# 8300A

Exact-identity installation and commissioning guide

**PRODUCT SCOPE**

TRICONEX 8300A is the 115 V power supply identified for the legacy low-density Tricon main chassis. It belongs to the lifecycle-controlled hardware generation used in documented installed systems.

## Verified installation basis

| | |
|---|---|
| **Product role** | Legacy Tricon power supply |
| **Chassis family** | Low-density main chassis |
| **Nominal input** | 115 V |
| **Exact designation** | 8300A |
| **Lifecycle introduction** | January 1993 |
| **Lifecycle class** | Legacy lifecycle-controlled product |
| **Excluded family** | Not the high-density 8310 module |

## Verified related ApterPower product pages

TRICONEX 3502E

TRICONEX 3503E

# Pre-work control

Record the installed system before any disconnection

## Required checks

- Record the complete TRICONEX 8300A marking and installed position before work.
- Place the controller and affected process function in the approved safe maintenance state.
- Verify the documented system version, companion hardware and interface assigned to 8300A.
- Isolate the applicable controller and field energy in accordance with the approved procedure.
- Inspect connectors, keys, cable assemblies and mechanical retention before installation.
- Install 8300A only in the recorded location without changing the approved architecture.

**HOLD POINT**

Confirm the complete 8300A identity, installed system record and approved companion hardware before replacement or commissioning.

## Evidence to retain

- Complete product and installed-unit marking.
- Approved project, wiring and cabinet records.
- As-found connector, cable, address and diagnostic state.
- Acceptance plan and final results.

## Verified related ApterPower product pages

TRICONEX 3504E

TRICONEX 3511

TRICONEX 3624

TRICONEX 3664

TRICONEX 3703E

TRICONEX 3704E

# Installation sequence

Use the approved manufacturer procedure and site work controls

### 1 IDENTIFY

Record the complete TRICONEX 8300A marking and installed position before work.

### 2 ISOLATE

Place the controller and affected process function in the approved safe maintenance state.

### 3 RECORD

Verify the documented system version, companion hardware and interface assigned to 8300A.

### 4 VERIFY

Isolate the applicable controller and field energy in accordance with the approved procedure.

### 5 INSTALL

Inspect connectors, keys, cable assemblies and mechanical retention before installation.

### 6 RESTORE

Install 8300A only in the recorded location without changing the approved architecture.

### CONFIGURATION CONTROL

The manufacturer lifecycle record distinguishes 8300A from the high-density 8310 family and assigns it specifically to the low-density main chassis. Its legacy status makes complete label, chassis and source-voltage verification essential. Replacement work must retain the installed power architecture and the cabinet's approved redundancy plan.

## Verified related ApterPower product pages

TRICONEX 4210

TRICONEX 4329

# Commissioning and acceptance

Return each affected function to its approved state

| | |
|---|---|
| **Identity** | Record the complete TRICONEX 8300A marking and installed position before work. |
| **Configuration** | Install 8300A only in the recorded location without changing the approved architecture. |
| **Physical installation** | Restore power under control and confirm the specified indicators, communications and diagnostics. |
| **Functional acceptance** | Document the final identity, configuration and functional acceptance results before release. |
| **Diagnostics** | Confirm that no unexplained product, communication or system diagnostic remains. |
| **Release record** | Document the final configuration, observed states, test results and responsible technician. |

## Verified related ApterPower product pages

- TRICONEX 4119A
- TRICONEX 8312
- TRICONEX 4000188-320
- TRICONEX 4000188-310

# Handover record

Traceable evidence for the installed product

## Final acceptance

- Inspect connectors, keys, cable assemblies and mechanical retention before installation.
- Install 8300A only in the recorded location without changing the approved architecture.
- Restore power under control and confirm the specified indicators, communications and diagnostics.
- Document the final identity, configuration and functional acceptance results before release.

## Manufacturer evidence used

- TRICONEX Planning and Installation Guide for Tricon v9-v11 Systems, document 9720100-012.
- TRICONEX Technical Product Guide, document 9791007-013.
- TRICONEX Field Terminations Guide for Tricon v9-v10 Systems, document 9700052-018.

## Verified related ApterPower product pages

TRICONEX 8311

TRICONEX 4329G

### Talk to Apter Power

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