

1 Amp DPDT Relay Interface

P/N: 995085

INSTALLATION NOTES

Introduction

The 1 Amp Double-pole, double throw Relay interface provides low voltage relay outputs offering a general purpose interface in applications such as warning devices (strobes, etc.), air-conditioning, process control and access control including door locks. A single relay is provided with connections for two independent sets of contacts.

The relays can be switched by any Open collector Auxiliary output capable of switching a minimum of 20mA.

Ensure that the current required by the Relay Board is within the limits of the Module, Power Supply or other Device that is used to power the Relay Board.

Specifications

Input Voltage: 11V to 14V DC
Current Consumption: 15mA per relay. (Input 13.8V DC)
Contact Rating.
Max. switched current: 1 Amp @ 24V DC (Resistive load)
Physical dimensions: Length: 48mm Width: 38mm
Depth: 20mm including adhesive strips.
Installation environment: 0° to 40° Celsius
15% to 85% Relative humidity (non-condensing)

Designed & manufactured in Australia

Due to ongoing development, this manual is subject to change without notice.

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Double-Pole Relay Board Kit

- Relay PCB sub-assy with self adhesive strips.
- Installation notes.

Installation

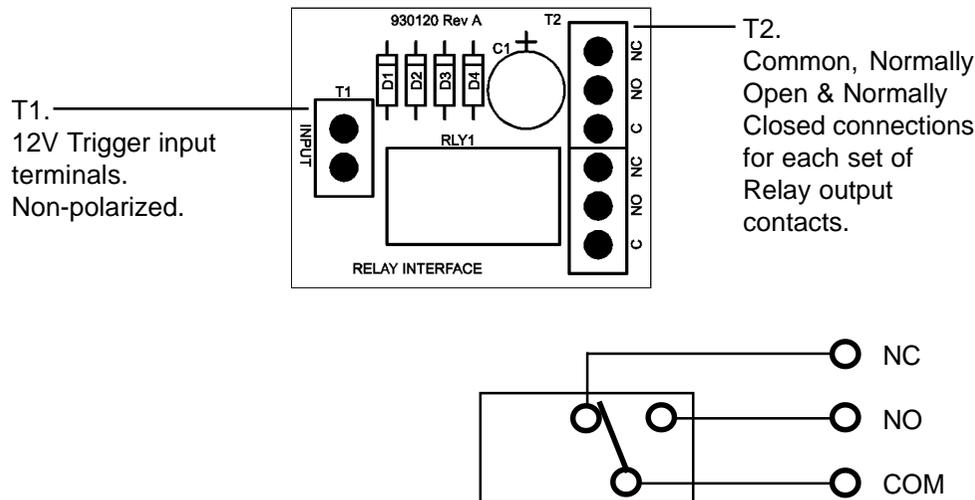
-The Relay Interface can be mounted in a convenient location using the self adhesive strips attached.

- Connect one of the T1 terminals to “DET+” on a Model 3000/Access 4000 Module or the +12V output of a separate 12V Power Supply. (The T1 connections are not polarity conscious)
- Connect the other T1 terminal to the required Auxiliary Output on a Model 3000/Access 4000 Module.

Note that this Relay interface has a special input circuit that also allows T1 to be connected directly to a Model 3000 / Access 4000 Siren output.

NOTES:

- 1) If a separate Power Supply is used to power the Relay Interface ensure that a common Negative connection is provided between the Power Supply and the Module used to control the relay.
- 2) Ensure that any Relay boards plus other devices powered from the Module or separate Power Supply do not exceed the maximum auxiliary current allowed.



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