3636R

Relay Output Module

EXACT PUBLISHED IDENTITY

TRICONEX 3636R is a 32-point, normally open relay-output module for non-critical Tricon circuits. The module is non-triplicated and provides galvanically isolated, non-commoned contacts.

Technical snapshot

Product role	Non-triplicated relay output module
Output contacts	32, non-commoned
Contact state	Normally open
Isolation	Galvanically isolated
Maximum voltage	155 VAC/VDC
Maximum load current	2 A
Hot-spare support	Supported
External termination	Separate ETP and cable required

Engineering data

Verified exact-model values from official manufacturer evidence

Published characteristics

Standard panel	9668-110
Basic panel	9651-110
Typical use	Non-critical points such as annunciator interfaces
LED behavior	Only the primary module asserts point LEDs

EVIDENCE BOUNDARY

Confirm the complete 3636R identity, installed system record and approved companion hardware before replacement or commissioning.

ENGINEERING CONTROL

For 3636R, the verified dataset records output contacts as 32, non-commoned and contact state as Normally open. 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 3636R.

PLANNED MAINTENANCE

Like-for-like inspection or replacement work that preserves the documented relay output module arrangement.

LIFECYCLE-MANAGED SPARES

Exact-identity spare control for operating installations that retain the TRICONEX 3636R designation.

COMMISSIONING VERIFICATION

Functional checks that confirm the recorded interface, configuration and diagnostics after 3636R is installed.

Integration control

The manufacturer describes the module for non-critical points such as annunciator interfaces and requires a separate external termination panel and cable. Contact voltage, current and reactive-load derating must be checked against the approved circuit. A hot-spare arrangement is supported, but only the primary module asserts point LEDs.

Technical questions

Complete answers tied to the exact published model

What function does TRICONEX 3636R perform?

TRICONEX 3636R performs the documented role of a relay output module within the applicable installed-system architecture.

Which output contacts is specified for 3636R?

The manufacturer specifies the output contacts for 3636R as 32, non-commoned.

How does the manufacturer define the contact state of 3636R?

The manufacturer specifies the contact state for 3636R as Normally open.

What isolation applies to the TRICONEX 3636R?

The manufacturer specifies the isolation for 3636R as Galvanically isolated.

Where does 3636R fit with respect to maximum voltage?

The manufacturer specifies the maximum voltage for 3636R as 155 VAC/VDC.

Why must the maximum load current be checked on 3636R?

The manufacturer specifies the maximum load current for 3636R as 2 A.

When replacing 3636R, which hot-spare support must match the record?

The manufacturer specifies the hot-spare support for 3636R as Supported.

What does the manual state about the external termination for 3636R?

The manufacturer specifies the external termination for 3636R as Separate ETP and cable required.

Product precautions

Eight controlled checks before return to service

1. Record the complete TRICONEX 3636R 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 3636R.
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 3636R 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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