

## ASAHI US-628 – IP67 ½" Disc Thermostat

The ASAHI US-628 waterproof disc thermostat offers IP67-rated integrity within a compact, epoxy-sealed housing. Designed with epoxy and O-ring seals, it prevents moisture ingress, making it suitable for challenging environments and can be considered for use in some ATEX applications.

Using high quality snap-action bimetal discs from the US-622 series, the US-628 ensures reliable tight differential control with open-on-rise or close-on-rise contacts, handling up to 5A/250VAC and calibrations up to 130°C.

Ideal for gas or oil heating systems, it carries Japan's JIA approval and can monitor air temperature using various air-flange mount options. Its low-resistance electrical contacts help it to integrate seamlessly into thermocouple circuits.

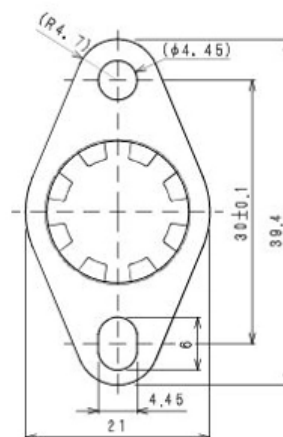
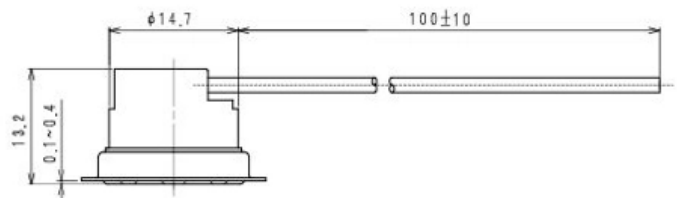
Standard lead wires are 100mm 20AWG PVC (rated 115°C) or FEP (rated 180°C), with custom lengths available for large orders.

### Key Applications:

- Refrigeration controls
- Gas and Oil appliances (JIA approval)
- Fuel-cells
- Anti-condensation controls
- Anti-frost heaters

### Features:

- IP67 rated drip-proof housings
- Integral lead-wires
- Calibration range +30°C to +130°C
- 5A/250VAC contact rating
- C-UL & CMJ approval



All dimensions in mm

The ASAHI US-622 disc thermostat used in these assemblies is also available as a basic disc thermostat for standard flat surface mounting or through-hole air-sensing applications. Close control, over-temperature cut-out or one-shot bimetal, all are available in a neat ½" disc package.

Call us to discuss your application requirements – Tel +44 (0)1606 871680

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