

# Triconex 9668-110

## 16-Point Relay Output Termination Panel

|                         |                                         |
|-------------------------|-----------------------------------------|
| Manufacturer            | Triconex                                |
| Model / order number    | 9668-110                                |
| Product identification  | 16-Point Relay Output Termination Panel |
| System / family context | Tricon Systems                          |

### Verified scope

The original field-termination guide identifies 9668-110 as a 16-point non-commoned panel for 3636R and 3636T. Two panels serve one 32-point relay module.

### Engineering checks before replacement

- Confirm the exact panel and mating relay-module cable.
- Apply labels 1-16 or 17-32 to match the assigned half.
- Trace separate power and load terminal pairs for every point.
- Check the specified 2.5 A fast-acting field fuses.

### Original manufacturer source reference

Field Terminations Guide for Tricon v9-v10 Systems, 9700052-018, February 2009. Original PDF pages 144, 145, 146.

### Open manufacturer document (hosted copy)

This cover is an independent Sales PLC reference, not a manufacturer-issued datasheet. The following manufacturer pages retain their original text, layout and page numbering.

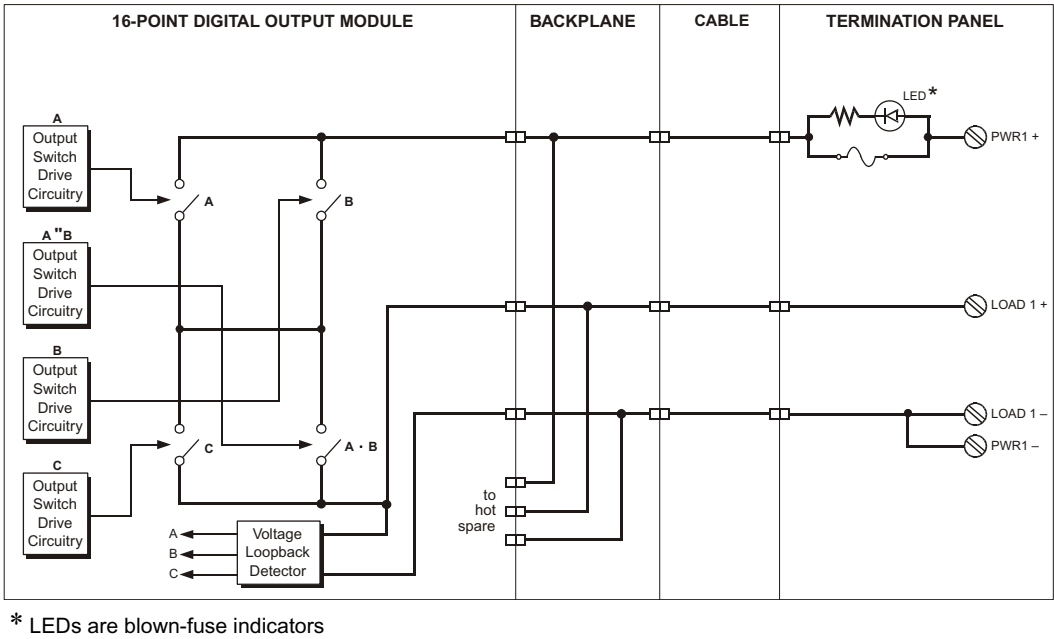
**Request model verification or a quotation**

**info@amikon.cn | +86 18020776786**

**www.salesplcauto.com**

Simplified Schematics

This is a simplified schematic of a typical 16-point non-commoned digital output module with a non-commoned digital output panel (1 of 16 points shown).



\* LEDs are blown-fuse indicators

Figure 101 Simplified Schematic of a 3607E DO Module with a Non-Commoned DO Panel

9668-110 (non-commoned relay output, 16 pts.)

Termination panel 9668-110 is a non-commoned relay output panel and has:

- 16 LOAD+ and LOAD- terminals
- 16 PWR+ and PWR- terminals
- 16 fuses

The modules compatible with 9668-110 have 32-points, which means that you must use two term panels for each relay output module. Each term panel comes with two sets of labels: 1-16 and 17-32. For information on how to apply the labels, see [Appendix F, Panel Labels](#).

Specifications

This table describes specifications for 9668-110.

Table 87 Specifications for Term Panel 9668-110

| Feature    | Description               |
|------------|---------------------------|
| Panel type | Non-commoned relay output |
| Points     | 16                        |

## Compatible Modules

This table describes relay output modules compatible with 9668-110.

