8300A

Power Supply

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

Verified related ApterPower product pages

TRICONEX 3502E

TRICONEX 3503E

Engineering data

Official evidence organized for exact-model review

Product role	Legacy Tricon power supply	**Excluded family**	Not the high-density 8310 module
Chassis family	Low-density main chassis	**Selection basis**	Exact low-density chassis record
Nominal input	115 V	**Identity control**	Verify complete label and revision
Exact designation	8300A	**Power control**	Confirm the approved source-voltage record
Lifecycle introduction	January 1993	**Redundancy control**	Preserve the documented chassis arrangement
Lifecycle class	Legacy lifecycle-controlled product	**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.

Applications and system role

Four distinct documented operating contexts

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.

Verified related ApterPower product pages

TRICONEX 3504E

TRICONEX 3511

Technical questions

Complete model-specific answers from the approved evidence set

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 aligned controls 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.

Verified related ApterPower product pages

- TRICONEX 3624
- TRICONEX 3664
- TRICONEX 3703E
- TRICONEX 3704E

Evidence and support

Manufacturer references, related products and direct contact

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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