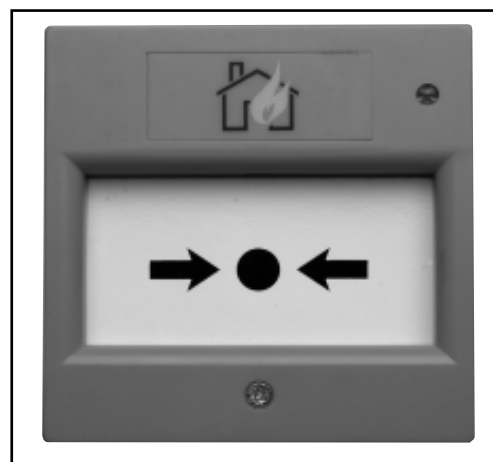


ECO2001 INTELLIGENT SELF-ADDRESSING CALLPOINT

FEATURES

- Intelligent Callpoint
- Detector addressing automatically allocated by the ECO2000 Fire Control Panel
- Auto addressing system, making commissioning simpler and faster
- Can be connected to the same 2 wire circuit as sounders, reducing wiring and installation costs
- Automatic Zoning
- Integral short circuit isolator
- Integral Alarm LED
- Suitable for flush mounting or surface mounting
- Compatible with standard single gang boxes
- Wide operating temperature range
- Conforms to prEN54-11 (1999)



DESCRIPTION

The ECO2001 callpoint belongs to the ECO2000 family of intelligent devices. Using the latest in design development and digital technology, ECO2000 provides a highly cost effective system that extends the benefits of intelligent detection to smaller and less complex installations.

The ECO2001 callpoint provides a manual activation point for residents/occupiers of the building to raise an alarm condition in the event of encountering a fire. The ECO2001 may be flush mounted to compatible electrical boxes. However, it is advised that the terminal tray (ETT-P - not included) is used to effectively terminate field wiring to the callpoint. The ETT-P may be used with most standard recessed electrical boxes, or the SR3T surface mount box (sold separately) for surface mount installations.

There is no requirement for addressing the ECO2001 callpoint once it has been connected to the loop circuit. When incorporated on to an ECO2000 system the address for the ECO2001 callpoint is automatically allocated when the system is powered. This facility therefore reduces the time required to commission the system, as there is no requirement to individually address each device. The ECO2001 callpoint can also be connected to the same loop circuit as loop powered sounders, which reduces installation and wiring costs.

Automatic zoning on an ECO2000 system is easily achieved by simply adding a resistor in the last device within each particular zone.

Each ECO2001 callpoint contains an integral short circuit isolator, allowing the system to remain fully operational in the event of a single short circuit.

The ECO2001 callpoint incorporates a red LED indicator, which is used for visible alarm indication. This LED can be pulsed in normal operation to indicate the presence of the callpoint. There is also a special address-flashing mode, which allows the callpoint's address to be read by observation.

All System Sensor products are covered by our extended 3 year warranty.

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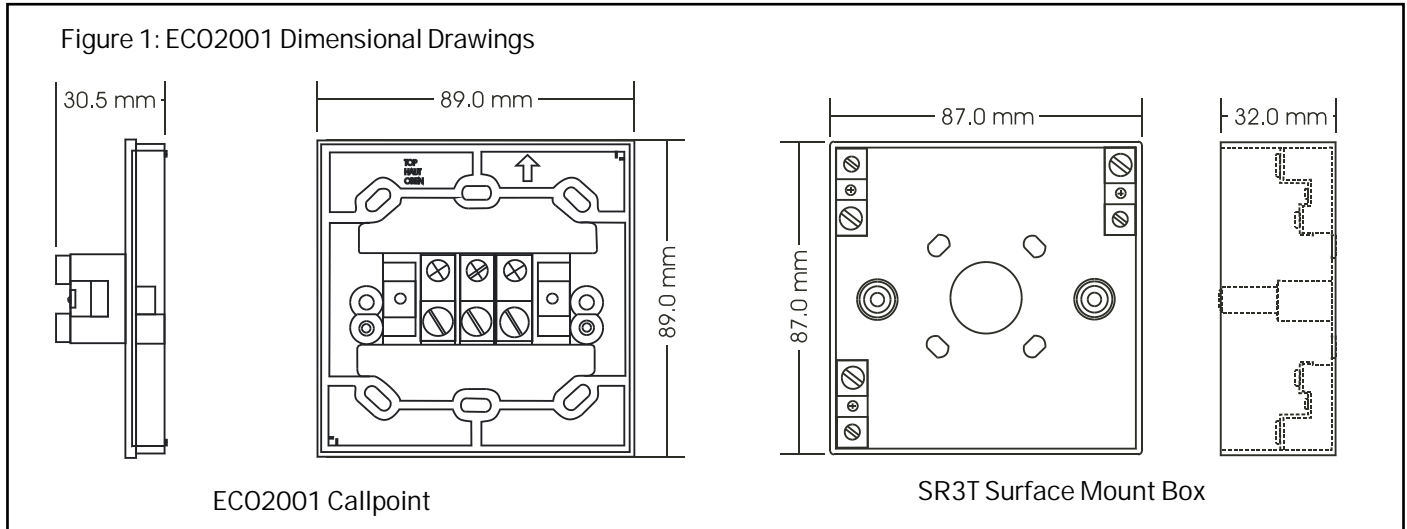
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ECO2001 INTELLIGENT SELF-ADDRESSING CALLPOINT



SPECIFICATIONS

Electrical

Operating Voltage Range	15 to 30VDC
Maximum Standby Current	345µA @ 24 VDC (no communication)
Maximum Alarm Current (LED on)	6.5mA @ 24VDC
Maximum Loop Current	1A
Device Resistance (non-isolating)	0.2 ohms

Environmental

Operating Temperature Range	-30°C to +70°C
Humidity	5% to 95% Relative Humidity (non-condensing)

Mechanical

Height	89mm
Width	89mm
Depth	35mm (mounted in SR3T Surface Mount Box)

Weight

Max Wire Gauge for Terminals	2.5mm ² (using SR3T Surface Mount Box)
Colour	Red

Product Range

ECO2003	Photoelectric Smoke Sensor
ECO2005	Fixed Temperature/Rate of Rise Thermal Sensor
ECO2000M	Input Module
ECO2000B	Sensor Base
EMA24ALW/R (red/white)*	Wall Mounted Loop Powered Sounder
DBS24ALW/LR (lid white/lid red)*	Loop Powered Detector Base Sounder

* Products available through KAC Alarm Company Limited.