

## 9700

Thermal Protector for Motor/Fluorescent ballasts and Temperature Sensing Controls

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Technologies

The Klixon® 9700 protector is a field proven miniature protector developed to protect shaded pole and permanent split capacitor motors, fluorescent ballasts, solenoids, transformers and other electrical equipment against overheating.

In addition to being small and lightweight, the unit is both temperature and current sensitive. Since the 9700 is sealed to withstand varnish dipping, it can be mounted directly in windings where it can best sense the true temperature of the electrical equipment. As a result, over-temperature protection is assured.

Since the case is not electrically insulated, the protector is furnished with a durable Mylar insulating sleeve. Shrinkable and non-shrinkable sleeves are available.

#### **Technical Characteristics**

Purpose of control:

Contact capacity:

Temperature range:

Tolerance on Open temp: Automatic action:

Operating time: Pollution situation: Extent of sensing element: PTI of the insulation: Enclosure protection degree: thermal motor protector (TMP) thermal ballast protector (TBP) thermal cut-out (TCO) 250VAC 13A for TCO 250VAC 2A for TBP 60°C to 150°C for TCO and TMP 60°C to 135°C for TBP +/- 5K or +/- 8K Type 3C for TMP Type 2C for TBP and TCO Continuous Normal Whole control 175 IP00



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#### KEY BENEFITS

Miniature size-compact design assures ease of installation

Precision Calibration-temperature calibrated and inspected in controlled ambients for dependable consistent performace

Snapaction-positive make and break assured with proven Klixon® strip disc...contact pressure at open temperature eliminates nuisance trips due to vibration

Sealed steel case-withstands impregnation and baking...maybe varnish dipped...prevents changes in calibration during installation

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Current in Amps



Agency	File number	Standard	Note
UL	E 15962	UL2111	Motor protector
ENEC	2014531.10	EN60730-2-9	Thermal cut-out
ENEC	2014531.10	EN60730-2-2	Thermal motor protector
ENEC	2014531.10	EN60730-2-3	Thermal ballast protector
CQC	CQC0200	2001344	

# Current in Amps Time in seconds F30 B100 B250 B1 P850



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