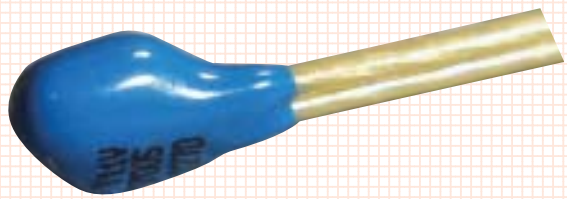

311-502 to 311-512

Motor / Transformer Protection 2.5A

DESCRIPTION

These thermal cutouts operate by means of a thermally sensitive bimetal snap-element which switches a double electrical contact when reaching a pre-set response temperature. The contacts can be normally open or normally closed. The electrical current being switched flows through the bi-metal element, which therefore gives a combination of temperature-and current-sensitivity.
Heat transfer occurs on all sides via convection, radiation or conduction in gaseous or solid media. The rhomboid base conducts heat directly onto the bi-metal element, allowing its use as a surface temperature cutout.

APPLICATIONS

Thermal protection, and under certain circumstances, temperature control of electrical machinery and equip-ment.

Examples:
AC Motors Coils
Oil Baths Single Phase Motors
Electromagnets Water Boilers
DC Motors Copiers
Accumulators Generators
Hot Air Dryers Liquid Pumps
Transformers Electric Ranges
Rectifiers Washing Machines
Inverters Equipment of
Different Kinds

Specifications

Electrical life:	10,000 operations
Maximum current:	6.3A resistive
Contact rating:	2.5A resistive 250V 50-60Hz 1.6A inductive @ 0.6 power factor
Mounting clip:	Copper beryllium alloy, single screw fixing
Dimensions:	12.8 x 8.4 x 5.4 mm (W x D x H);
Leads:	100mm x 0.5mm2 multi-stranded
Temp. setting:	tolerance: ±5°C (±10°C for 180° operating temperature)
Reset temperature:	Approx. 30°C below response temperature
Contact resistance:	<40 mW
Material:	St. st. case epoxy resin insulation, no live parts exposed
Material:	Body Duroplast, mounting bracket aluminium (freely rotating)
Dimensions :	30 (36 inc terminals) x 12 (26 inc reset cap) x 16mm