

Airpax Series 6700 Thermostat

Биметаллический термостат в корпусе TO220

Тип датчика термостат

Рабочий ток макс. 1А

Рабочее напряжение макс. - 120 V AC

Внешние размеры - 10,2 x 4,6 x 30 мм

монтажное отверстие Ø 3,6 мм

Встречается как - 723-1186



Наименование	U раб, (В)	I раб, (А)	Конфигурация выхода	Температура размыкания °С	Температура замыкания °С
BT-67L090 (JUC-31F-90-D)	120VAC/48VDC	1	NC (норм. замкн)	90 ± 4	60 ± 4



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SPECIFICATIONS

- **Contact Resistance:**
50 Milliohms max. (before and after rated life)
- **Contact Ratings:**

Cycles	Voltage	Amps (resistive)
30,000	48 VDC	1
30,000	120 VAC	1
100,000	5 VDC	.020
100,000	5 VDC	.001
- **Contact Operations:** Either open on rise or close on rise
- **Operating Temperature Range:**
40°C (104°F) to 130°C (266°F)
- **Standard Operating Temperature Tolerance:**
±5°C (±9°F) Nominal operating temperature settings
in 5°C (9°F) increments
- **US Patent No:** 4,795,997
- **Short Term Exposure Limit:** 260°C (500°F), 10 sec.
- **Long Term Exposure Limit:** -55°C (-67°F) to 160°C (320°F)
- **Dielectric Strength:** 1480 VAC 60Hz, 1 second
terminals to case for nickel-plated copper bracket. 2000
VAC 60Hz, 1 second terminals to case for plastic bracket.
- **Insulation Resistance:** 100 Megohms at 500 VDC
- **Contact Bounce - make:** 3 ms max.
- **Weight:** Approximately 0.5 grams

- **Seal:** Epoxy sealed for wave soldering and cleaning.
Moisture proof per Airpax Spec. S-722 (unit will not leak while
submerged in 9" of water for a minimum of two minutes).
- **Vibration:** Per Mil-Std-202, Method 204D,
Test Condition D, 10-2,000 Hz.
- **Shock:** Per Mil-Std-202, Method 213, Test Condition C,
100 G's, 6 milliseconds, ½ sine wave.
- **Chemical Resistance:** Unit is resistant to water, salt, alcohol,
ammonia, trichlorethane, and most other organic solvents.
- **Solderability:** Terminal material is selectively striped
with 60/40 solder for improved solderability.
- **Resistance to Soldering Heat:**
Per Mil-Std-202F, Method 210A, Test Condition E.
- **File Numbers:**
UL Recognized E36687
CSA Certified LR25561
VDE Approval I1624, 2-4510-1004 (plastic bracket only)

MATERIALS

- **Seal:** High temperature epoxy
- **Base:** PPS (Polyphenylene Sulfide), 94 VO rated
- **Terminals:** 65% Copper, 18% Nickel
- **Contacts:** Gold-plated or overlay, Silver cross bar
- **Bracket:** Nickel-plated copper or high pressure
laminated plastic

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