

Setting the Ground Jumper in Ungrounded Power Configurations

Setting the ground jumper is necessary only when using an ungrounded or high-impedance grounded power configuration. Setting the jumper involves removing the IAM power module from the power rail, opening the IAM module, and moving the jumper.

IMPORTANT

If you have grounded power distribution, you do not need to set the ground jumper. Go to [Install the IAM/AM Power Modules on page 7](#).

Setting the ground jumper is best done when the IAM power module is removed from the power rail and placed face-up on a solid surface equipped as a grounded static-safe workstation.



ATTENTION: To avoid personal injury and/or damage to equipment, remove the IAM power module from the power rail before setting the ground jumper.

By setting the ground jumper for ungrounded power configurations, you no longer maintain line-to-neutral voltage protection.

To remove the IAM power module from the power rail, refer to the Kinetix 6200 and Kinetix 6500 Modular Servo Drives User Manual, publication [2094-UM002](#).



ATTENTION: This drive contains electrostatic discharge (ESD) sensitive parts and assemblies. You are required to follow static-control precautions when you install, test, service, or repair this assembly. If you do not follow ESD control procedures, components can be damaged. If you are not familiar with static control procedures, refer to [Guarding Against Electrostatic Damage, publication 8000-4.5.2](#), or any other applicable ESD awareness handbook.

When using ungrounded input power in common-bus configurations, use this table to determine where to set the ground jumper.

Ground Jumper to Set

Leader Drive	Follower Drive	Set the Jumper in This Drive
Kinetix 6200\6500 IAM module	Kinetix 6200\6500 IAM module	Leader drive
Kinetix 6200\6500 IAM module	Non-Kinetix 6200\6500 drive	Leader drive
Non-Kinetix 6200\6500 drive	Kinetix 6200\6500 IAM module	Follower drive (if no setting exists in the leader drive)