



■ Features

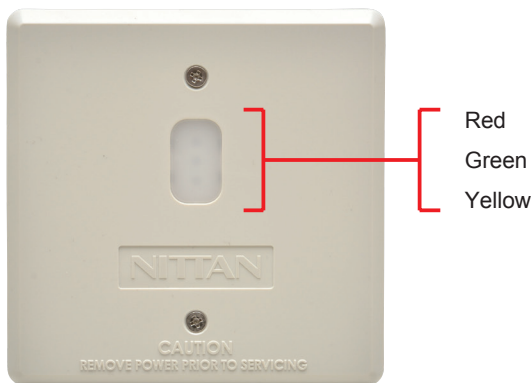
- Two Form-C relay contacts
- Switching capacity 4.8A@250VAC each
- SCI function
- Status indicator LED
- Address settable from 001 to 254 by a dedicated programmer
- Single loop address
- Low standby current (0.6mA)
- SEMS screws for easy wiring
- Mounts to optional 4-inch square electrical box

■ Description

EVA-DOP-AC240V-SCI Dual Output Module with Short Circuit Isolator is an addressable dual output module that provides two dry contacts. The contact rating is 4.8 A at 250 VAC. The status of each dry contact is controlled by a control panel.

Indicator

This module has three colored LED to indicate the status of Output, Polling and SCI.



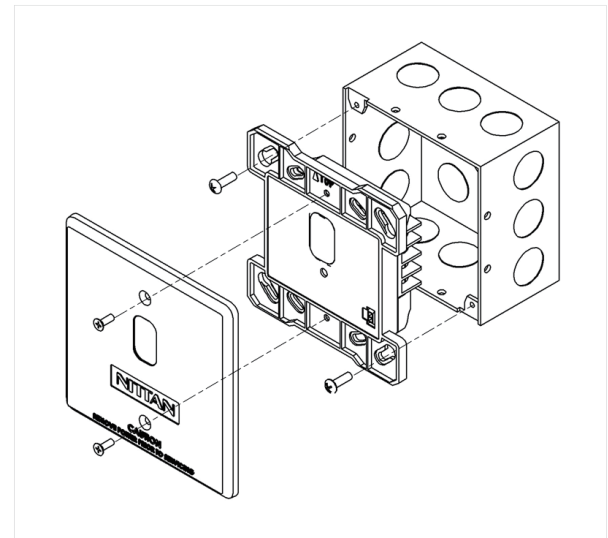
Output : Red
Polling : Green
SCI : Yellow

SCI Function

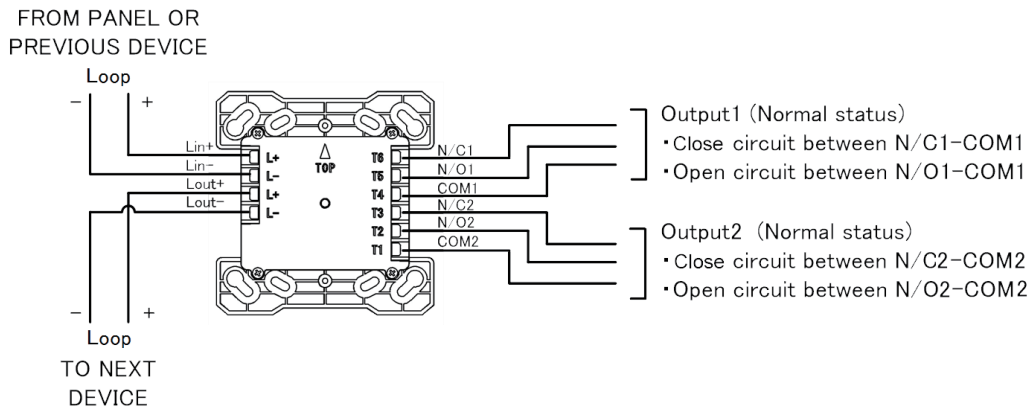
The module has a built-in short circuit isolator. SCI circuit prevents entire loop failure in the event of a short between L+ and L- on the loop.

Mounting

The module can be mounted directly to optional 4-inch square electrical box. The box must have a minimum depth of 2 1/8 inches.



■ Wiring



Relay Module contains two isolated sets of Form-C contacts, which operate as a DPDT switch. The module allows the control panel to switch these contacts on command. No supervision is provided for the relay contacts.

■ Specifications

| Specifications | EVA-DOP-AC240V-SCI |
|----------------------------------|--|
| SLC Applied Voltage | Rated Range 20 to 38 VDC |
| SLC Current Consumption | Standby 0.6 mA Activated 3.3 mA (max) |
| SLC Line Impedance | Up to 50 Ω |
| Relay (Programmable) | Switching Capacity 4.8 A@ 250 VAC (max) |
| SCI On Resistance | 0.2 Ω (max) |
| SCI Fault Detection Threshold | 10 V (min) |
| SCI Isolation Current | 22 mA (max) |
| Visual Indicator (Status LED) | Polling LED (GREEN) Output LED (RED) SCI LED (YELLOW) |
| Ambient Installation Temperature | 0 °C to 49 °C (32 °F to 120 °F) |
| Storage Temperature | -20 °C to 60 °C (-4 °F to 140 °F) |
| Max Relative Humidity | Up to 93 % RH, non-condensing |
| Environment | Indoor dry use only |
| Max quantity per loop | 127 units |
| Terminal | Screw AWG12 to 22 |
| Address Setting | EVA-AD2 Address Programmer |
| Dimensions | H 124 mm x W 124 mm x D 34.5 mm (4.882" H x 4.882" W x 1.358" D) (Mount to a 4" square by 2 1/8" deep box) |
| Weight | Approximately 172 g |
| Conformity | UL864 |

Distributed By

All specifications are subject to change without any notice.
For more information, contact with NITTAN.

NITTAN

Nittan Europe Ltd, Hipley Street
Old Woking, Surrey, GU22 9LQ UK
TEL: +44 1483 769555 FAX: +44 1483 756686