

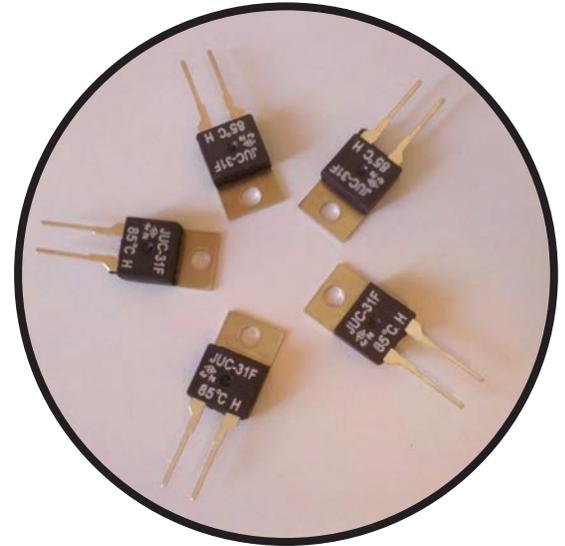
# Calco JUC-31 Series

## TO-220 PCB-Bimetal Disc Thermostat

ONLY MANUFACTURE OFFERING LOW TEMPERATURE AS LOW AS 0C (32F)

### Features

- Temperature range 0C – 130C
- Rohs compliant per EU directive 2002/95/EC
- TO-220 international electronic package standard
- 100K cycles rating
- Designed for surface or air sensing for printed circuits and heat sinks
- Available in normally open/normally closed configuration



### Description

The Calco JUC-31 series is a RoHs compliant, snap action SPST bimetallic thermostat which provides accurate sensing capabilities in a single device. The JUC-31 Series conforms to IEP standards Y220/TO220.

Therefore they may be automatically placed and soldered in a pick/place applications, ideal for printed circuit boards

Factory calibrated 0C-130C in 5C increments.

### Applications

- Power supplies
- Medical devices
- Test equipment
- Refrigeration
- HVAC
- PCB

### Specifications

Contact Ratings	Cycles	Voltage	Amps (Resistance)
	10,000	250VAC	1
	30,000	48VDC	1
	100,000	5VDC	0.02

Contact Operation	- close on rise (make) or open on rise (break)
Operating Temperature	- 0C to 130C (32F to 266F)
Temperature Tolerance	- standard tolerance +/-5C (+/-9F)
Contact resistance	- < 50 mΩ
Insulation Resistance	- 100 Mohm
Approvals	- UL, CQC, CB
	- Rohs compliant Per EU directive 2002/95/EC
Dielectric Strength	- 1500VAC/sec duration terminals to case



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## Temperature Calibration Table

Operating Temperature +/-5C	Min. Differential	Max Reset Temperature 0C
0C	5C	20C
5C	5C	25C
10C	5C	30C
15C	5C	35C

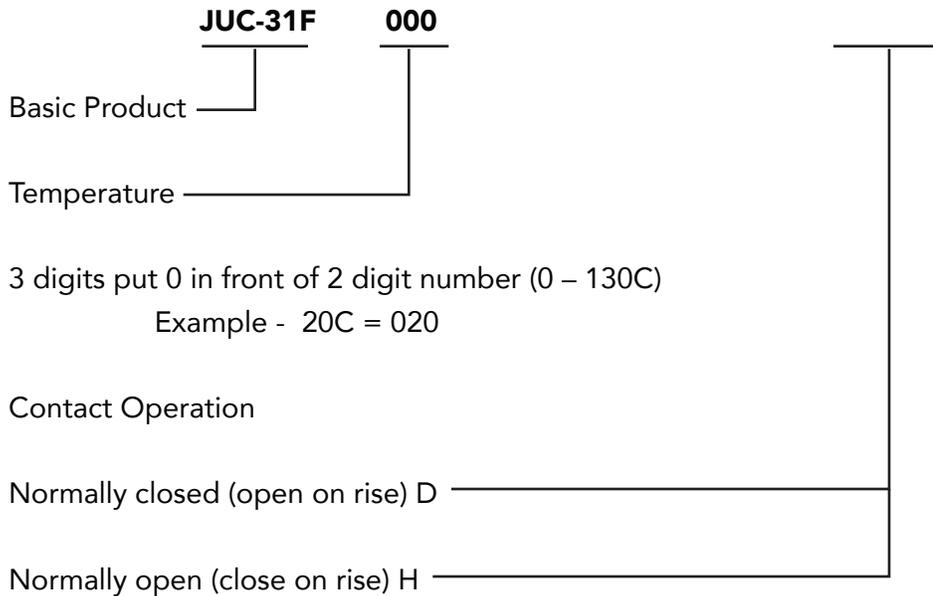
Operating Temperature	Min. Differential	Min Reset Temperature
40C	5C	20C
45C	5C	25C
50C	5C	30C
55C	5C	30C
60C	5C	35C
70C	6C	40C
75C	6C	45C
80C	6C	45C
85C	6C	50C
90C	6C	55C
95C	6C	60C
100C	7C	65C
105C	7C	70C
110C	7C	75C
115C	8C	75C
120C	8C	80C
125C	9C	85C
130C	9C	90C



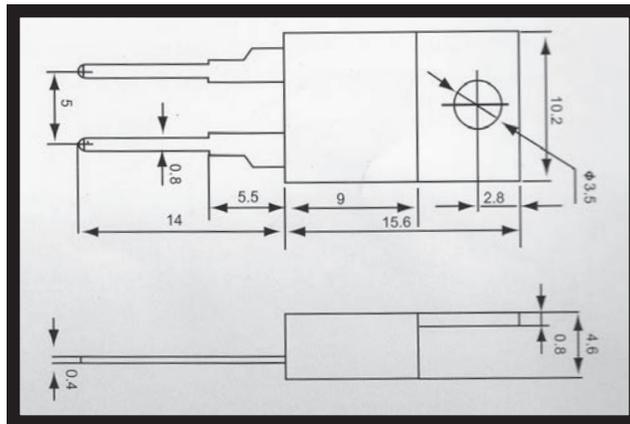
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## Ordering Information



All production orders shipped in plastic shipping tubes



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