

FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Triconex 3664

Dual Digital Output Module

PRODUCT	3664
MODULE TYPE	Dual Digital Output Module
SLOT KEYING	I/O slot keys: top 006, bottom 007
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 3664.
- I/O slot keys: top 006, bottom 007
- 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

- Use commoned 24 VDC field wiring within the documented 16-30 VDC range.
- Do not apply more than 36 VDC to the module.
- Confirm that the application is not energize-to-trip; the manual does not recommend 3664 for that use.
- Verify load current, surge current, common return and field power before commissioning.

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 all 32 output-state indicators and PASS, FAULT, ACTIVE and LOAD/FUSE status.
- Functionally test commanded On and Off states with the process in a safe condition.
- Confirm fault-response requirements are compatible with the documented stuck-Off behavior.
- Inspect field power and common-return wiring after the test.

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.