Product data sheet



ZP7-RB1-P RECESS MNT. BASE PW

General

The ZP7-RB1-P detector base is a standard, POLAR WHITE, recess mounted fire detector base for ZP7 series addressable detectors. It allows these detectors to be semi- recessed into ceiling tiles when installed into buildings with suspended ceilings. The detector's low profile is further reduced without any increased difficulty in wiring termination.

Semi recessed fixing

For ease of installation, the base moulding passes through a clearance hole in the ceiling tile where it is clamped between a retaining flange on the underside of the base moulding and a threaded collar tightened down from above. Tile sections of up to 25 mm can be accommodated.

Common to all the detectors in the ZP7 range, the ZP7-RB1-P allows removal and replacement of detectors without disconnection of wiring from terminals. Detectors plug into the base with a simple twist and lock action, allowing quick and easy removal for cleaning and servicing, or reselection of device type should the usage of the protected area change.

Robust wiring terminals

All ZP7 bases feature robust wiring terminals with captive clamping washers to ensure secure wiring termination. Terminals are provided inside the moulding for loop connections and the termination of cable screening. Provision is also made for the connection of a remote LED when required.

Automatic locking option and labelling

In order to prevent unauthorised removal of a detector from its base, an automatic locking breakout is incorporated into all ZP/ base mouldings. If the breakout is removed, detectors can only be released from their bases by use of a special removal tool. The locking facility is an easily applied option often implemented at the system commissioning stage.

Matching spaces for address labels are provided on detector and base mouldings, ensuring that when removed, detectors are replaced in the correct location. The address number facility also enables detectors to be easily identified when viewed from floor level.



Details

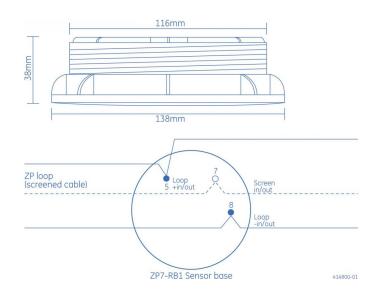
- Enhances detector low profile
- Common to all ZP7 series detectors
- · Automatic locking option
- Address identification label
- Ease of installation

ZP7-RB1-P recess mnt. base pw

Technical specifications

Electrical	
Operating voltage	16 to 22 VDC
Physical	
Physical dimensions	138 x 38 mm (Ø x H)
Net weight	110 g
Colour	White
Material	Moulded ABS
Terminals	Loop +ve in/out
Environmental	
Relative humidity	20 to 95% noncondensing
Environment	Indoor
IP rating	IP42 (EN60529 rating)
Model No	
	ZP7-RB1-P
Specification	
	EN54 (with detector)
Description	
	Addressable detector base, recessed mounting
Compatibility	
	All ZP addressable systems
Mounting	
	Recessed
Wiring	
	2 core loop or spur
Monitoring	
	Open and short circuit fault, detector removal and device type
Terminals	
	Loop +ve in/out
	Loop -ve in/out
	Cable screen continuity
	REM LED +ve
	REM LED -ve
Operating voltage	
	16-22 VDC
Application	
	Indoor installation
EN60529 rating	
	IP42
Temperature range	
	-10°C to +75°C

Humidity range	
	20% to 95% RH (non condensing)
EMC	
	CE marked (EEC89/336)
Material	
	Moulded ABS
Dimensions	
	138mm (Dia) x 38mm (H)
Colour	
	White
Weight	
	110g



As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

