

DS7488 Octal Relay Module Installation Instructions

1.0 Description

The DS7488 is an Octal Relay Module that provides 8 form "C" relay outputs for addition to the DS7400 Series Control/Communicators. It connects to the DS7400(Xi) via the options bus. The outputs are fully programmable and can be activated by several system events. Each output operates individually of the other 7 outputs for complete flexibility.

NOTE: Requires DS7400, X, Xi, Xi Rev. 3. The control ROM version must be 1.03 or higher.

- Current Draw: 10mA +40mA for each energized relay.
- Contacts: Rated 5.0A @ 28VDC (maximum for resistive loads).

2.0 Installation

The DS7488 should be mounted within the DS7400(Xi) Enclosure. Install the DS7400(Xi) Enclosure as described in its Reference Guide.

- Disconnect power from the DS7400(Xi) before installing the DS7488. This can be done by unplugging the transformer and removing the red battery lead.
- Mount the DS7488 in the enclosure using the supplied screws (2) and mounting clips (2) (see figure A).

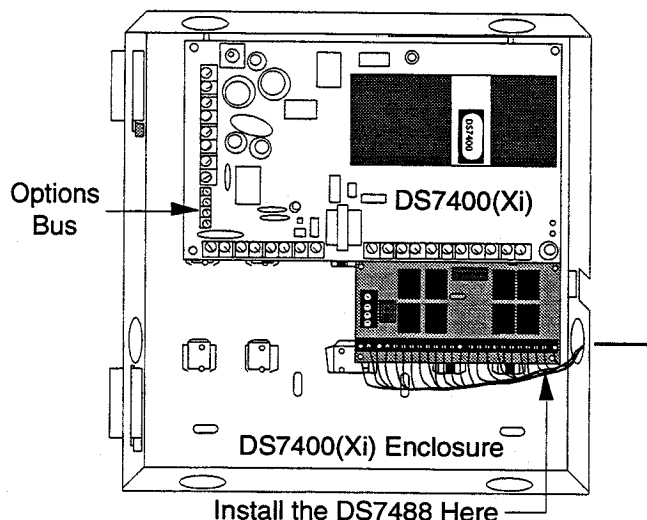


Figure A - Installing the DS7488

Non-Inherently Power Limited wiring must be routed through a knock-out and tied to prevent movement.

3.0 Wiring

To wire the contacts, see figure B.

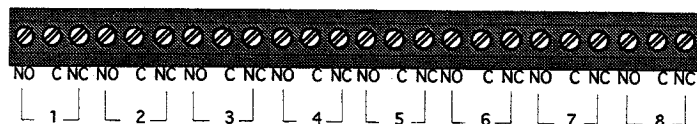


Figure B

The DS7488 is wired to the options bus (see figure C) of the DS7400(Xi).

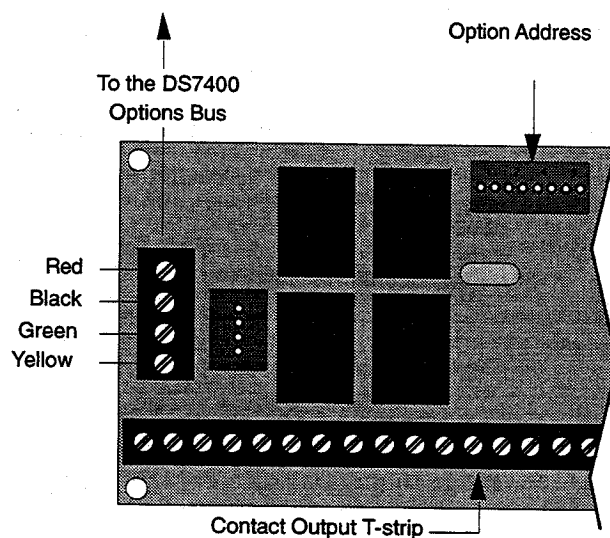


Figure C

4.0 Selecting the Option Address

The DS7488 must be selected as an option address 1-15. Use the Option Address Pins to select an option address with the jumper plugs provided (see figure D).

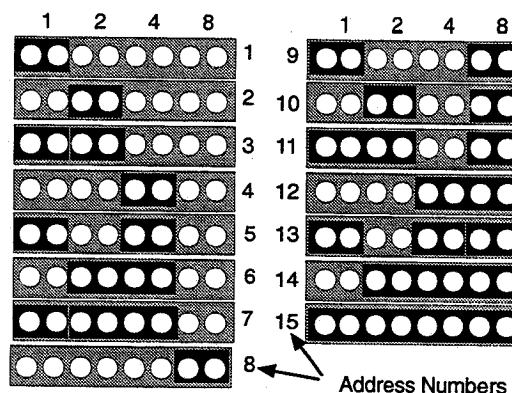


Figure D

Note: Each optional device connected to the options bus must have a different address.

Note: When installing the DS7488 on a DS7400Xi Rev. 3, using any address between 11-15 will not allow the use of keypads with the same address. Addresses 1-10 will not affect keypad operations.

5.0 Programming the DS7488

The DS7488 must be programmed through the DS7400 Series Control/Communicators. See your DS7400(Xi) Reference Guide for output programming information.

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