

What is the difference?

Push-button Smart 86 vs. Central Operation Unit Smart 86

BE-TAS86x.01 vs. BE-BZS86.01

When do I use which device, what are the differences and what is the operating concept?

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Push-button Smart 86 vs. Central Operation Unit Smart 86

Direct comparison of functions

| Device | Push-button Smart 86 BE-TAS86x.01 | Central Operation Unit Smart 86 BE-BZS86.01 |
|--|---|---|
| Number of functions | 12 | 24 |
| Arrangement of functions | 1 level (up to 6 functions) 2 level (2x6 functions) 3 level (3x4 functions) | 4 direct operation functions, 20 operating functions via menu / time switch * |
| Active colour display | ✓ | ✓ |
| Slap function | ✓ | - |
| Cleaning function | ✓ | ✓ |
| Background colour of the display adjustable (black/white) | ✓ | ✓ |
| User defined colours | ✓ | ✓ |
| DCA for loading own symbols | ✓ | ✓ |
| Temperature sensor | (only BE-TAS86T.01) | ✓ |
| Temperature setpoint shift | (only BE-TAS86T.01) | ✓ |
| Switching operating modes | (only BE-TAS86T.01) | ✓ |
| Room temperature controller | - | ✓ |
| Ventilation control | - | ✓ |
| RGB Status LEDs | 6 status LEDs independently controllable per level | 6 status LEDs independently controllable |
| Display time/date | ✓/ - | ✓/✓ |
| Indoor/outdoor temperature display | ✓/✓ | ✓/✓ |
| Status information / messages | ✓ | ✓ |
| Integrated logic | 4x (AND/OR) | 6x (AND/OR/XOR) |
| HSV and Tunable White colour temperature control | ✓ | - |
| Daily/weekly/astro timer | -/ - | ✓/✓/✓ |
| Holiday function | - | ✓ |
| Automatic holiday calculation | - | ✓ |
| Code lock for unit locking or alarm arming | - | ✓ |
| “Day/Night” object | ✓ | ✓ |
| Light sensor for adjusting the display brightness | ✓ | ✓ |
| Dimensions | 92 mm x 92 mm | 92 mm x 92 mm |

* can be flexibly assigned to several function levels, for example to independently shift the temperature setpoints in several rooms, to switch lighting/scenes or to move blinds. For each of the 20 functions, you can decide how to switch. By button on the device, only via the timer or both at the same time.

Push-button Smart 86 vs. Central Operation Unit Smart 86

Operating concept *Push-button Smart 86*

The *Push-button Smart 86* has a large, active colour display for function and status indication. Use the two upper buttons to switch between 2 or 3 levels with up to 4 functions each. Or use the two hidden touch areas on the bottom to switch between 2 levels with up to 6 functions.

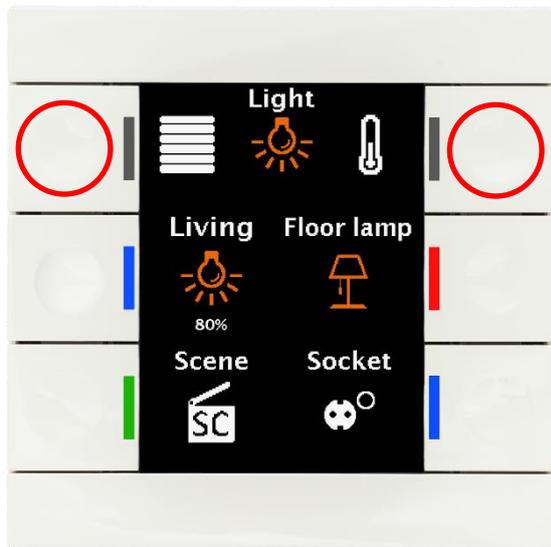


Figure 1.1



Figure 1.2

Figure 1.1 shows the level change via the two upper buttons to the left and right. The 3 levels can be assigned to any categories, for example blinds, light and heating. The symbols can be selected accordingly.

Figure 1.2 shows the level change via the two hidden touch areas on the bottom of the device. A longer touch on one of the marked areas leads to the second level, where up to 6 single button functions or, as shown in the figure, a combination of single and two button functions can be displayed. It can be individually determined whether the level change automatically switches back after 10 seconds.

