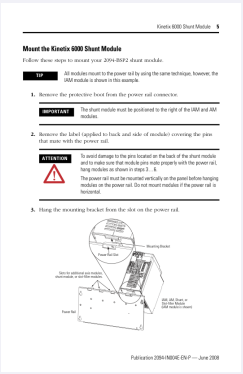
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

2094-BSP2

Power rail shunt module


Kinetix 6000 Shunt Module 5

Mount the Kinetix 6000 Shunt Module

Follow these steps to mount your 2094-BSP2 shunt module.

TIP All modules mount to the power rail by using the same technique, however, the IAM module is shown in this example.

1. Remove the protective boot from the power rail connector.

IMPORTANT The shunt module must be positioned to the right of the IAM and AM modules.

2. Remove the label (applied to back and side of module) covering the pins that mate with the power rail.

ATTENTION To avoid damage to the pins located on the back of the shunt module and to make sure that module pins mate properly with the power rail, hang modules as shown in steps 3 - 5.

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.

3. Hang the mounting bracket from the slot on the power rail.

Publication 2094-IN004E-EN-P — June 2008

PRODUCT	2094-BSP2
FAMILY	Kinetix 6000 shunt module
FUNCTION	Power rail shunt module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Allen-Bradley documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Supported drive families	Kinetix 6000, 6200 and 6500
Drive voltage classes	230 V AC and 460 V AC
Continuous shunt power	200 W
Internal resistance	28.75 ohm
Peak power at 230 V	5.7 kW
Peak power at 460 V	22.5 kW

02 PREPARATION AND CONNECTION

- Confirm the complete 2094-BSP2 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

03

OFFICIAL INSTALLATION REFERENCE

Mount the Kinetix 6000 Shunt Module

Follow these steps to mount your 2094-BSP2 shunt module.

TIP All modules mount to the power rail by using the same technique, however, the IAM module is shown in this example.

1. Remove the protective boot from the power rail connector.

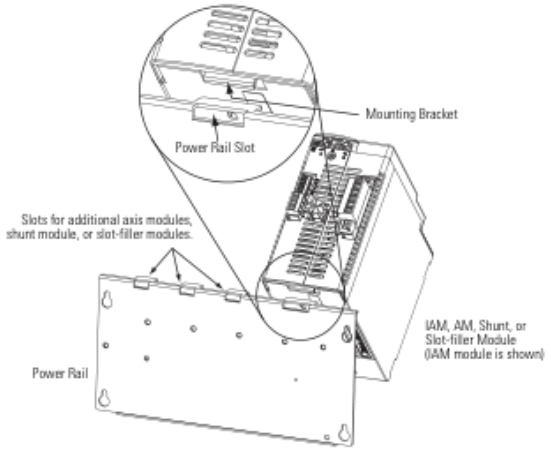
IMPORTANT The shunt module must be positioned to the right of the IAM and AM modules.

2. Remove the label (applied to back and side of module) covering the pins that mate with the power rail.

ATTENTION To avoid damage to the pins located on the back of the shunt module and to make sure that module pins mate properly with the power rail, hang modules as shown in steps 3…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.

3. Hang the mounting bracket from the slot on the power rail.



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04 COMMISSIONING CHECKS

01	Confirm product identity and mechanical seating.
02	Verify the documented supply before energising.
03	Inspect polarity, shielding and protective-earth connections.
04	Restore power in the approved sequence and observe status indications.
05	Test each connected input, output or communication path.
06	Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Rockwell Automation 2094-IN004E-EN-P, Kinetix 6000 Shunt Module Installation Instructions
Product record	2094-BSP2
Manufacturer	Allen-Bradley
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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