

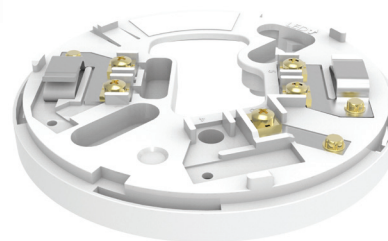


YBN-R/3(SCI)/SIL

Short-Circuit Isolator Base

Features

- ▶ SIL Level 2 approved
- ▶ Ideal for use in oil and gas environments
- ▶ Features integral SCI
- ▶ Easy to fit
- ▶ Slim profile
- ▶ Matches standard base colours



Description

Model YBN-R/3(SCI)/SIL is a sensor mounting base featuring an integral short-circuit isolator which will detect and isolate short-circuits on the loop. When a short-circuit is detected during power up the unit will drop the power to the rest of the loop.

The YBN-R/3(SCI)/SIL is compatible with the ESP range of sensors and does not require a loop address. A remote fire LED facility is provided when a sensor is attached to the base.

NOTE: A fitted sensor will still be powered when this device is isolating.

| Specification | |
|--|------------------------------------|
| Operating Voltage | 17 - 41 VDC (24 VDC nominal) |
| Standby current | 60 μ A |
| Current drawn by isolator during fault condition | < 4 mA |
| Maximum current consumption from remote LED | 10 mA (limited by attached sensor) |
| Maximum continuous current | 1 A |
| Maximum quantity per loop | 127*1 |
| Ambient temperature range | -10 °C to +50 °C |
| Relative humidity | 10% to 95% RH (at 40°C) |
| Colour and case material | White ABS |
| Fixing centres | 48 mm through to 74 mm |
| Maximum wire thickness | 2.5 mm ² /terminal |
| Dimensions (mm) | 100 (diameter) x 13.7 (height) |
| Weight (g) | 79 |

*1 Check with Fire alarm control panel manufacturer for maximum loop quantities

See AP0127 for short-circuit isolator specifications

Ordering Codes

Product

Short-Circuit Isolator Base

Part Number

YBN-R/3(SCI)/SIL



For further information visit www.hochikieurope.com/silapproved

Hochiki Europe (UK) Ltd. reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki Europe (UK) Ltd. to be a complete and up-to-date description.