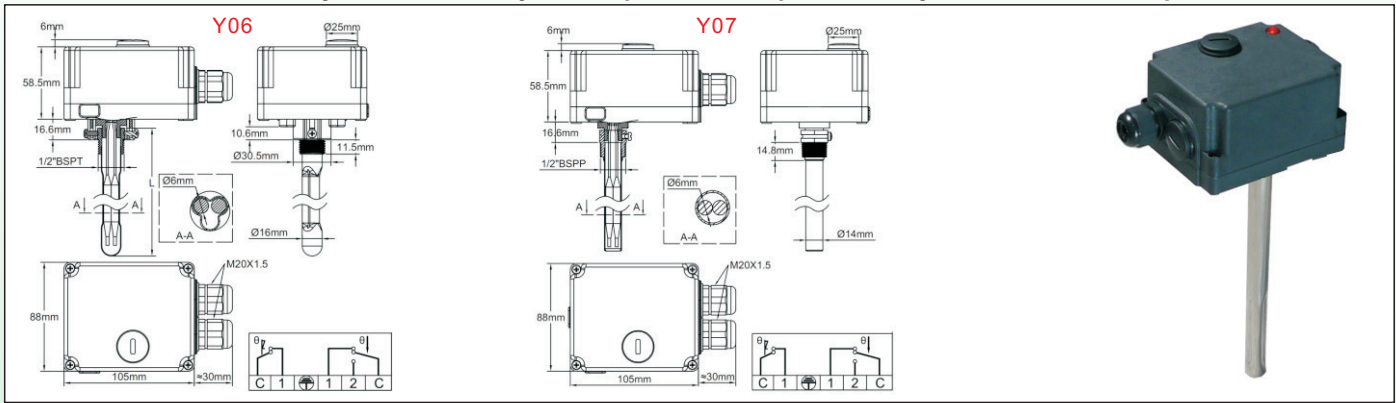# 2015 New products
Combination of adjustable set point thermostat and manual reset high limit, IP54 commercial housing, types Y06 (With ½"BSPT nickel plated brass pocket) and Y07 (AISI 304 pocket, ½"BSPP)

Main applications:

Temperature control and safety on storage water heaters, solar heating tanks, boilers

Housing: IP54, 105 x 88 x 58.5 mm, (Cap, accessories and cable gland not included), black PC-ABS, UL94V0. High impact and UV resistance.
Product including an adjustable temperature control thermostat and a fixed setting high limit manual reset thermostat. Manual reset has access from outside, by removing a cap.
Electrical input: two M20 cable glands.
Temperature Adjustment: Inside, with °C printed knob. (°F printed knobs available in option)
Sensing element: Liquid filled bulb, located inside a backside mounted nickel plated brass pocket.
Adjustment ranges: 0-60°C (32-140°F) ; 30-90°C (85-195°F); 30-110°C (90-230°F)
Pocket length (L): 205mm (standard), 170, 300, 450 and 600mm on request
Electrical connections: screw terminals
Mounting:
-Y06: by the ½"BSPT (taped) brass pocket fitting
-Y07: by the ½"BSPP (parallel) brass pocket fitting
Control thermostat contact: SPDT
-Open on temperature rise contact (C-1) 16A(2.6) 250VAC
-Close on temperature rise contact (C-2) 6A(0.6) 250VAC
-Electrical life >100.000 cycles.
Manual reset thermostat contact: Failsafe, open by temperature rise; 16A (2,6) 250V alt.
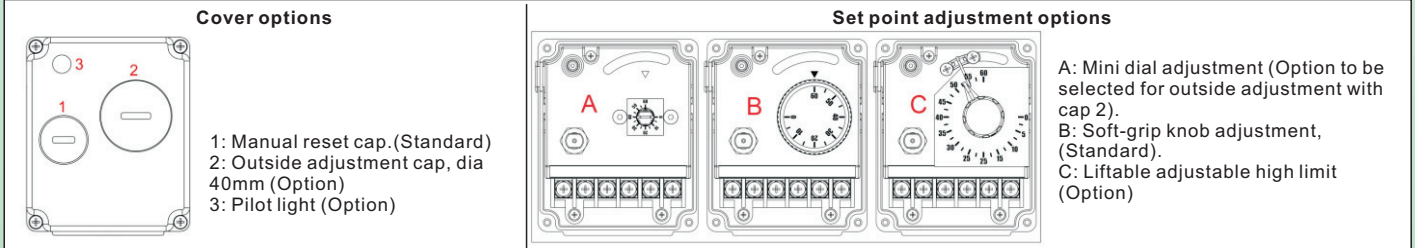**Options:**
-Power supply "energized" pilot light (Neutral is mandatory, and thermostat contact is open on rise only, not SPDT). Other pilot light wirings are possible on request.
-Liftable adjustable high end adjustment on control thermostat.
- Outside access to the control thermostat adjustment (By removing a 40mm dia. cap)
-Thermal cut out incorporated inside the pocket.
-These products can be made without pocket, for special customer applications and incorporation

Cover options

1: Manual reset cap.(Standard)
2: Outside adjustment cap, dia 40mm (Option)
3: Pilot light (Option)

Set point adjustment options

A: Mini dial adjustment (Option to be selected for outside adjustment with cap 2).
B: Soft-grip knob adjustment, (Standard).
C: Liftable adjustable high limit (Option)

Main references (with 205mm pocket)

Temperature ranges °C (°F)	Manual reset calibration °C (°F)	Cap access manual reset	Cap access manual reset, liftable adjustable high stop	Cap access manual reset, liftable adjustable high stop, power supply "on" pilot (230V)	Differential °C (°F)	Max temperature on rod °C (°F)
0-60°C(32-140°F)	80°C (176°F)	Y06MS00060A20080	Y06ME00060A20080	Y06NE00060C20080	4±3 (7±5.5°F)	90 (195°F)
30-90°C (85-195°F)	110°C (230°F)	Y06MS30090A20110	Y06ME30090A20110	Y06NE30090C20110	4±3 (7±5.5°F)	120 (250°F)
30-110°C (90-230°F)	130°C (266°F)	Y06MS30110A20130	Y06ME30110A20130	Y06NE30110C20130	5±3 (9±7°F)	150 (300°F)

Aisi 304 pocket: replace Y06 by Y07. Versions with °F printed knobs: replace S by T or E by G in the reference

Knob and dial printings

Type	°C Printing			°F Printing		
	0-60°C	30-90°C	30-110°C	32-140°F	85-195°F	90-230°F
Standard softgrip knob						
Miniature knob dial for outside adjustment						
Adjustable stop big dial						

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