



9700

Thermal Protector for Motor/Fluorescent ballasts and Temperature Sensing Controls

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 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: thermal motor protector (TMP)

thermal ballast protector (TBP)

thermal cut-out (TCO)

Contact capacity: 250VAC 13A for TCO

250VAC 2A for TBP

Temperature range: 60°C to 150°C for TCO and TMP

60°C to 135°C for TBP

Tolerance on Open temp: +/- 5K or +/- 8K

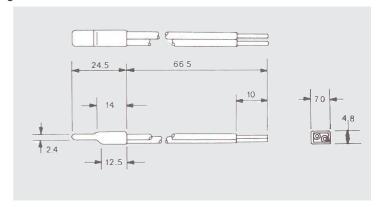
Automatic action: Type 3C for TMP

Type 2C for TBP and TCO

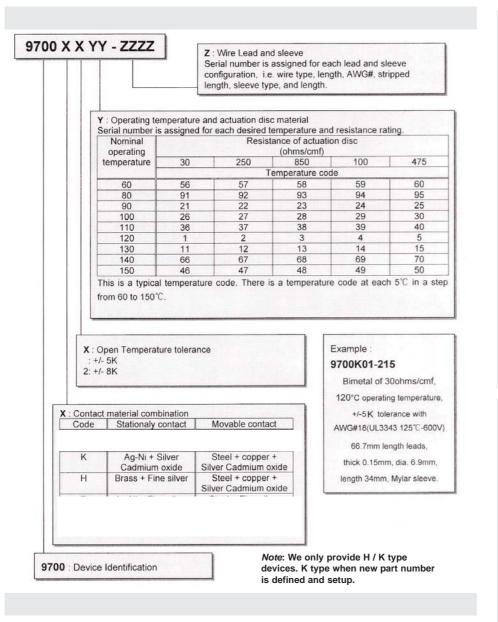
Operating time: Continuous
Pollution situation: Normal
Extent of sensing element: Whole control

PTI of the insulation: 175
Enclosure protection degree: IP00

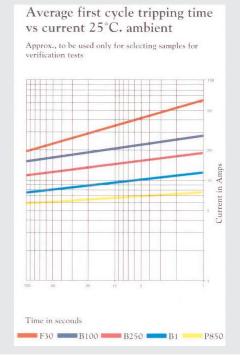








Ultimate trip current vs ambient temperature Approx., to be used only for selecting samples for Delta temperature in °C (T open - T ambient) F30 B100 B250 B1 P850



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

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