



Short Circuit Isolator Base (YBN-R/3)

Model YBN-R/3(SCI) 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) 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.

FEATURES

- Features integral SCI
- Easy to fit
- Slim profile
- Matches standard base colours
- SIL Level 2 approved variants available

SPECIFICATION

Protocol	ESP
Operating Voltage	17 - 41 Vdc (24 Vdc nominal)
Standby Current	60 uA
Current Drawn by Isolator During Fault	< 4 mA
Max Current Consumption from Remote LED	10 mA (limited by attached sensor)
Max cont. current	1 A
Max quant. per loop	127 *1
Ambient Temp Range	-10 to +50 C
Relative Humidity	10% to 95% RH (at 40 C)
Colour/Case Material	Ivory/White ABS
Fixing Centres	48 through to 74 mm
Max Wire Thickness	2.5 mm ² / terminal
Dimensions	100 (diam.) x 13.7 (h) mm
Weight	79 g
Product Codes	Ivory: YBN-R/3(SCI) White: YBN-R/3(WHT)-SCI