

# Resettable Thermal Cutout: AC02

## THERMAL MOTOR PROTECTOR



This resettable thermal cutout available from Calco Electric offers a small sized thermal cut out used for thermal protection of electric motors and transformers and is mounted directly into windings. Other applications include protection of heaters and controllers. The minimum current of protected circuit is 100 mA, the maximum current is set according to specifications. For any questions or to order, please contact Calco Electric.

## Specifications:

Contact configuration: **SPST n.c.**

Rated voltage: **250V; AC**

Rated current

of resistive loading  $I_{zn}$ ,  $\cos\Phi=1$ : **6.3 AMPS**

and induction loading,  $\cos\Phi=0.6$ : **4.0 AMPS**

Number of switching cycles at rated loading: **10000 cycles**

Maximum loading/number of automatic cycles: **10 A/2000 cycles**

Range of rated switching temperatures: **65°C - 180°C**

Switching temperature tolerance:  **$\pm 5^\circ\text{C}/\pm 7.5^\circ\text{C}/\pm 10^\circ\text{C}$**

Switching differential:  **$30 \pm 15^\circ\text{C}$**

Speed of temperature changes:  **$0.5 \div 1^\circ\text{C}/\text{min}$**

Thermal resistance: **max 230K / 1 min**

Degree of protection (acc. to EN-60730-1): **IP 00**

PTI of material used for insulation: **250 V**

Construction: **incorporated; non-electronic**

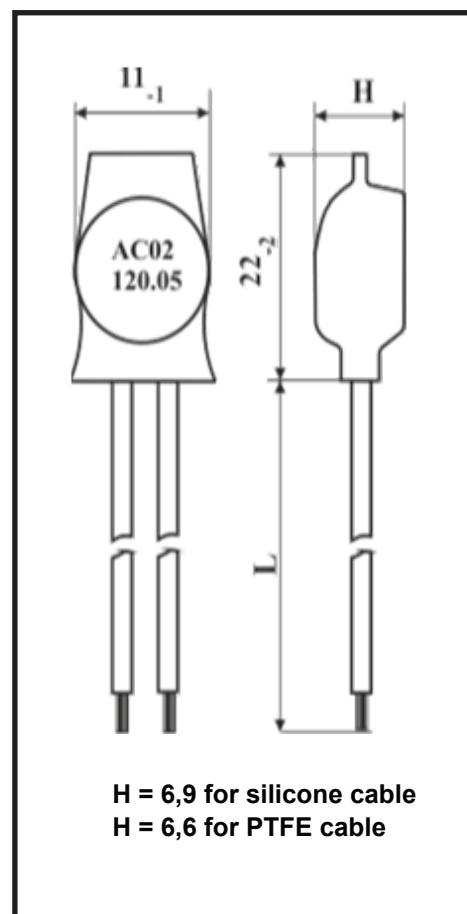
Electrical strength of insulation: **2500 V; 50 Hz**

Contact resistance: **max <25 m $\Omega$**

Approvals: **VDE / UL**

## Applications:

- Motors
- Transformers
- Coils
- Electric Sensors



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