

AC MAINS DETECTORS

The range of self-contained AC mains-powered detectors is designed to comply with BS5446 pt 1:1990 and is suitable for installation to code of Practice BS5839 part 6.

TSMID240/B MAINS/BATTERY IONISATION SMOKE DETECTOR

This top of the range mains smoke detector features a slide out compartment, which houses a standby, 9-volt battery. The battery can be replaced without having to

remove the detector. The integrity of the unit is maintained by a special security feature, which prevents the closure of the battery compartment when empty.

TSMID240 MAINS IONISATION SMOKE DETECTOR

This detector is suitable for wiring directly to any convenient AC supply circuit using a simple, plug-in connection located on the back of the detector. An easy to use locking mechanism is used to secure the

detector head to the mounting base. Once in place, tamper resistant feature prevents any unauthorised attempts at removal.

TSMSK240 – SURFACE MOUNTING BASE

Used with both mains smoke detector versions, this mounting base features a terminal block for connection to the surface-run mains cable.

TSMPD240/B MAINS/BATTERY OPTICAL SMOKE DETECTOR

The TSMPD240/B is mains powered, with internal battery back up. The photoelectric detection chamber provides fast response to slow smouldering fires, whilst being less prone to nuisance alarms.

TSMHD240 MAINS HEAT DETECTOR

The TSMHD240 is a mains powered heat detector suitable for applications within BS5839 pt 6, complementing Tann Synchronome's 240V AC smoke units.

DETECTOR INTEGRATION

All of the above detectors can be interlinked via a 3-core cable, maximum of 12, to provide a common ringing throughout the risk.

TSMDB240 RELAY BASE

A special base which provides change over contacts for signalling to other systems. Order separately.

SPECIFICATION

PART NO.	TSMID240/ B	TSMID2 40	TSMPD240/ B	TSMHD2 40
Sensor Type	Ionisation	Ionisation	Optical	Heat
Operating Voltage	230 +/-10% V AC (with 9V zinc carbon battery back-up)	230 +/-10% V AC	230 +/- 10% V AC (with 9V zinc carbon battery back-up)	230 +/-10% V AC
Full Function test switch	yes	yes	yes	yes
Off (alarm)	yes	yes	yes	yes
On (quiescent)	yes	yes	yes	yes
Sounder output	85dB at 3 metres	85dB at 3 metres	85dB at 3 metres	85dB at 3 metres
Automatic reset	yes	yes	yes	yes
Low battery warning signal	yes	-	yes	-
Interconnectable	yes	yes	yes	yes
Tamper proof option	yes	yes	yes	yes
Wax sealed electronic circuits	yes	yes	yes	yes
Operating temperature range	4-38C	4-38C	4-38C	4-38C
Humidity range	10% - 90% RH	10%-90% RH	10%-90% RH	10%-90% RH

ORDER CODES

TSMID240/B	Mains/battery ionisation smoke detector
TSMID240	Mains ionisation smoke detector
TSMASK240	Surface mounting kit
TSMDB240	Relay base for use with above detectors
TSMPD240/B	Mains/battery optical smoke detector
TSMHD240	Heat detector

These products are supplied from an ISO9000 Quality Assured Source

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