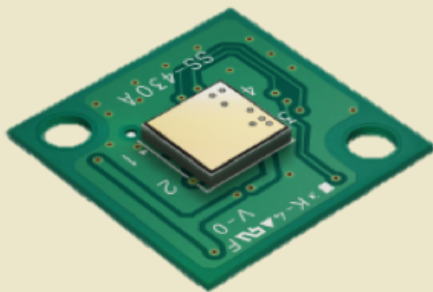
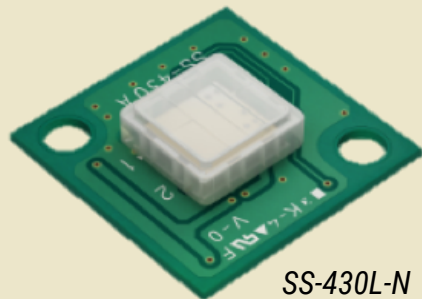


PYROELECTRIC INFRARED SENSOR



SS-430



SS-430L-N
SS-430L-W
SS-430L-BK

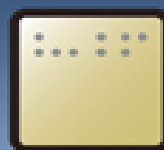
BENEFITS

- Reflow capable SMD configuration
- Lens not required
- Wide view angle up to ± 60 degrees
- Detects through resin
- Low power consumption
- Compact and low profile

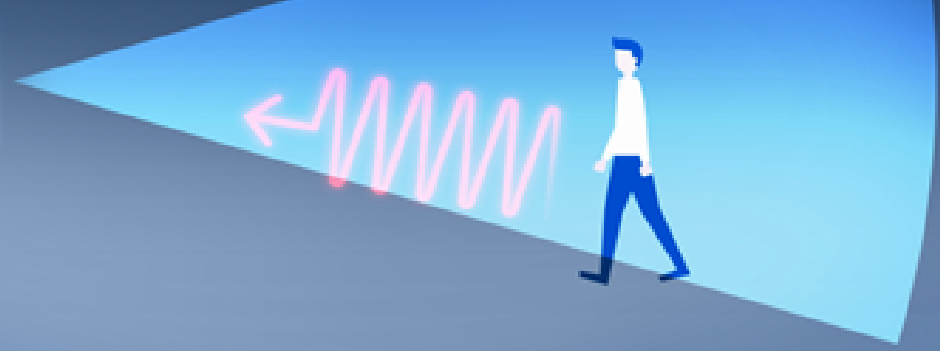
OVERVIEW

- KEMET's Pyroelectric Infrared Sensors use the pyroelectric effect of ceramic by absorbing infrared rays emitted from the human body
- Due to the absence of a lens, KEMET's Pyro Sensor is low profile, which makes it ideal for gathering visual requirements
- With KEMET's proprietary piezoelectric ceramic material and element structure, you can also detect humans through resin

KEMET Pyro Sensor



PL-N823-01



- TV
- Lighting
- PC monitors
- Rice cookers
- Smart toilets
- Air- conditioners
- Display products
- Home appliances
- Contact lens switching
- Office automation equipment



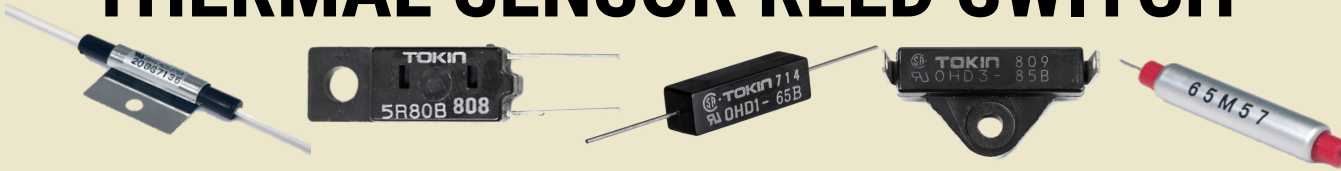
Control Panel



Contactless Switch

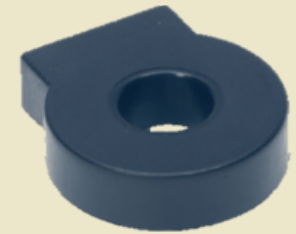
Electronic Components
KEMET
CHARGED.®

THERMAL SENSOR REED SWITCH



	OHD Thermal Guard	TRS Thermal Reed Switch
Product type	Molded type	Metal case, Lead wired
Operating Temperature Tolerance	$\pm 5^{\circ}\text{C}$	$\pm 2.5^{\circ}\text{C}$
Rated Power	From 1 to 6 Watt	Maximum 72 Watt
Function	Overheat Monitoring	Temperature Control, High Precision Overheat Monitoring
Approvals	UL, CSA, TÜV	UL, CSA on some Products

CURRENT SENSOR



MR/C-01

Zero-Phase Current Transformer

- Detecting leakage current
- Electric shock prevention
- Earth leakage breaker
- Short circuit relays



C/CT-1216

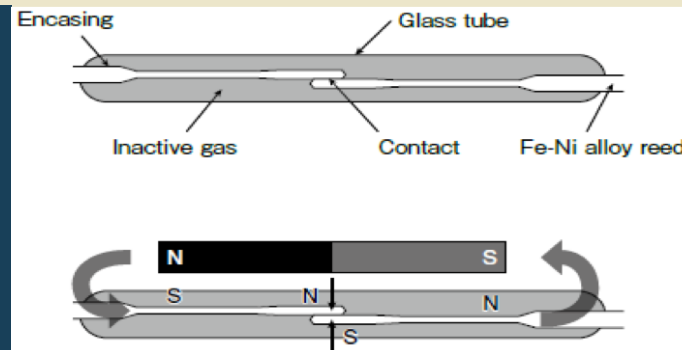
AC Current Transformer

- Snap-on type
- Detecting alternating current
- *xEMS* measurements
- *Distribution board*
- *Power conditioner*
- *Inverter equipment*

Electronic Components
KEMET
 CHARGED.®

OVERVIEW

- Temperature sensing switches composed of a magnet and a temperature sensing soft ferromagnetic substance called thermorite
- The material's saturation magnetic flux density decreases as the temperature increases
- Turns into a paramagnetic substance at its curie temperature
- The reed switch is encased in a glass tube with inactive gas and becomes magnetized from the magnetic field allowing the two reeds to make contact or separate
- Applications include overheat monitoring & atmospheric temperature detection



Reed switch operating principle.

BENEFITS

- Excellent environmental resistance
- No special circuit design required
- High speed response
- Long operational life
- Compact, light and easy to handle
- Dust explosion and corrosion proof
- Wide range of operating temperatures available from -10°C to $+130^{\circ}\text{C}$