

Short-Circuit Isolator Base

YBO-R/SCI



Features

- ▶ Detects short circuits on loop
- ▶ Status LED
- ▶ Connection of up to 127 per loop
- ▶ Supports ESP devices
- ▶ Quick connection via square cable clamps
- ▶ Available as a DIN Rail Module
- ▶ Available in RED for use with CHQ-WS2 Wall Sounder & CHQ-WSB Wall Sounder Beacon
- ▶ Approved by LPCB & VdS

Description

Model YBO-R/SCI is a Loop Isolator, which is fully compatible with Hochiki's ESP analogue addressable protocol.

The YBO-R/SCI Base is compatible with any of the ESP Sensors, and can be used instead of the standard YBN-R/3 Base, this reduces the cost of the Short Circuit Isolators and improves the functionality. The Base incorporates an amber LED to show when it is isolating a section of the loop, and if used under every analogue Sensor on the loop, none would be lost if a single short circuit was to occur.

The YBO-R/SCI does not use an address, and has the same wiring configuration as the YBN-R/3 Sensor Base making it very simple to install. The YBO-R/SCI can also be used without a Sensor; a cover can be fitted to conceal the wiring connections (see below). The device is also available as a DIN Rail mountable unit.

Specification	
Ordering Codes	YBO-R/SCI, YBO-R/SCI(RED), YBO-R/SCI(WHT) S/I-BC (Base Cover)
Operating Voltage	17 – 41 VDC
Quiescent Current (typ)	50 μ A
Current In Short Circuit	<10 mA
Maximum Short Circuit Current	1 A
Operating Temperature Range	-10 °C to + 50 °C
Storage Temperature Range	-30 °C to + 60 °C
Maximum Humidity	95% RH - Non Condensing (at 40 °C)
Colour / Case Material	Ivory, White or Red / ABS
Maximum Number of Isolators per Loop	127
Weight (g) / Dimensions (mm)	85 / 100 (diameter) / H13
Fixing Centres (mm)	48 ~ 74
Approvals	LPCB VdS (G204048)