

## EV-DIN-SCI Installation instructions

1. The EV-DIN-SCI is a Short Circuit Isolator for use with all Nittan Evolution Protocol Analogue Addressable Loop Devices on the Nittan evo+5000/Advanced MxPro5 and Evolution 1 Panels only.
2. The device is intended to be mounted on a "DIN" rail inside a suitable enclosure to provide ingress protection and electrical safety. Cable connections are made via terminals at each end of the device.
3. The device can be used as an inline Loop Isolator, as shown in Figure 1 below.

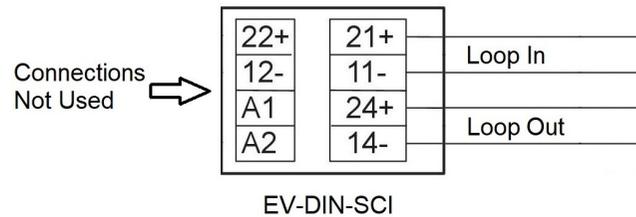


Figure 1

4. The device can also be used to spur addressable device(s) from the Loop as shown in Figure 2. However, a short circuit on the spur will be applied to the main Loop, so the next Loop device in each direction shall include an SCI, such as EV-MCP2-SCI Call Point with Isolator as an example.

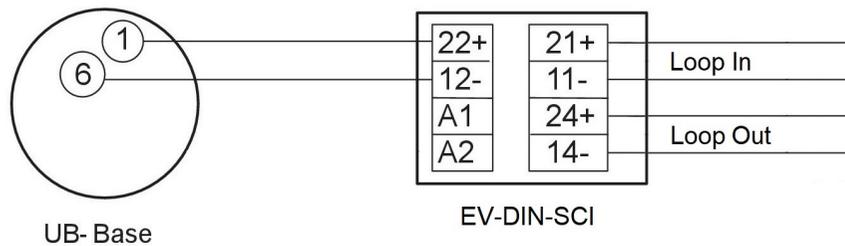


Figure 2

5. Figure 2 below shows an alternative connection for Spurring addressable device(s) from the main Loop. With this option, the Loop continuity will be maintained in the event of a short on the Spur.

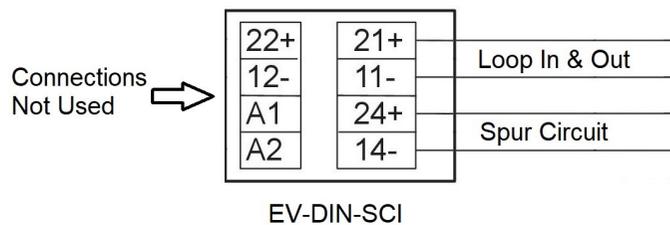


Figure 3

## Precaution Notes

Before installation, please read these "Installation Instructions" carefully and keep for future reference.

Installation shall be in accordance with the current edition of the IET Wiring regulations and BS 5839 Part 1, Fire Detection and Alarm Systems for Buildings: Code of Practice for System Design, Installation and Servicing, or equivalent local codes of practice. For a routine inspection, ensure the base is secure and undamaged.

For reliable operation, please be sure to observe the following:

### NOTE

The EV-DIN-SCI is designed for use with Nittan Evolution Analogue Addressable Loop devices on the Nittan evo+5000/Advanced MxPro5 and Evolution 1 Panels only.

EV-DIN-SCI can be used to spur addressable device(s) from the Loop. However, in certain configurations, short circuit on the spur will be applied to the main Loop, so the next Loop device in each direction shall include an SCI.



### CAUTION

To avoid poor contact, do Not connect different gauge cables in one terminal.

Do not install the product in any location where oil, dust, iron powder, chemicals, or hydrogen sulphide may be present, as this may affect the product operation or cause damage to equipment.



EN 54-17: 2005 / AC: 2007 Short Circuit Isolators

For use with Nittan Evolution Devices Only.  
Loop Voltage: 22 to 38 V d.c.

Technical Data Sheet: TD-EV-DIN-SCI

**NITTAN**

Nittan Europe Ltd. Tel: +44 (0) 1483 769 555  
Hiple Street, Fax: +44 (0) 1483 756 686  
Old Woking, Email: [sales@nittan.co.uk](mailto:sales@nittan.co.uk)  
Surrey, GU22 9LQ Web: [www.nittan.co.uk](http://www.nittan.co.uk)  
United Kingdom