

# LPC/MPC

## THERMO-ELECTRIC ACTUATORS

# LOW POWER CONSUMPTION



## TECHNOLOGY & FEATURES

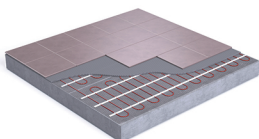
**VERNET Low Power Consumption Thermo-Electric Actuators** are thermostatic wax elements with ceramic pellets. Thermo-Electric Actuators transform electrical energy into force and movement thanks to the wax expansion and contraction.

	LPC 5	MPC 5	MPC 6.5
Operating voltage	24V, 230V	24V, 230V	24V, 230V
Power consumption	< 1w	1,5w	1,8w
Ambient operating temperature	Up to 60°C/140°F	Up to 60°C/140°F	Up to 60°C/140°F
Stroke	5.8mm/0,228"	5.65mm/0,222"	8.0mm/0,315"
Stroke after endurance (100 000 cycles)	5mm	5mm	6.5mm
Minimum load	40N	30N	40N
Maximum load	200N	200N	224N
Response time	Start to move: 145s 2/3 stroke : 230s	Start to move: 90s 2/3 stroke : 130s	Start to move: 140s 2/3 stroke : 250s

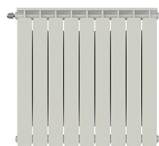
## MAIN ADVANTAGES

- ✓ Low power consumption
- ✓ Strong load-bearing capacity
- ✓ Linear & silent movement
- ✓ Long product life
- ✓ Low cost
- ✓ Compact size

## APPLICATIONS



Underfloor, Wall and Ceiling Heating Cooling Systemms

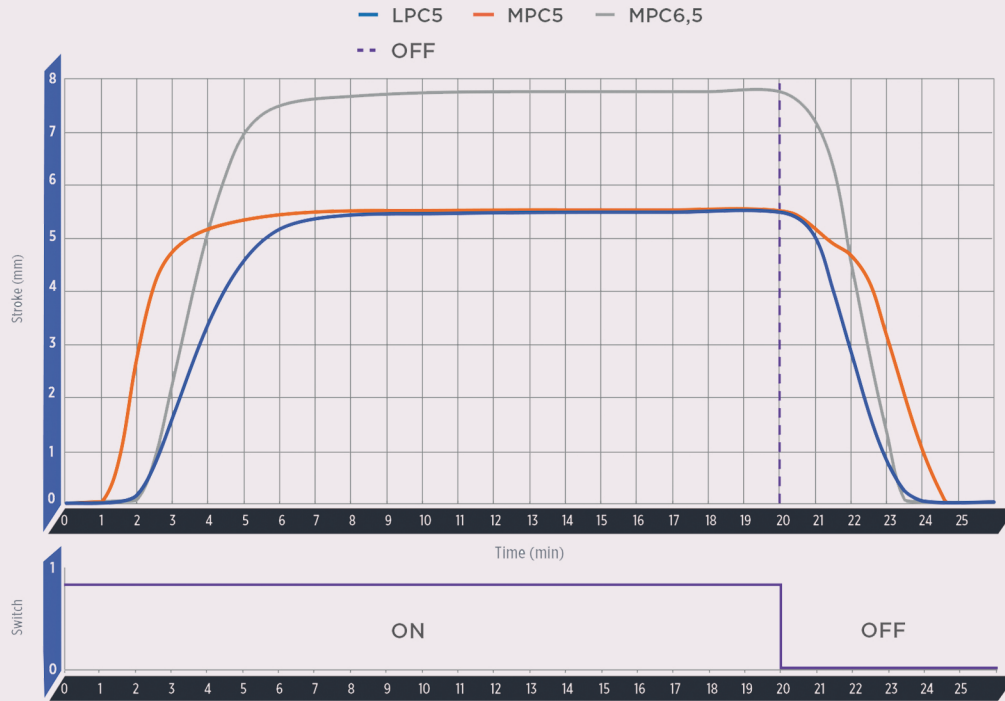


Radiators



Valve Controls

# OPERATING CURVE



# DIMENSIONS (in mm)

