

## HOLROYD BESPOKE SURFACE HEATING ELEMENTS

### OVERVIEW:

Holroyd offer a number of thermal devices. These include bi-metal switches with fixed temperature settings that open on temperature rise, cutting the supply to the heating element and close again on temperature fall. These are stocked in both manual and auto reset options. Holroyd's most common thermal device is the 1/2" disc limiter, which is mounted to the surface of the heater to provide overtemperature protection or basic process control. These are stocked in a temperature range of 5°C to 200°C with a maximum current capacity of 15 Amps at 230 volts. The reset differential of these devices is between 10°C for the lower temperature settings and 20°C for the higher.

Also available are low profile options. The Pepi provides a similar level of control to the 1/2" Disc but has a current limitation of 4 Amps. The reset differential is 5°C - 15°C at 230V and is stocked in a range of temperatures from 58°C to 160°C. Alternatively, the Uchiya is a fully insulated device with good current capacity up to 10 Amps, but has a wider differential of 30°C - 40°C. The Uchiya is more suited to overtemperature protection in conjunction with a temperature sensor.

Other options include thermal fuses, which are a single operation device suitable as a last line of protection. Commonly used as a backup to a temperature sensor or bimetal limiter these are stocked in a wide range of temperatures from 66°C to 240°C.



QUALITY



RELIABILITY



CREATIVITY



SERVICE



COMMUNITY

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