© Illumino Ignis Ltd. 2026. All Rights Reserved

Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

Detector Base with Short Circuit Isolator

Addressable - Devices

Part No. EV-B-SCI

www.illuminoignis.co.uk

Product Details

EV-B-SCI is a low profile detector base for all types of Evolution analogue addressable detectors.

The base plate is made for use in dry and clean spaces.

The cable entry is from the center or from the side of the base.

EV-B-SCI is developed to provide Short Circuit Protection in the detector base.

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



Key Features

- Low profile
- Quick and safe Short Circuit Isolation

Technical Specifications

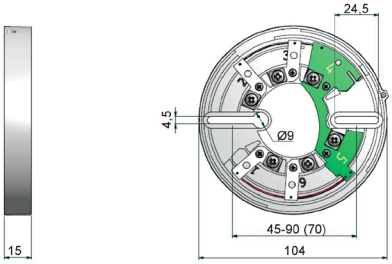
Operating voltage	22 VDC to 38 VDC
Quiescent current	60 µA
Current when short circuited	13 mA
Ingress protection	IP22
Operating temperature	-10°C to +55°C
Relative humidity	RH 95%
Cable terminals	Max 2.5 mm2
Materia	PC/ABS
Weight	70 g

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 mΩ

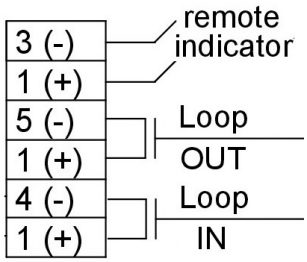
All wiring must conform to the current edition of IEE Wiring regulations and BS5839 Part 1.

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)



Connections



The specifications described herein are subject to change without notice

0203 00 44 855
sales@illuminoignis.co.uk
illuminoignis.co.uk

Illumino Ignis Ltd, Ignis House,
Imperial Way, Eagle Business Park,
Yaxley, Cambridgeshire, PE7 3GP