

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Triconex 8312

230 VAC Power Module

PRODUCT	8312
MODULE TYPE	230 VAC Power Module
SLOT KEYING	Power Module slot with model-specific voltage key
SOURCE	Tricon v9-v10 Planning and Installation Guide

Prepared by Amikon Limited from the official Triconex planning and installation guide. This quick guide does not replace controlled manufacturer procedures, site safety rules or the complete system manual.

01

CONFIRM THE ORDERED CONFIGURATION

- Confirm the exact module model is 8312.
- Power Module slot with model-specific voltage key
- Record the installed chassis, logical slot, firmware or system revision and termination arrangement.
- Place the controlled process in the site-approved safe condition before work begins.

02

MOUNTING AND CONNECTION

- Connect the 230 VAC line, neutral and protective earth only to the documented Power Module terminals.
- Verify the installed slot key is correct for model 8312 before insertion.
- Use the required terminal covers and do not use the Power Module alarm contacts in hazardous locations.
- Do not use model 8312 where the Tricon system must meet ATEX hazardous-location requirements.

03

SAFETY AND HANDLING

- Use trained personnel and follow the site's lockout, permit and functional-safety procedures.
- Protect the module from electrostatic discharge and avoid touching connector contacts.
- Do not force a module into a slot; verify the mechanical keys before insertion.
- Do not replace modules in a hazardous location unless the area is known to be free of ignitable gas concentrations.

04

COMMISSIONING CHECKS

- Verify PASS, FAIL, ALARM, TEMP and BATT LOW indications.
- Confirm both installed Power Modules share the chassis load under normal operation.
- Test primary-power loss and chassis-alarm reporting according to the site procedure.
- Confirm input voltage, frequency, grounding and cabinet cooling before release.

05

FINAL RELEASE

- Compare the saved configuration and field wiring with the approved drawings.
- Clear only understood faults and record all diagnostic results.
- Return the process to service only after the responsible engineer accepts the functional test.
- Retain the exact model, source manual reference and maintenance record for future replacement.

Do not infer compatibility from appearance or a partial model number.