



Sensata
Technologies

AIRPAX® | **Thermostats & Sensors**

Sensata Technologies develops and manufactures high quality Airpax™ bimetal thermostats and temperature sensors to protect and monitor your electronics and equipment from overheating and freezing.

products

6700 Series



Description: TO-220 subminiature bimetal thermostat, SPST, lead free construction

Operating Range: 40° C to 130° C (104° F to 266° F)

Range

Ratings: 0.5 Amp, 48VDC (20,000 life cycles)

Approvals: cRUus , VDE (with "P" plastic bracket)

Prefixes: 67F, 67L

6600 Series



Description: 8-pin DIP style, subminiature bimetal thermostat, SPST, lead-free construction

Operating Range: 40° C to 130° C (104° F to 266° F)

Range

Ratings: 1.0 Amp, 120VAC (30,000 life cycles)

1.0 Amp, 48VDC (25,000 life cycles)

Approvals: cRUus , VDE (upon request)

Prefixes: 66F, 66L

5003 Series



Description: Low-profile 1/2" disc bimetal thermostat, SPST, environmentally sealed

Operating Range: 35° F to 325° F (2° C to 163° C)

Range

Ratings: 5.0 amp, 120VAC (100,000 life cycles)

3.0 amp, 240VAC, 24VDC (100,000 life cycles)

1.5 amp, 48VDC (100,000 life cycles)

Approvals: cRUus

Prefixes: C53, O53, 5003

5011 Series



Description: 1/2" disc bimetal thermostat, SPST, hermetically sealed

Operating Range: 140° F to 480° F (60° C to 249° C)

Range

Ratings: 3.0 amp, 120VAC (100,000 life cycles, isolated case)

3.0 amp, 32VDC (100,000 life cycles, grounded case)

Prefixes: C11, O11, 5011

4100 Series



Description: Bimetal thermostat, brass probe, SPST, environmentally sealed

Operating Range: 40° C to 130° C (104° F to 266° F)

Range

Ratings: 1.0 amp, 120VAC, 48VDC (30,000 life cycles)

3.0 amp, 28VDC (5,000 life cycles)

Prefixes: C41, O41, 4100

5020 Series



Description: Bimetal thermostat, stainless steel probe, hermetically sealed, SPST, grounded case

Operating Range: 35° F to 480° F (2° C to 249° C)

Range

Ratings: 3.0 amp, 32VDC (100,000 life cycles)

Prefixes: C20, O20, 5020



5100 Series

Description: Bimetal thermostat, stainless steel probe, hermetically sealed, SPST, isolated case

Operating Range: 35° F to 480° F (2° C to 249° C)

Ratings: 3.0 amp, 120VAC (100,000 life cycles)
2.5 amp, 240VAC (6,000 life cycles)

Approvals: cRUus

Prefixes: C51, O51, 5100



6024 Series

Description: Bimetal thermostat and thermal sensor combo, stainless steel or brass, environmentally sealed, SPST

Switch Range: 35° F to 480° F (2° C to 249° C)

Sensor Range: -40° C to 120° C (-40° F to 248° F)
Additional options available

Switch Ratings: 1.0 amp, 120VAC (30,000 life cycles)
0.5 amp, 48VDC (20,000 life cycles)

Prefixes: C6024, O6024



3000 Series

Description: Thermistor, RTD, or IC temperature sensors. Surface, air, and immersion stainless steel packages in standard configurations

Max Range: -40° C to 130° C (-40° F to 266° F)

Prefixes: 3A, 3B, 3C, 3D, 3E, 3F



5024 Series

Description: Thermistor, RTD, or IC temperature sensors. Surface, air, and immersion packages in custom configurations

Max Range: -50° C to 300° C (-58° F to 572° F)

Prefixes: 5024



5024 EGR Series

Description: EGR (Exhaust Gas Recirculation) high temperature sensor package. Options include integral connector or flying leads.

Max Range: -50° C to 300° C (-58° F to 572 ° F)

Prefixes: 5024