



- UL539 / ULC 530 certified
- Fixed high temperature and ROR fast response thermistor sensor
- Trigger temperature  $135^{\circ}\text{F} \pm 4^{\circ}\text{F}$
- Rate of Rise  $15^{\circ}\text{F} / \text{Min} > 104^{\circ}\text{F}$
- Unique modular plug-in radio design
- Large EZ-Press™ Test/Hush button
- Automatic battery status indication
- Built-in sounder – 85dBA at 3 meters
- LED Alarm indication
- Easy to install twist-on base design
- Aesthetically pleasing, compact design
- 5 year warranty

## Product Description

EiA630 alarms give an audible warning and transmit a radio signal to the panel when the temperature at the unit reaches  $135^{\circ}\text{F} \pm 4^{\circ}\text{F}$  or rises more than  $15^{\circ}\text{F}/\text{minute}$ .

Heat Alarms are for use in kitchens and garages where the use of optical or ionization alarms could lead to unwanted nuisance alarms.

Patented external plug-in radio module design enables simple and reliable connection to the 8 pin header. No need to open the housing or to solder ribbon cables.

EiA630 devices are specifically designed for simple & intuitive, time-saving installation, commissioning and maintenance. All necessary mounting hardware is included.

The large, ergonomic, easy to find, Test/Hush button enables full testing and the ability to temporarily silence false/nuisance alarms.

## Operation

- The temperature sensor will activate the built in sounder upon sensing a fixed high temperature or a ROR condition. It will automatically reset and silence the alarm when the unit senses the temperature is within specification.
- The built in sounder provides a minimum sound output of 85dBA at 3m when a fire is detected.
- Pressing and holding the Test/Hush button will perform a complete test of the device as well as sound the alarm.

## Technical Specification

The EiA630 Temperature Alarm is UL 539 / ULC 530 listed
Fixed temperature thermistor type sensor, high temperature range 135°F ± 4°F; ROR 15°F / Min > 104°F Alarm sensor will reset automatically when the room temperature is within normal operating range
Radio Intergration: Plug-in 8 Pin header
Integrated head removal tamper switch (When head is removed a signal can be sent to the panel via the RF module)
Low battery warning signal: Alarm chirps & LED flashes every 48 seconds for up to 30 days to indicate when replacement of the alarm is required
Built-in sounder minimum sound output: 85dBA at 3m. The sounder contacts are soldered directly to the piezo disc for additional security
Manual integral Test button simulates the effect of heat and tests sensor, electronics and horn
Automatic Self-Test: Heat sensor is tested every 40 seconds and alarm chirps if a fault is detected
Supply Voltage: 1x CR123A battery. Provision is made for a second Optional CR123A battery for extended
Average Current Draw without radio: <9uA
LED indications: Red on Alarm, Yellow on Fault conditions
Ambient Temperature Range: 0°C to 50°C. 32°F to 129°F
Humidity Range: 0 to 90 % relative humidity
Dimensions: 4.53" X 2.17" or 115mm x 55mm
Weight inclusive of packaging: 7.05 ounces/200g
Approvals: UL/CUL Listed; Manufactured to ISO 9001:2000 quality standards
Warranty: 5 year (limited) warranty

\*Specifications are subject to change

In addition to standard High-Temp (135 degrees F) and Rate-of-Rise heat alarm functions, Ei Electronics EiA660 Combination Photoelectric Smoke/Heat and EiA630 Fast Response Thermistor-based Heat Alarms are now available with powerful SmartTemp+<sup>®</sup> Customizable Temperature Reporting Capability. Access to real-time temperature data stored in EiA660 & EiA630 alarm heads allows OEM's to create and transmit a unique range of fully customizable temperature alerts utilizing their own Proprietary RF Wireless Communication Modules. The range of custom temperature based alerts that OEM's can create is virtually unlimited. For example; Custom "Freeze Warning" alerts can be generated to prevent pipes from freezing or to inform of potentially life threatening cold when a low temperature set-points (chosen by OEM) are reached. Custom "Rapidly Falling Temperature Warning" alerts can be generated to notify users in the event of rapid indoor temperature drops, indicative of a possible break-in, or a door or window inadvertently being left open. "Ambient Temperature" at each alarm head can also be reported out in real-time via each device's wireless communication module. The added capability built into every Ei Electronics SmartTemp+<sup>®</sup> device offers OEM's and their customer's advanced, value-added life and property protection features that leave the competition out in the cold.

Ordering information	Product	Short Description
	EiA630W	Fixed Temp & ROR Heat detector without onboard diagnostics
	EiA630iW	Fixed Temp & ROR Heat detector with onboard diagnostics

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