8300A

Power Supply

EXACT PUBLISHED IDENTITY

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.

Technical snapshot

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
Selection basis	Exact low-density chassis record

Engineering data

Verified exact-model values from official manufacturer evidence

Published characteristics

Identity control	Verify complete label and revision
Power control	Confirm the approved source-voltage record
Redundancy control	Preserve the documented chassis arrangement
Acceptance requirement	Confirm normal supply and alarm indications

EVIDENCE BOUNDARY

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

ENGINEERING CONTROL

For 8300A, the verified dataset records chassis family as Low-density main chassis and nominal input as 115 V. These values must be applied only after the complete installed marking, cabinet record and approved system architecture have been reconciled.

Verified related ApterPower product pages

- TRICONEX 3502E
- TRICONEX 3503E
- TRICONEX 3504E
- TRICONEX 3511
- TRICONEX 3624
- TRICONEX 3664
- TRICONEX 3703E
- TRICONEX 3704E

System role and applications

Documented contexts without configuration inference

INSTALLED TRICON SYSTEMS

Controlled service where the approved system records explicitly identify 8300A.

PLANNED MAINTENANCE

Like-for-like inspection or replacement work that preserves the documented power supply arrangement.

LIFECYCLE-MANAGED SPARES

Exact-identity spare control for operating installations that retain the TRICONEX 8300A designation.

COMMISSIONING VERIFICATION

Functional checks that confirm the recorded interface, configuration and diagnostics after 8300A is installed.

Integration 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.

Technical questions

Complete answers tied to the exact published model

What function does TRICONEX 8300A perform?

TRICONEX 8300A performs the documented role of a power supply within the applicable installed-system architecture.

Which chassis family is specified for 8300A?

The manufacturer specifies the chassis family for 8300A as Low-density main chassis.

How does the manufacturer define the nominal input of 8300A?

The manufacturer specifies the nominal input for 8300A as 115 V.

What exact designation applies to the TRICONEX 8300A?

The manufacturer specifies the exact designation for 8300A as 8300A.

Where does 8300A fit with respect to lifecycle introduction?

The manufacturer specifies the lifecycle introduction for 8300A as January 1993.

Why must the lifecycle class be checked on 8300A?

The manufacturer specifies the lifecycle class for 8300A as Legacy lifecycle-controlled product.

When replacing 8300A, which excluded family must match the record?

The manufacturer specifies the excluded family for 8300A as Not the high-density 8310 module.

What does the manual state about the selection basis for 8300A?

The manufacturer specifies the selection basis for 8300A as Exact low-density chassis record.

Product precautions

Eight controlled checks before return to service

1. Record the complete TRICONEX 8300A marking and installed position before work.
2. Place the controller and affected process function in the approved safe maintenance state.
3. Verify the documented system version, companion hardware and interface assigned to 8300A.
4. Isolate the applicable controller and field energy in accordance with the approved procedure.
5. Inspect connectors, keys, cable assemblies and mechanical retention before installation.
6. Install 8300A only in the recorded location without changing the approved architecture.
7. Restore power under control and confirm the specified indicators, communications and diagnostics.
8. 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 4210
- TRICONEX 4329
- TRICONEX 4119A
- TRICONEX 8312

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