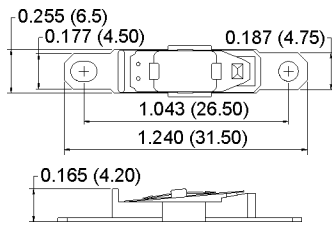


Thermal Protectors - Self Hold

UB8P and UB81P Series

UB8P Model



FEATURES

- Phenol resin base
- Built-in PTC heater for self-hold
- Quick thermal response due to exposure of the bimetallic element

APPLICATIONS

- Mixers
- Blenders
- Grinders
- Dishwashers
- Space heaters

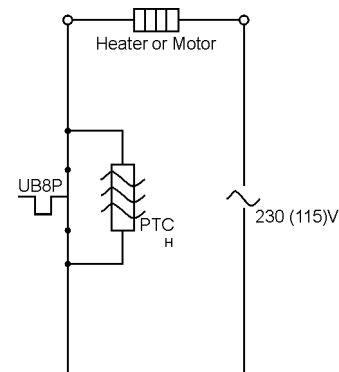
Models UB8P (exposed model - shown above) and UB81P (enclosed model) Self-Hold Thermal Cut-Out and Thermal Protectors are designed to provide overheat protection in high voltage applications. With a high 16 Amp capability, the new models are well suited for thermal overload protection in a broad range of applications.

The body of these surface mount devices are manufactured of phenolic resin and feature a new patent pending partition wall design that isolates the switch from the main body. This design effectively controls arcing that can cause a break in voltage contact (particularly in 250V applications), ensuring continuous operation to setpoint. The UB81P features a reinforced PBT enclosure for dust-proof applications; the UB8P has an exposed bi-metallic element for high accuracy and fast response to ambient air temperature.

Both models incorporate a "self-hold" non-self resetting function that provides a high level of operational safety, especially in appliances with moving parts. The "self-hold" function ensures that after the element reaches its pre-set open temperature, the internal heater activates to maintain a self-regulating temperature, preventing the switch from resetting until the user disconnects the power.

SPECIFICATIONS

Temperature range (UL Approved models)	167°F to 257°F (75°C to 125°C)
Environmental temperature	±9°F (±5°C) Standard
Differential	50°F±25°F (30°C±15°C)
Electrical ratings	125VAC, 16 Amps, Resistive, 6,000 Cycles
Contact resistance	50m Ω or less (initial value)
Approvals & contact ratings UL-873	Regulating (manual reset) 125VAC, 16 Amps, Resistive, 6,000 Cycles 257°F Maximum (125°C Maximum) File No. E50124
EN60730-2-9	Temperature Limiter 250VAC, 10 Amps, Resistive, 6,000 Cycles 250VAC, 5 Amps, Inductive, 6,000 Cycles 257°F Maximum (125°C Maximum) File No. 8921.00-4521-0039 RoHS Compliant



It is the customer's sole responsibility to specify and determine the suitability of a particular control or component based on their unique individual applications and requirements

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