

# Product data sheet

## LB Management room thermostat display



### Reference number

A 1790 D SW

### LB Management room thermostat display

for room thermostat insert ref.-no.: 1790 RTR

for switch inserts ref.-no.: 1701 SE, 1701 PSE, 1704 ESE

### Intended use

- Manual and time-controlled regulation of the room temperature
- Operation with system insert for switching or room temperature control

### Product characteristics

- Real glass front
- 6 sensor buttons
- Timer with three memory areas
  - Comfort and ECO time for Mo-Fr and Sa-Su in each memory area
- Setting a comfort, ECO, cooling and frost protection temperature
- Current time can be saved as switching time, quick programming
- Automatic summer/winter time changeover, can be switched off
- Illuminated segment display for easy reading
- Operating lock
- Optimised heating up (temperature is reached at the set time), can be switched off
- Adaptation to valves (normally open or normally closed)
- Cooling mode possible (optimised for heat pumps)
- Supports internal and external temperature sensor
- Temperature drop detection (call-up of frost protection temperature when window is open)
- Offset adjustment (correction value for measured temperature)
- Controller output working method: pulse width modulation (PWM) or two-point
- Valve protection function (once a week opening and closing of valve, on Saturdays at 11 a.m.)
- Interrupts the heating process after 60 minutes for 5 minutes
- Heating / cooling, switch-over via insert input
- Display switches off after 2 minutes, permanent indication of set/actual temperature or current time possible

### Technical data

|                                    |                |
|------------------------------------|----------------|
| Ambient temperature:               | -5 ... +45 °C  |
| Storage/transport temperature:     | -20 ... +70 °C |
| Accuracy per month:                | ± 10 s         |
| Power reserve:                     | > 4 h          |
| Regulator class (EU 811/2013):     | IV             |
| Contribution to energy efficiency: | 2 %            |

### Colour:

black

### Material:

glass