

Triconex 3636R Manual

Brand	Triconex
Product Series	Triconex
Product Type	Non-triplicated

Description

Relay Output Module

The model 3636R Relay Output (RO)

Module is a non-triplicated module for use on non-critical points which are not compatible with "high-side" solid-state output switches. An example is interfacing with annunciator panels. The relay output module receives output signals from the main processors on each of three channels. The three sets of signals are then voted, and the voted data is used to drive the 32 individual relays.

Each output has a loopback circuit which verifies the operation of each relay switch independently of the presence of a load, while ongoing diagnostics test the operational status of the module. Failure of any diagnostic activates the Fault indicator, which in turn activates the chassis alarm.

The relay output module comes with normally open (NO) contacts. It supports hot-spare modules and requires a separate external termination panel (ETP) with a cable interface to the Tricon backplane.

Model Number 3636R

Type Non-triplicated

Points 32, non-commoned

Voltage Range 155 VAC/VDC,
maximum

Current Load 2A, maximum

Switching Power,

Resistive

2000 V A, 150 watts

maximum

Point Isolation 1500 VDC

2500 VDC1

1. For 3636T.

Fuses 1 per output (2.5A
fast-acting)

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Diagnostic Indicators

Output Status

Module Status

1 per point

PASS, FAULT,

ACTIVE

Output Contact Normally Open

Color Code Silver Blue

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