

SECURITY THERMOSTATS

These thermostats are suitable for the single phase, two phase or three phase heating kitchen equipment, applicable for oil or electric frying pans, burners, ovens, bakers, electric water heaters, boilers, and other commercial kitchen utensils as precise temperature control.

SINGLE PHASE

Rated current: 16A / 32A

Voltage: 110V / 250V / 400V

Durability (service life): 6000

Highest protected over-temperature: $450^{\circ}\text{C} \pm 2^{\circ}\text{C} \sim \pm 6^{\circ}\text{C}$

Max. heat resistance of the body: 150°C

Type of switch: S.P.S.T. Uni-polar

TWO PHASE

Rated current: 16A / 32A

Voltage: 110V / 250V / 400V

Durability (service life): 6000

Highest protected over-temperature $450^{\circ}\text{C} \pm 2^{\circ}\text{C} \sim \pm 6^{\circ}\text{C}$

Max. heat resistance of the body: 150°C

Type of switch: D.P.S.T. Two-polar

THREE PHASE

Rated current: 16A / 32A

Voltage: 110V / 250V / 400V

Durability (service life): 6000

Highest protected over-temperature $450^{\circ}\text{C} \pm 2^{\circ}\text{C} \sim \pm 6^{\circ}\text{C}$

Max. heat resistance of the body: 150°C

Type of switch: T.P.S.T. Three-polar

THERMAL PROTECTORS

SERIES ST

The **Milano Componenti** series of snap-action thermal protectors with automatic reset comprises two distinct models: MST22 and MST12. They are characterized by high heat response and are highly effective and safe products.

Applications:

MST22: thermal protection against overheating of electric motors, battery chargers, transformers, solenoids, heat distribution systems and fluorescent inspection lamps.

MST12: thermal protection against overheating for hairdryers, electric fans, popcorn machines, electric ovens and dryers.

Materials

Thermoplastic casing in high-quality, insulated polybutylene terephthalate (PBT), 100% waterproof (only MST22)

Temperature scale (no load):

65°C ~ 150°C.

Tolerance:

±5°C

ON-OFF temperature differential (general):

30 ± 15K.

Heat resistance:

Temperatura di apertura +50°C/continuità, 200°C/1 min.

Life in cycles (resistive load):

MST22: 8A/125V 10.000 cycles, 5A/250V 10.000 cycles

MST12: 15A/125V 6.000 cycles, 10A/250V 6.000 cycles



Contact capacities:

MST22:

minimum current 50mA/continuous,
maximum current 30A/5 cycles.

MST12:

minimum current 100mA/continuous,
maximum current 30A/5 cycles.

Contact mode:

NC

Certifications:

UL - VDE

