G009803

Short Circuit Isolator
Salwico NMI-SCI
Part no. 5200315-00A

System: Salwico Cargo, Salwico Cruise, Salwico LNG, Salwico Offshore, Salwico Ro/Pax, Salwico Workboat, Salwico Yacht, Salwico Navy, OEM Extinguish

General Description

NMI SCI is a short circuit isolator for mounting on 35 mm DIN-rail. Developed to provide short circuit protection of loop cable and devices, specifically in cases when detectors detour from loop path.

The unit is designed for use in dry and clean spaces. NMI SCI can only be used on addressable loops.

Short Circuit Isolator function is fully transparent and does not require any settings.

Features and benefits

- Small size

- DIN-Rail mounting (acc. to EN50022)

- Easy termination access

- Quick and safe Short Circuit Isolation

Data

Operating voltage	22 VDC to 38 VDC
Quiescent current	60 µA
Current when short circuited	13 mA
Ingress protection	Dependant on enclosure
Operating temperature	-40°C to +70°C
Relative Humidity	RH 95%
Material	PC/ABS
Weight	60 g

Minimum sw open voltage (Vso min)	9 VDC
Maximum sw open voltage (Vso max)	11 VDC
Minimum sw close voltage (Vsc min)	10 VDC
Maximum sw close voltage (Vsc max)	12 VDC
Maximum line current (Ic max)	800 mA
Maximum switching current (Is max)	1500 mA
Maximum leakage current (Il max)	13 mA
Maximum switch resistance (Zc max)	120 mOhm

Approvals	EN54-17: 2005 / AC: 2007

2531/yy
(yy = Year of Production)
Pending: ABS, LRS, DNV, BV, GL, USCG, KR, CCS

Indicator

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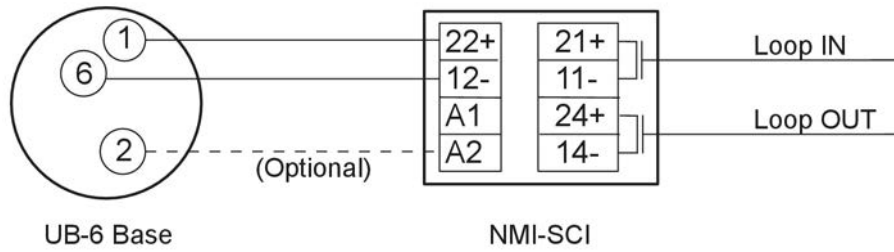* Short circuit indication LED

Consilium

Dimensions (mm)

Detector   NMI SCI   SUPPLY: 19-38 VDC
1+   22   AMB. TEMP: -40°C to +70°C
6-   12
2(-)   A2

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Connection

UB-6 Base   NMI-SCI

22+   21+   Loop IN
12-   11-
A1   24+   Loop OUT
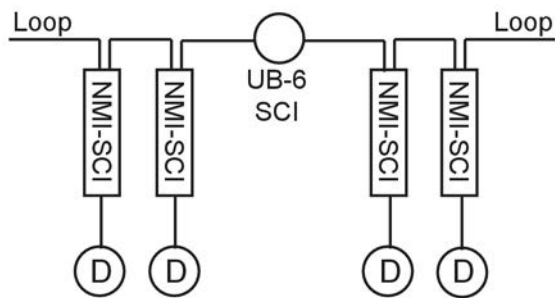A2   14-
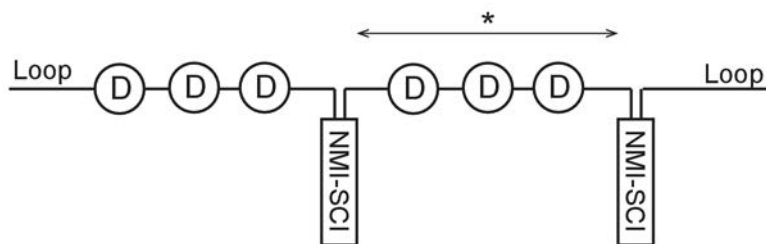
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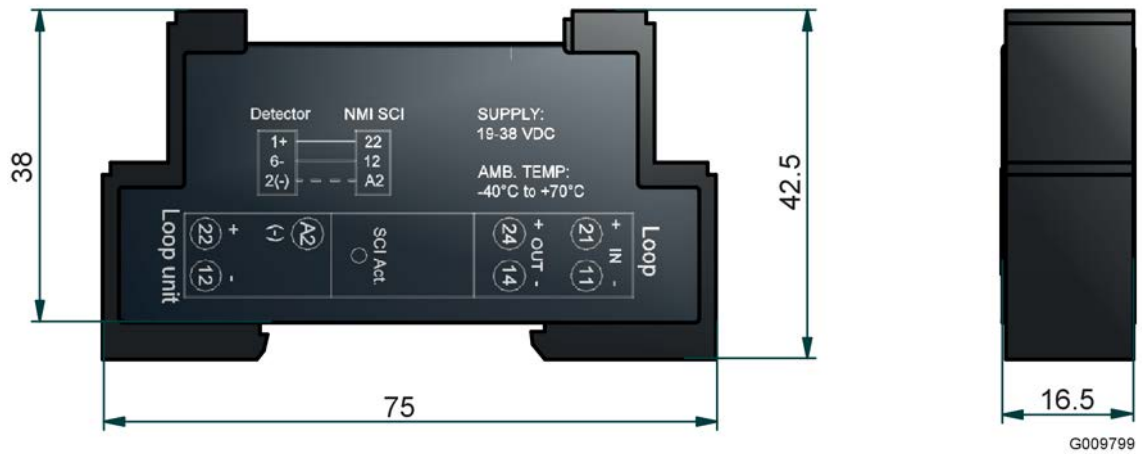
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Typical use

Example 1

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D = Detector head

Example 2

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* = Max 32 detector heads between two NMI-SCI

The specifications described herein are subject to change without notice.   Data sheet no. 5200315-00A_Salwico NMI-SCI_M_EN_2015_F