

MR Series Universal limiter

ENERGY SAVINGS - SAFETY - RENEWABLE ENERGY - HYBRID TECHNOLOGY - ENVIRONMENT - COMFORT - PLUG&PLAY - PERFORMANCE

RENEWABLE ENERGY - HYBRID TECHNOLOGY - ENVIRONMENT - COMFORT - PLUG&PLAY - PERFORMANCE - WATER HEATER - ERP

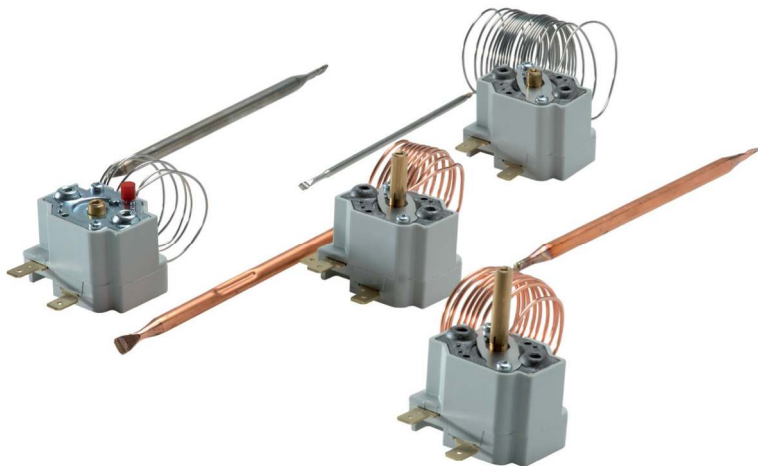
1-pole bulb and capillary manual reset safety limiter

FEATURES

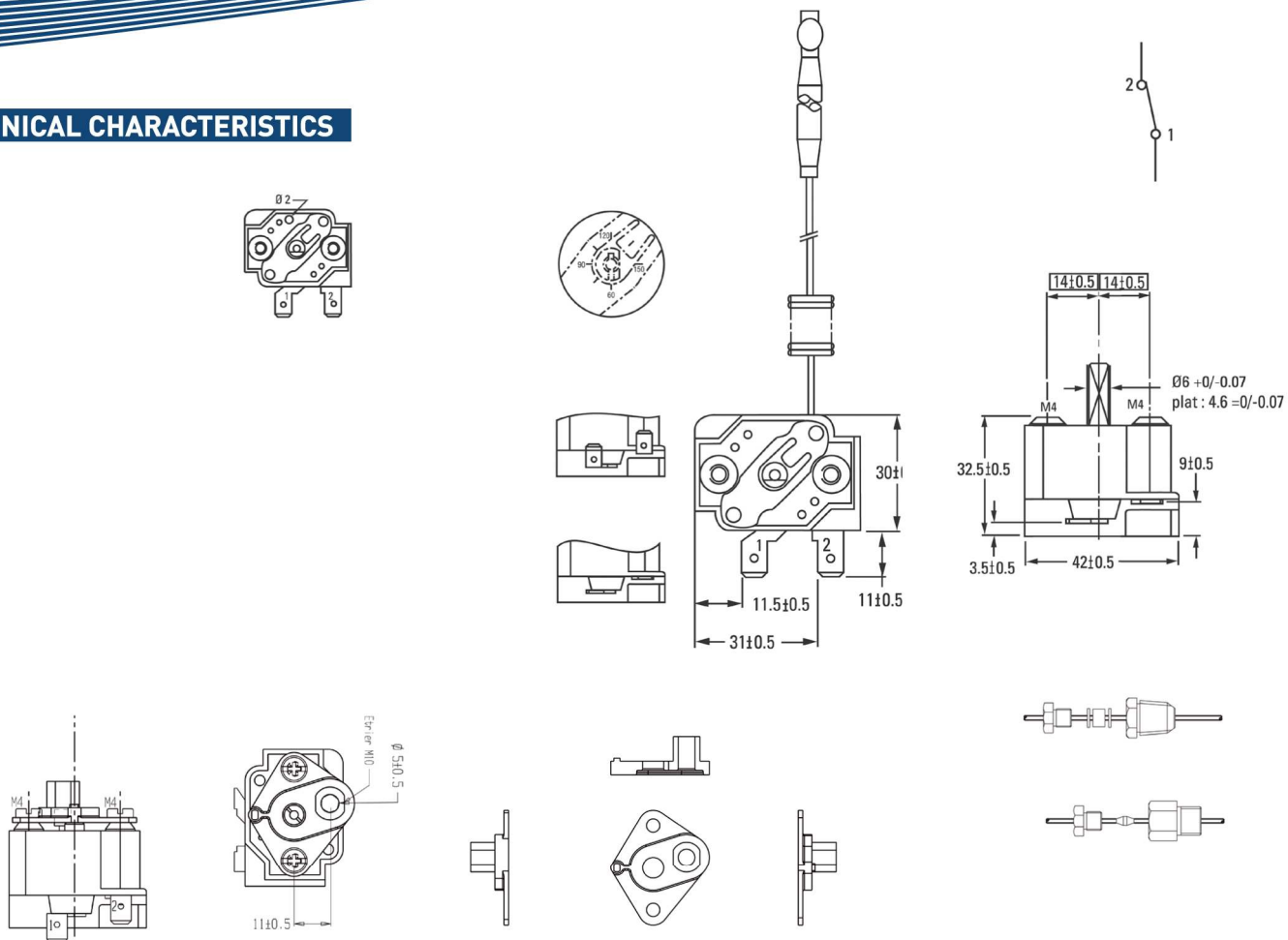
- Available either for temperature regulation or over-temperature protection
- Factory pre-set fixed temperature, OEM adjustable or end-user knob adjustable temperature
- Wide variety of temperature ranges customized to requirements
- Precise temperature control with fast reaction time
- Adaptable to both air and immersion type applications
- Trip free manual reset
- Multiple bracket options for field retrofit
- Protective capillary sleeving available

OPERATION

A rise in temperature causes the expansion of liquid within the bulb and capillary. The liquid acts on a bellows assembly within the plastic housing to open and close electrical contacts.



TECHNICAL CHARACTERISTICS



Type	Single pole single throw (SPST)
Temperature range	-35 to 350°C / -31 to 662°F, customized to specification
Differential	Approx 5% of the temperature range
Rating	20A - 250V (EN, UL) / 25A - 250V (UL)
Material	Bulb and capillary in copper, nickel-plated copper, or stainless steel
Capillary length	150 to 3000 mm / 6 to 118"
Sensing element diameters	Copper: 4, 5, 6 and 8 mm / 5/32, 3/16, 1/4 and 5/16" stainless steel : 3, 5, and 6 mm / 1/8, 3/16, and 1/4"
Maximum head temperature	120°C / 248°F, 150°C / 302°F
Connections	Brass or nickel plated fastons or screw terminals
Approvals	CE conformity, ENEC MARK according to EN-60730-1, EN 67130-2-9, ROHS conformity UL, CSA

Weight: approx. 60g