



DIN Rail Mounting Short Circuit Isolator **EV-DIN-SCI**

Part no. F03-83620

General Description

EV-DIN-SCI is a DIN Rail Mountable Short Circuit Isolator for Evolution analogue addressable systems.

The device is made for use in dry and clean areas. However, it can be mounted within a protective enclosure for harsh environments.

The cable connections are made via terminals at each end of the device.

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

Features and benefits

- DIN Rail Mount (Acc. to EN50022)
- Easy Termination access
- Quick and safe Short Circuit Isolation

Approvals

Test Standards	EN54-17: 2005 / AC: 2007
CPR Certificate	0359-CPR-00239
DoP Number	00239-NMI

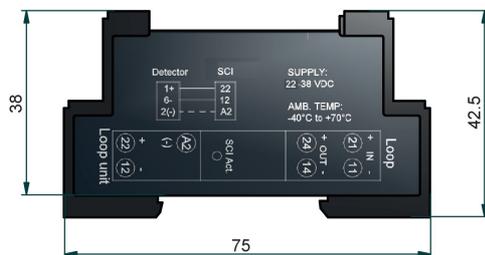
All wiring must conform to the current edition of IEE Wiring regulations and BS5839 Part 1

Data

Operating voltage	22 VDC to 38 VDC
Quiescent current	60 μ A
Current when short circuited	13 mA
Ingress protection	IP20
Operating temperature	-10°C to +55°C
Relative humidity	RH 95%
Cable terminals	Max 2.5 mm ²
Material	PC/ABS
Weight	60 g
Minimum sw open voltage (V _{so min})	9 VDC
Maximum sw open voltage (V _{so max})	11 VDC
Minimum sw close voltage (V _{sc min})	10 VDC
Maximum sw close voltage (V _{sc max})	12 VDC
Maximum line current (I _{c max})	800 mA
Maximum switching current (I _{s max})	1500 mA
Maximum leakage current (I _{l max})	13 mA Maximum
switch resistance (Z _{c max})	120 m Ω

All loop Cable Screens shall be connected together, but must be Isolated from Ground. Cable Screens shall be connected to Earth Ground within the Control Panel ONLY.

Dimensions (mm)



Short Circuit Indicating LED

Connections

