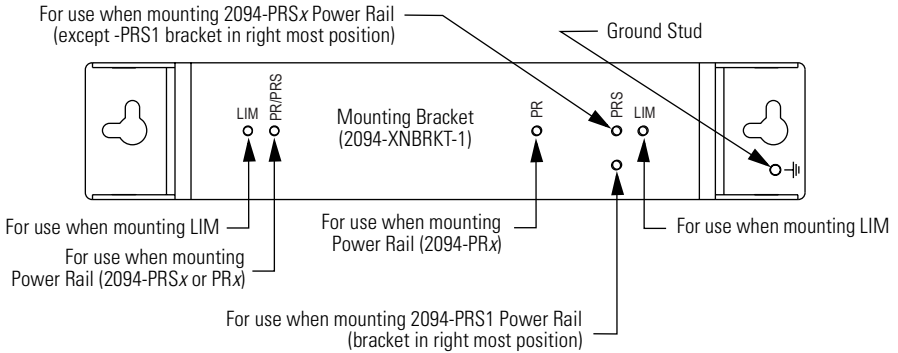


IMPORTANT

To improve the bond between the brackets and subpanel, construct your subpanel out of zinc plated (paint-free) steel. For more information on bonding, panel layout, and mounting of your Kinetix 6000 drive system, refer to the *Kinetix 6000 Multi-Axis Servo Drive Installation Manual* (publication 2094-IN001x-EN-P).

Locating Mounting Bracket Features

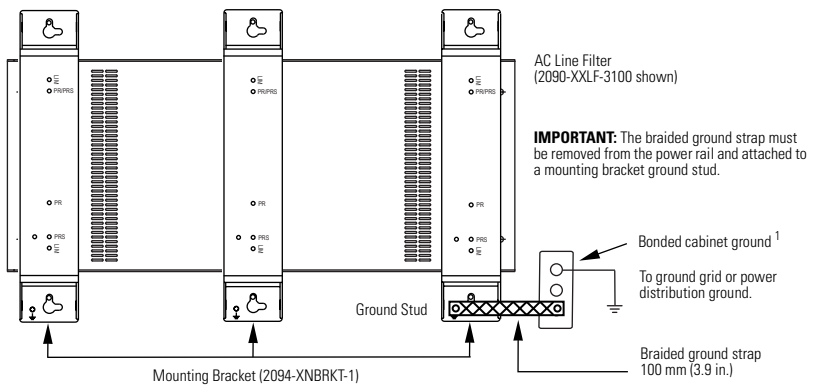
Figure 2
Mounting Bracket Features



Mounting and Orientation

When using mounting brackets to mount the power rail, orient the brackets and AC line filter as shown in Figure 3.

Figure 3
Mounting Brackets with Power Rail



¹ For more information on bonding subpanels, refer to the *System Design for Control of Electrical Noise Reference Manual* (publication GMC-RM001x-EN-P).

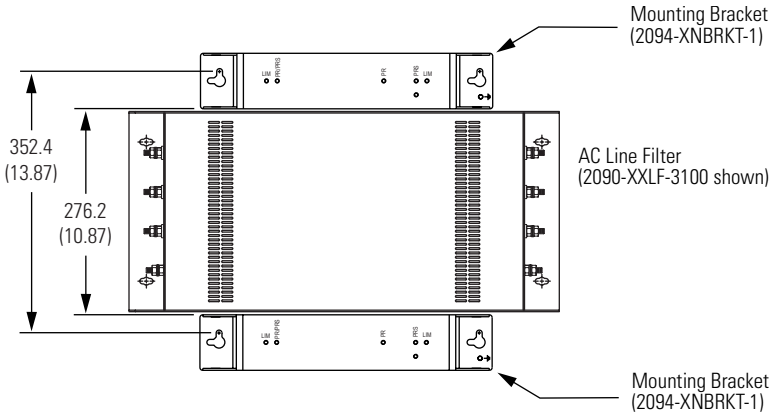
Note: For 2094 power rail dimensions, refer to the *Kinetix 6000 Installation Manual* (publication 2094-IN001x-EN-P).

When using mounting brackets to mount the LIM, orient the brackets and AC line filter as shown in Figure 4.

IMPORTANT

Only the 2094-AL75S and -XL75S-Cx models are compatible with the 2094 mounting brackets. The 2094-BL75S, -AL09, and -BL02 models are not.

Figure 4
Mounting Brackets with LIM



IMPORTANT

To improve the bond between the brackets and subpanel, construct your subpanel out of zinc plated (paint-free) steel. For more information on bonding, panel layout, and mounting of your Kinetix 6000 drive system, refer to the *Kinetix 6000 Multi-Axis Servo Drive Installation Manual* (publication 2094-IN001x-EN-P).

For more information refer to our web site: www.ab.com/motion

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