

IMPORTANT

The IAM power module must be positioned in the leftmost slot of the power rail. Position your AM/IPIM modules, shunt module, and slot-filler modules to the right of the IAM module.

The shunt module must be installed to the right of the last AM/IPIM module. Only slot-filler modules can be installed to the right of the shunt module.

Do not mount the shunt module on power rails with a follower IAM module. Common-bus follower IAM modules disable the internal, rail mounted, and external shunt modules.



SHOCK HAZARD: To avoid personal injury due to electrical shock, place a 2094-PRF slot-filler module in all empty slots on the power rail.

Any power rail connector without a module installed disables the drive system; however, control power is still present.

Mount the IAM/AM Power Modules

Follow these steps to mount the IAM, AM, IPIM, shunt, and slot-filler modules.

TIP

All modules mount to the power rail by using the same technique; however, only the IAM module is shown.

1. Remove the protective covers from the power rail connectors.

IMPORTANT

The IAM module must be positioned in the leftmost slot of the power rail. Position your axis modules, shunt module, and slot-filler modules to the right of the IAM module.

2. Determine the next available slot and module for mounting.



ATTENTION: To avoid damage to pins on the back of each IAM, AM, IPIM, shunt, and slot-filler module, and to make sure that module pins mate properly with the power rail, hang modules as shown in [step 3](#) through [step 6](#).

The power rail must be mounted vertically on the panel before hanging modules on the power rail. Do not mount modules if the power rail is horizontal.