

2303 INTRINSICALLY SAFE DETECTOR BASE (NO DIODE)

APPLICATIONS

The 2303 Intrinsically Safe Detector Base is for use in hazardous areas. The base is compatible with our intrinsically safe range of smoke and heat detection devices.

Note :

Contrary to latest British Standard requirements, should a detector be removed from the base, devices in circuit after the removed head will no longer function.



FEATURES

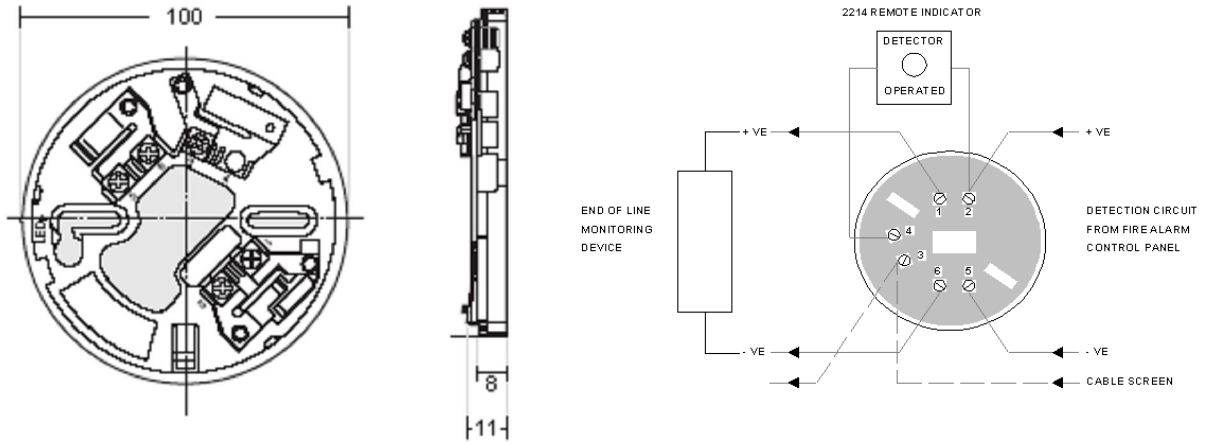
- Low Profile Design – only 8mm
- Robust Construction
- Dedicated cable screen terminal
- Electronics Free Base
- Remote LED Connection
- Quick connections via square cable clamps
- Accepts 1 to 2.5mm² cables
- Bayonet slot, low insertion force for detectors

OPERATION

The 2303 Intrinsically Safe Detector Base (No Diode) provides compatibility with all detector heads within this range. It has a mounting pitch ranging from 48mm to 74mm, allowing for easy installation on a whole variety of back boxes. It is supplied with square cable clamps for secure and reliable cable termination but the base does not provide line continuity during detector removal, therefore if Call Points are being used then these should be wired onto the zone first. The integrated third terminal provides remote indicator output. The fixing holes allow it to be easily mounted to any kind of outlet box.

The base is predominantly suitable for extensions or upgrades to existing systems installed prior to 1990, and / or those which do not have the benefit of the Detector Head “fault on removal” design feature. Please seek further advice if required.

APPROVALS : Tested and approved to EN54 Part 5 & 7 by the Loss Prevention Council



SPECIFICATION

Order Code	2303
Operating Voltage	9.5 – 30v nominally 24v DC
Alarm Current	Nil
Operating Temperature	-10 ⁰ C to +50 ⁰ C
Material	ABS
Colour	Ivory White
Weight	51g
Dimensions	100 Diameter x 11 Depth
Max Wire Thickness	2.5mm ²
Fixing Centres	48 – 74
Maximum Humidity	95% RH – Non Condensing (at 40 ⁰ C)