



MARINE APPROVED: SHORT CIRCUIT ISOLATOR BASE (YBN-R/3(SCI)M)

Model YBN-R/3(SCI)M 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)M 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

SPECIFICATION

Protocol	ESP
Operating Voltage	17 - 41 Vdc (24 Vdc nominal)
Standby Current	60 uA
Current drawn by isolator during fault condition	< 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 or White ABS
Fixing centres	48 mm through to 74 mm
Max wire thickness	2.5 mm ² / terminal
Weight	79 g