

## SEKI – ST-30 Bimetal Thermal Switch

The SEKI ST-30 is the smallest encapsulated bimetallic thermal cut-out in the ST series, ideal for integration into products like electric motors, transformers, battery packs, and chargers. It features a snap-action bimetal strip, factory calibrated from 50°C to 150°C in 5K steps, that opens at its set temperature and closes upon cooling to protect against over-temperature and over-current.

### Features:

- Snap-Action Auto-reset control
- Fast Heat Response
- PBT Resin Case with Epoxy Seal
- Moisture/Dust-Proof, IECEx (Explosion Proof)
- Custom lead wires upon request
- IP (Ingress Protection): IP65
- Compact size: 15 x 6 x 3mm



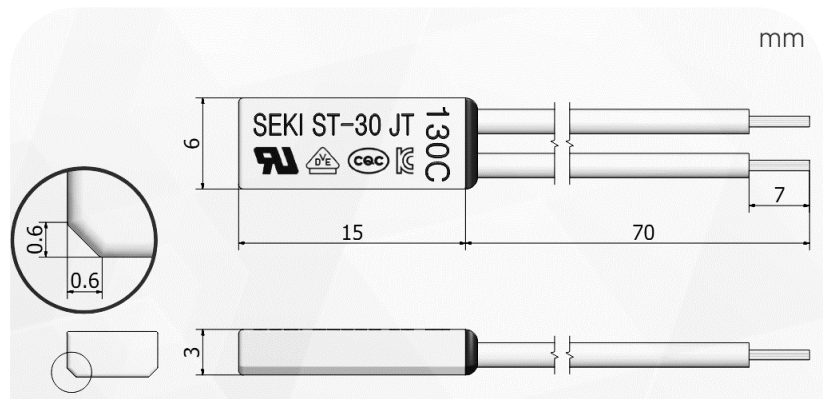
### Operating temperature range

- Available temperature calibrations from 50°C to 150°C in increments of 5K

### Applications:

- Battery Packs
- Electric Motors
- Battery Chargers
- Transformers
- Heating Pads
- Water Pump motors
- Ballasts
- Solenoids
- LED Lighting & Controls

### Dimensions:



### Technical:

- Life Cycle - 5A/250V AC 10,000 cycles  
5A/24V DC 10,000 cycles
- Temperature Differential – 30±15K
- Contact Ratings – Min. Current 100mA/repeatedly  
Max. Current 30A/5 cycles
- Endurance - Open temperature + 50°C (continuously), 200°C (1min)
- Leads - UL3266 AWG22 Standard. Standard Length: 70mm long with 7mm stripped

### Safety Certifications:

- UL/cUL, VDE, CQC, KC, TUV

For additional technical information, please see the [SEKI ST-30 manufacturers datasheet](#).

For further information please contact us at [sales@atcsemitec.co.uk](mailto:sales@atcsemitec.co.uk)