



### Description

EVA-DIP-SCI Dual Input Module with SCI is intended for use in addressable two wire systems. The module monitors and transmits the status (normal, open, short, or alarm) of devices equipped with NC/NO dry contacts to control panel. The module provides two external inputs and can be used for Class A (Style D & E) and Class B (Style B & C) operation.

### Indicator

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



Input : Red LED  
 Polling : Green LED  
 SCI : Yellow LED

### Features

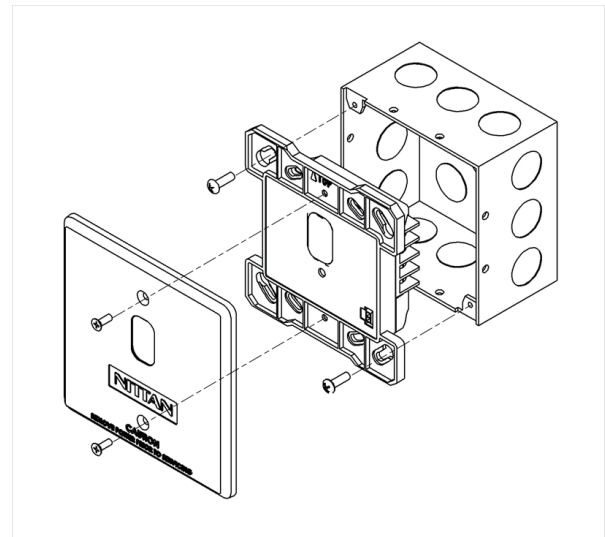
- Designed to meet a wide range of applications
- SCI function
- SEMS screws for easy wiring
- Status indicator LED
- Analog communications
- Address settable from 001 to 254 by a dedicated programmer
- Low standby current
- Mounts to 4-inch square junction box

### SCI Function

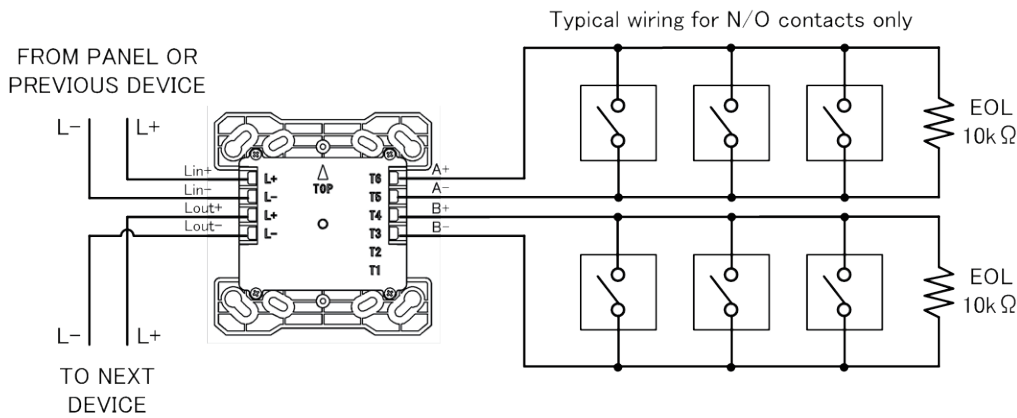
The module has a built-in short circuit isolator. SCI circuit prevents entire loop failure in the event of a short between L+ and L- on the loop.

### Mounting

The module can be mounted directly to 4-inch square electrical box. The box must have a minimum depth of 2 7/8 inches.



## ■ Wiring



**Subtype No.1 : Typical wiring for devices equipped with normal open contacts**

Wiring differs depending on Subtype setting of the module. Refer to the table below for detail of each Subtype setting. Two 10 kΩ resistors are supplied with the module.

## ■ Subtype Setting

Sub-Type	Input Method	Open-Circuit Detection	Short-Circuit Detection	Class (Style)	Interrupt
1	Normally Open	Yes	No	Class B (Style B)	Disabled
2					Enabled
3				Class A (Style D)	Disabled
4					Enabled
5	Normally Close	No	Yes	Class B (Style C)	Disabled
6					Enabled
7	Normally Open	Yes	Yes	Class B (Style C)	Disabled
8					Enabled
9				Class A (Style E)	Disabled
10	Enabled				

The operation mode of the module can be switched by setting sub-type as above. The sub-type can be set through control panel programming.

## ■ Specifications

Specifications	EVA-DIP-SCI
Operating Voltage	±Loop 20 VDC to 38 VDC
Quiescent Current	±Loop < 0.46 mA ( < 3 mA (Priority and N.C))
Alarm Current	±Loop < 25 mA
End-of-Line Resistance	10 kΩ (ClassB only)
Number of Circuits	2 x Class B or 1 x Class A
SCI Voltage Detection	±Loop < 10 V

Distributed By

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

**NITTAN**

54-5, 1-chome, Sasazuka,  
Shibuya-ku, Tokyo151-8535, Japan  
TEL:81-3-5333-7021 FAX:81-3-5333-8615