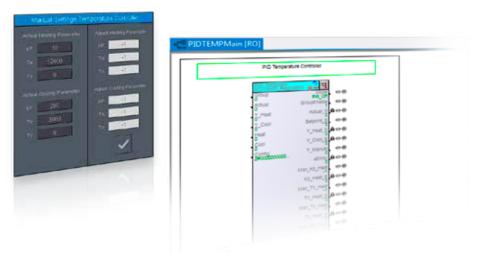# TemperatureController



The TemperatureController Add-On includes basic functions for temperature control. Current values can be displayed, base parameters configured and controlled according to the standard PID regulator principle. This temperature controller can be used for both cooling and heating. Through the interplay between the two actions, a good control curve can be achieved.

This Add-On contains the program elements for the LASAL CLASS project, as well as the LASAL SCREEN projects for multiple resolutions.

## FEATURES

- Display of the current temperature value
- Base parameter configuration
- LASAL CLASS network with standard PID controller

## SOFTWARE VERSIONS

| Design environment | LASAL CLASS 2, LASAL SCREEN, LASAL Machine Manager |
|---|---|
| Operating system | RTOS, Salamander |

## SYSTEM REQUIREMENTS

| Performance Index | A   B   C   D   E |
|---|---|

### Visualization Memory Requirements

| User Heap [KB] | 33 |
|---|---|
| LSE Project Size [KB] | 14 |
| SRAM [bytes] | 0 |

## AVAILABLE RESOLUTIONS [px]

800x480, 800x600, 800x1280, 1024x768, 1280x800, 1366x768