



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 LED
Polling : Green LED
SCI : Yellow LED

Features

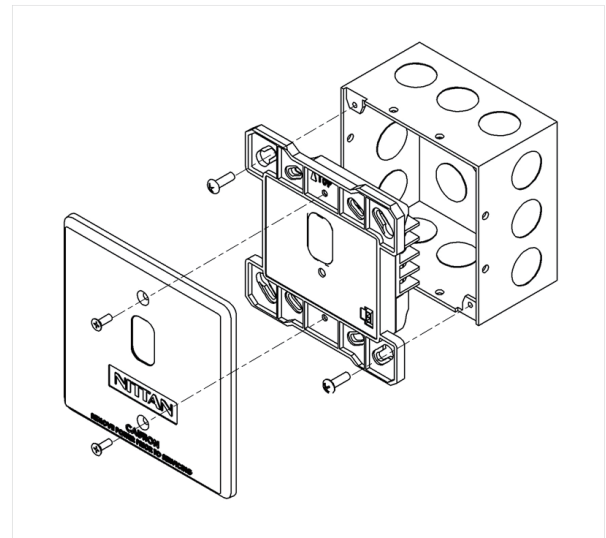
- Designed to meet a wide range of applications
- Two dry contacts rated for 4.8A@250VAC each
- SCI function
- SEMS screws for easy wiring
- Status indicator LED
- Analog communications using Nittan EV protocol
- Address settable from 001 to 254 by a dedicated programmer
- Low standby current
- Mounts to optional 4-inch square electrical box

SCI Function

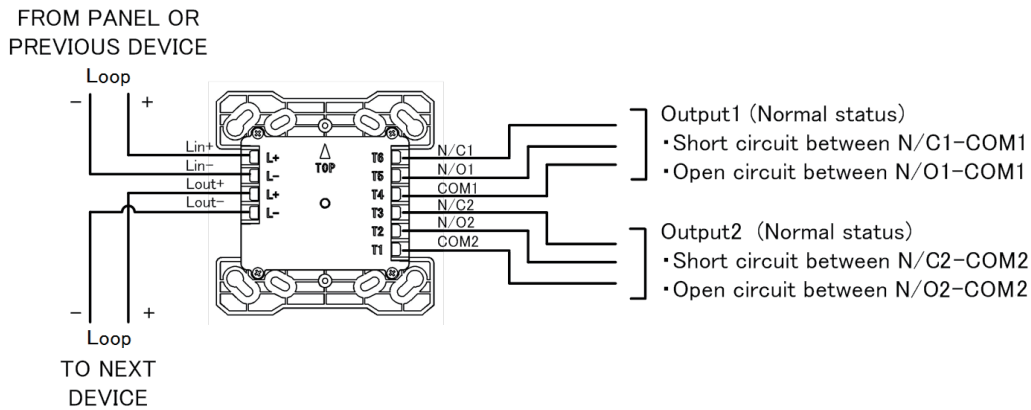
The module has a built-in short circuit isolator. SCI circuit prevents entire loop failure in the event of a short between L+ and L- on the loop.

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 , 1.24 mi (2 km)
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

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

NITTAN

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