# 3636R

Relay Output Module

**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

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|---|---|
| **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 |

## Verified related ApterPower product pages

TRICONEX 3502E

TRICONEX 3503E

# Engineering data

Official evidence organized for exact-model review

| | | | |
|---|---|---|---|
| **Product role** | Non-triplicated relay output module | **Hot-spare support** | Supported |
| **Output contacts** | 32, non-commoned | **External termination** | Separate ETP and cable required |
| **Contact state** | Normally open | **Standard panel** | 9668-110 |
| **Isolation** | Galvanically isolated | **Basic panel** | 9651-110 |
| **Maximum voltage** | 155 VAC/VDC | **Typical use** | Non-critical points such as annunciator interfaces |
| **Maximum load current** | 2 A | **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.

# Applications and system role

Four distinct documented operating contexts

### 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.

## Verified related ApterPower product pages

TRICONEX 3504E

TRICONEX 3511

# Technical questions

Complete model-specific answers from the approved evidence set

### 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 aligned controls 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.

## 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

### Talk to Apter Power

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