

SURFACE MOUNT

CLIPSAL[®]
every room, every home

FIRE  **TEK**[®]
Surface Mount Smoke Detectors

755SMA
Ionisation Smoke Detector

755PSMA
Photoelectric Smoke Detector



Product and installation overview

- smooth, contemporary design, unobtrusive lines and reliable mains powered operation
- overall diameter has been minimised
- Hush button provided to silence unwanted alarms
- built-in test facility to ensure unit is functioning correctly
- large Hush/Test button for easy operation (e.g. with broom handle)
- red and green LED indicators clearly display unit status from all angles
- interconnect facility allows multiple units to be connected together. When one unit detects smoke, all units will sound alarm
- detector module has a push fit onto the surface mounted base with shrouded quick-fit terminals which automatically provide power to the detector module
- interlock mechanism prevents detector module from being secured to base without a battery fitted, ensuring backup power supply is present
- access and replacement of battery is simple and safe, and can be performed by unskilled person without risk of electric shock
- terminal cover allows clear access to terminals while holding unit with one hand
- provided with standard cable entry for single TPS cable, as well as break-outs for multiple power and interconnect cables - can connect to surface trunking
- large in-line terminals and cable-entry breakouts on terminal cover provide easier fit-off of up to two 2.5mm² cables per terminal
- unit is protected from nuisance tripping via insect barrier mesh and a fully enclosed base that prevents dust from ceiling cavity entering detector module.



“Reliable, stylish and mains powered for ultimate safety.”



MODEL	TYPE	TYPICAL APPLICATIONS
755PSMA	Photoelectric	<ul style="list-style-type: none"> • Lounge • Living areas • Bedrooms • Rumpus
755SMA	Ionisation	<ul style="list-style-type: none"> • Hallway • Corridor • Study • Home office

Features and Benefits:

- contemporary styling and smooth lines will blend in with any decor
- mains powered, 220-240V a.c. 50Hz 35mA
- 9V d.c. battery backup (included)
- quick fit-off/easy installation
- ultra reliable operation
- loud alarm indication: 85dB at 3 metres
- interconnectable up to 40 units
- low battery indication (audible and visual)
- Hush button to silence unwanted alarms
- built in test facility to check unit function
- unit cannot be operated without 9V battery fitted
- dust cover to prevent contamination during installation
- complies with Australian Standard AS3786, Smoke Alarms
- SSL/ActivFire listed
- quality endorsed Certified Product, SAI Global
- 5 year limited warranty.



Contemporary styling, and smooth lines, reduced diameter and a protrusion height of only 43mm allow the detector to blend in with the ceiling.



A combined single Test/Hush button on the detector allows the home owner or installer to test the operation of the alarm. The same push-button can be used to silence the alarm in case of an unwanted activation. Silencing lasts for approximately 10 minutes.

Product Specifications

Technical Specifications		
Catalogue Number	755PSMA	755SMA
Primary Power Supply	220-240V a.c. 50Hz	
Secondary Power Supply	9V d.c. Alkaline Battery Backup	
Operating Current	35mA	
Detector Type	Photoelectric Chamber	Ionisation Chamber
	Unit contains no radioactive material	Americurium 241, <1kBq (1 microcurie)
Horn Level	85dB at 3 metres minimum	
Visual Indicators	Green LED for mains power ON	
	Red LED for warning and low battery indication	
Low Battery Alarm	Yes Audible and Visual Alert	
Hush Mode	Yes Silences unwanted alarms, 10 minutes	
Interconnect Facility	Yes 40 Alarms over 150 metres maximum	
Overall Dimensions	Ø135 x 48mm	
Fixing Point Sizes	50.8mm, 84mm 100mm	
Conduit Entries	20mm x 10mm conduit	
Terminal Provisions	4 x Ø4.0mm Screw Terminals Active, Neutral, Earth/Loop and Interconnect	
Cable Range	1.0mm ² to 2.5mm ² , with up to 2 conductors per terminal - allows daisy chaining	
Approvals	Listed by ActivFire	
Complies With	AS3786, AS/NZS3100	
Certificate of Suitability	CS/1245/S	



Patent Pending
Australian Electrical Authority Certificate of Suitability CS/1245/S

Installation



Remove protective plastic cover from power terminals on base.



Connect power to in-line terminals on base.



Interconnect other units as necessary.



Attach base to ceiling with screws.



Attach the Alarm unit to the hinge on the ceiling mounted base.



Push the Alarm closed with the base. There is an easy release push-button that allows access to the battery when necessary.

Product of Clipsal Australia Pty Ltd

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