

DATASHEET

755PFM4

240V a.c. Mains Power Photoelectric Flush Mount Smoke Alarm with 9VDC Battery Backup, Gen4

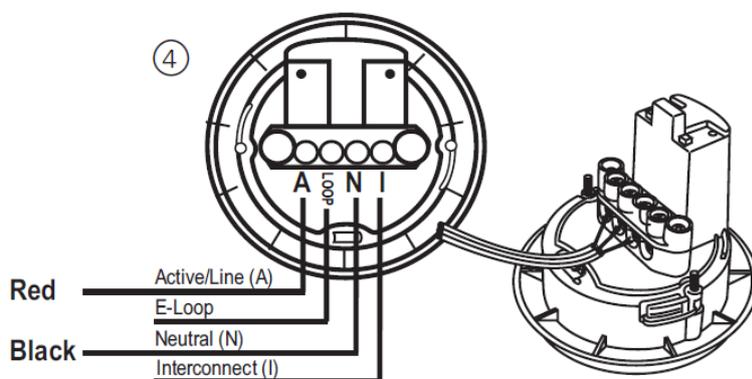
Application

The 755PFM4 smoke alarm is a photoelectric flush mount smoke alarm that can be used as a single mains powered, battery backed alarm or can be interconnected with other 755 series smoke alarms to give whole home protection. The Stylish design is extremely low profile and unobtrusive, suiting modern home designs, complimenting LED lighting (being the same diameter as an LED downlight). The design caters for fast installs with 90mm cut out, extra large terminals and adequate wiring space. It is also simple to maintain with a push in /pull out smoke alarm head unit making cleaning or changing batteries easy and fast. The robust digital design means increased resilience and optimum performance.

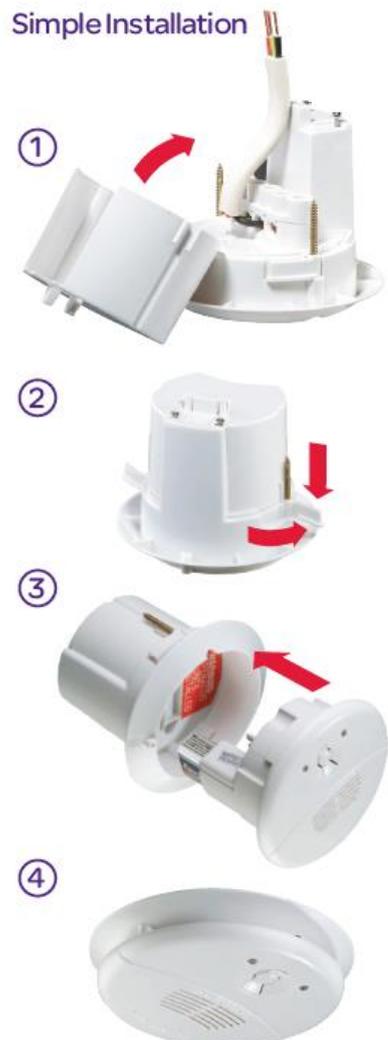
Features

- Photoelectric technology for detection of smoldering fire types (most common fire types in homes)
- Mains powered with quality 9VDC backup battery included
- Wired interconnect feature (up to 40 alarms)
- Easy to use test/hush button
- Quality optical chamber with insect screen protection
- Easy installation and maintenance with push-in/pull-out design
- Extra-large wiring terminals for up to 3x2.5mm² cables.
- Compatible with 755FM or 755PFM mounting bases.
- New digital design for optimum performance and resilience
- Certified to AS3786:2014

WIRING



Simple Installation



Specifications

Main Power Source:	220-240 V, 50 Hz
Secondary Power Source:	9VDC Battery Backup (supplied with GP GN1604A Alkaline battery)
Operating Current:	≤40 mA
Standby Current:	< 13uA (@9V DC)
Battery Life:	12 months
Sensing Type:	Photoelectric. This alarm contains NO radioactive material
Insect Screen:	0.6mm diameter hex stainless steel mesh mitigates insect ingress into sensing chamber.
Operating Temperature:	0 °C to 45 °C
Ambient Humidity:	5% to 95%
Interconnecting:	40 alarms over 150 metres maximum
Mounting:	Ceiling Only
Terminal Provisions:	Active, Neutral, Loop and Interconnect terminals, each accommodates 3 × 2.5 mm ² , min cable size: 1mm ²
Horn Level:	85 dB at three metres minimum
Low Battery Warning	Beeps every 40s when battery level is low and needs to be replaced.
No disturb function:	Will silence the low battery warning beep for 10 hours. Operated by pressing the Test/Hush button is pressed for 3 seconds.
Test Mode	Alarm sounds when test/hush button is pressed for 3 seconds.
Hush Mode	While unit is alarming, if the test/hush button is pressed for 3 seconds the alarm will be hushed, mode (alarm will be in a dormant state for 10 mins) . The RED LED will flash every 8s while in hush mode.
Visual Indicators:	Green LED for mains power ON Red LED for warning and low battery indication
Approvals:	Activfire SAI Global RCM
Complies with:	AS3786:2014 and AS/NZS 60065:2012, AS/NZS 60950.1

Ordering Details

Model Number	Description
755PFM4	240V a.c. Mains Power Photoelectric Flush Mount Smoke Alarm with 9VDC Battery Backup, Gen4

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