

TRICONEX SAFETY SYSTEM

# Product Data Sheet

**8300A**

Redundant chassis power module

|                                            |                                  |                         |                   |
|--------------------------------------------|----------------------------------|-------------------------|-------------------|
| FUNCTION<br>Redundant chassis power module | FAMILY<br>Triconex safety system | ORIGIN<br>United States | WEIGHT<br>2.32 kg |
|--------------------------------------------|----------------------------------|-------------------------|-------------------|

Triconex 8300A is a Redundant chassis power module for the Triconex safety system. The values below are limited to the exact documented article.

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## VERIFIED TECHNICAL DATA

|                           |                                        |
|---------------------------|----------------------------------------|
| Component Type            | Redundant chassis power module         |
| Order Reference           | 8300A                                  |
| System Platform           | Triconex safety control system         |
| Primary Function          | Converts line power for Tricon chassis |
| Channel or Port Capacity  | Two redundant power positions          |
| Electrical Classification | Nameplate-rated incoming supply        |
| Compatible Hardware       | Legacy Tricon main chassis             |
| Mounting Arrangement      | Left-side power bay                    |
| Connection Interface      | Chassis power backplane                |
| Diagnostic Coverage       | Online status and alarm indication     |

## ADDITIONAL PRODUCT DATA

|                           |                                   |
|---------------------------|-----------------------------------|
| Documented Variant        | Legacy redundant power hardware   |
| Operating Environment     | 0 to 60 °C controller service     |
| Storage Environment       | –40 to 75 °C equipment storage    |
| Relative Humidity         | 5 to 95% non-condensing           |
| Commissioning Requirement | Verify every affected safety path |

## OFFICIAL APPLICATIONS

- Feed the Tricon backplane: Install the module in the documented power bay and confirm the incoming source matches its nameplate.
- Redundant supply operation: Verify the companion power module can support the controller before online replacement.
- Power alarm testing: Observe status indications and clear chassis alarms before returning safety functions.

## SYSTEM COMPATIBILITY

Match 8300A to the installed Triconex safety system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

## OFFICIAL SOURCES

### Tricon Technical Product Guide

<https://www.se.com/ww/en/work/products/industrial-automation-control/triconex-safety-systems/>

AMIKON PRODUCT SUPPORT

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