**Table 88 Modules Compatible with 9668-110**

| Module Part Number | Points per Module | Module Description                                          | Fuse       |
|--------------------|-------------------|-------------------------------------------------------------|------------|
| 3636R              | 32                | Non-commoned, simplex, normally open, galvanically-isolated | 2.5A, fast |
| 3636T              | 32                | Non-commoned, simplex, normally open, galvanically-isolated | 2.5A, fast |

## Field Wiring Diagrams

This figure illustrates how to connect a 32-point relay output module and a 9668-110 to the field (1 of 32 points shown).

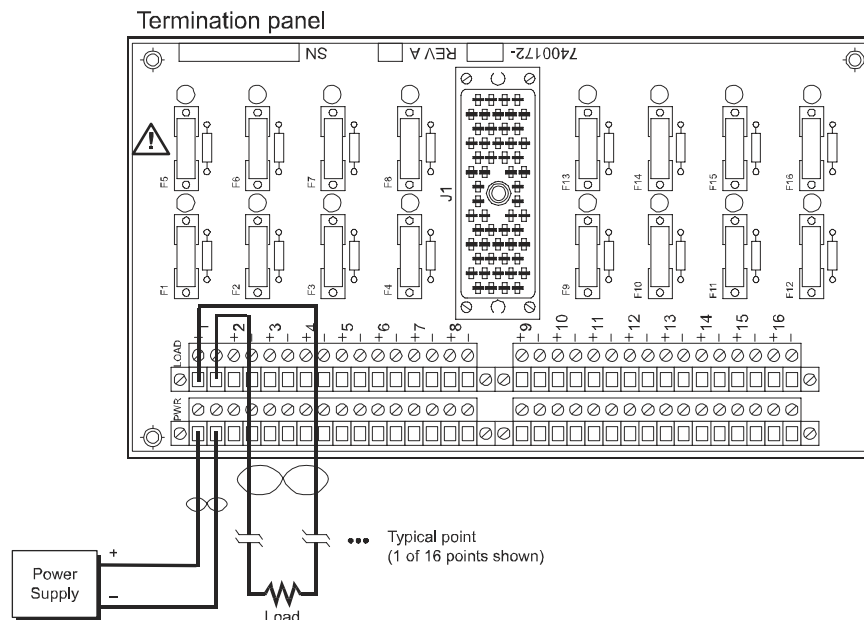


**Figure 102** Field Wiring for 9668-110 with a 3636R or 3636T Relay Output Module

## Simplified Schematics

This is a simplified schematic of a typical 32-point non-commoned relay output module with a non-commoned relay output panel (1 of 32 points shown).

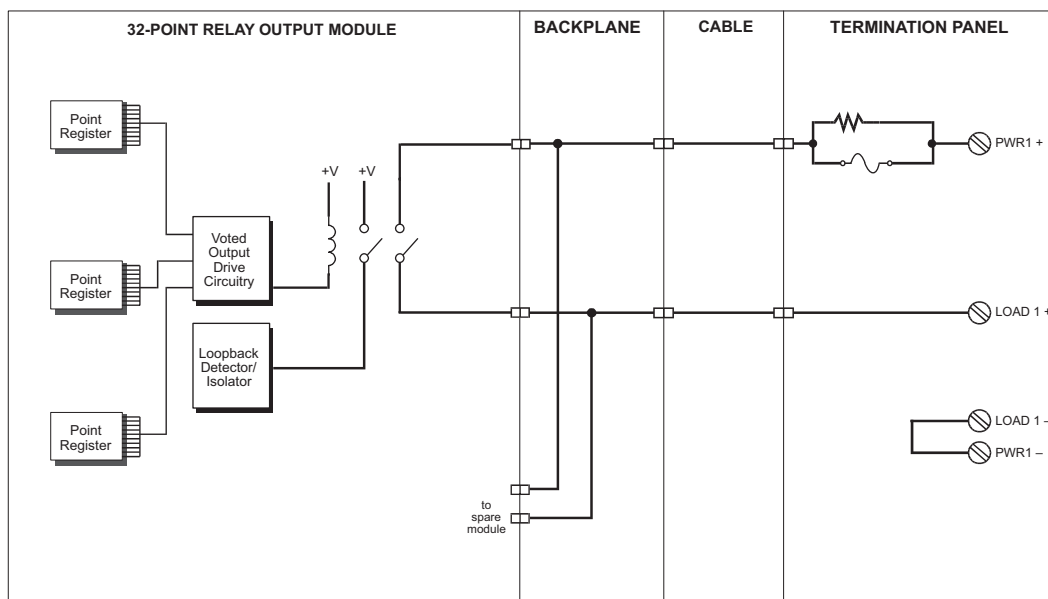


**Figure 103** Simplified Schematic of a 3636R or 3636T Relay Output Module with a Non-Commoned Relay Output Panel