Push-button Smart 86 vs. Central Operation Unit Smart 86

Operating concept *Central Operation Unit Smart 86*

The *Central Operation Unit Smart 86* has 4 direct operating functions and 20 operating functions via menu / timer. The direct operating functions are used for fast, immediate switching. The menu structure provides access to 20 additional functions that can also be controlled via the integrated timer. The functions are divided into function pages, structured in areas and finally executed via two-button functions.

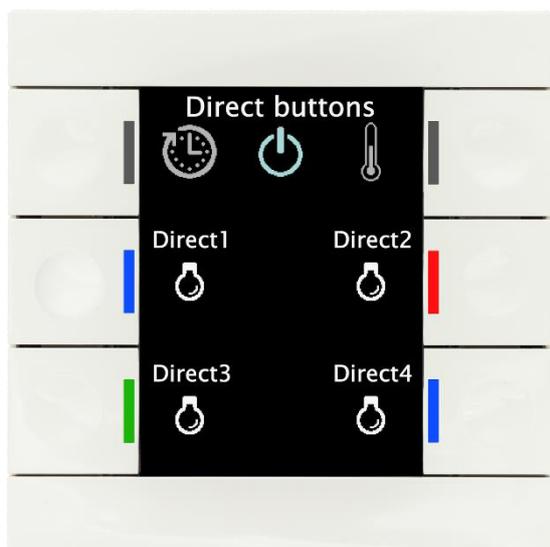


Figure 2.1

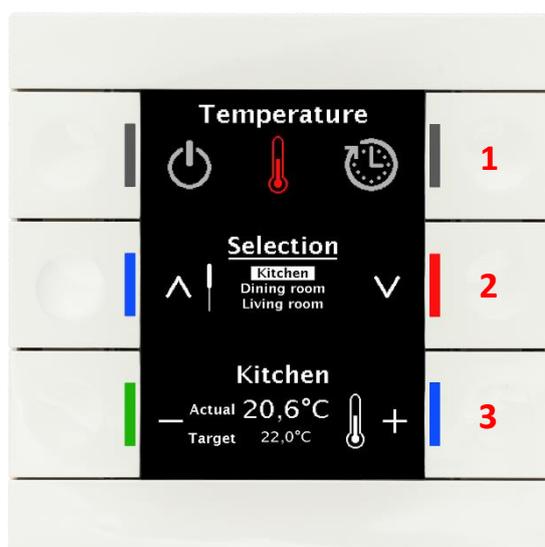


Figure 2.2

Figure 2.1 shows the *Central Operation Unit Smart 86* at the direct operation level. Four frequently used functions such as important switching functions, scenes, central OFF or outdoor lighting can be placed there.

Figure 2.2 illustrates the menu structure of the *Central Operation Unit Smart 86*. In the first step, the desired function is selected, in this case the temperature setpoint shift (1). Then the area, in this example the kitchen, is preselected via the two middle buttons (2). Finally, the temperature setpoint for the kitchen is shifted via + and - using the two lower buttons (3). This procedure can be transferred to all other functions, such as light or blind control.

Push-button Smart 86 vs. Central Operation Unit Smart 86

Conclusion: 2 devices, 2 different applications

The intended use is indicated in the product name.

The *Push-button Smart 86* acts as a classic decentralised push-button with up to 12 functions.
(Recommended mounting height 1.10 - 1.25 m)

The *Central Operation Unit Smart 86* is intended as a central control point. It handles central functions such as the preselection of the setpoint temperatures, control of the blinds or the outdoor lighting. It is usually installed in a central location, for example in the entrance area of the house.
(Recommended installation height 1.50 - 1.60 m)

Other areas of application are possible.

For rooms with a large range of functions, it is also possible to use both devices. In this case, important and frequently used functions are assigned to the buttons of the *Push-button Smart 86* and possibly to the direct operating buttons of the *Central Operation Unit Smart 86*. Functions that are used less frequently can be operated via the menu structure of the *Central Operation Unit Smart 86*.

For example, blind control in the living room:

- To quickly move all blinds in the living room, the group command is assigned to a pair of buttons on the *Push-button Smart 86*.
- Functions that are rarely used, such as the movement of individual blinds, are controlled separately by menu via the *Central Operation Unit Smart 86*.